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# Activity of Omadacycline when Tested against Gram-Positive Bacteria Isolated from Patients in the USA During 2015 as Part of a Global Surveillance Program RK FLAMM, RE MENDES, MD HUBAND, HS SADER JMI Laboratories, North Liberty, Iowa, USA

# **Amended Abstract**

**Background**: Omadacycline (OMC) is a broad spectrum aminomethylcycline in late stage clinical development for the treatment of acute bacterial skin and skin structure infections and communityacquired pneumonia that is being evaluated as both oral and intravenous, once-daily formulations.

**Methods**: A total of 5,102 Gram-positive (GP) organisms isolated during 2015 were selected from medical centers in the USA. Susceptibility testing (S) was performed by reference broth microdilution methods for OMC and comparators.

**Results**: OMC was active against *Staphylococcus aureus* (SA; MIC<sub>50/90</sub>, 0.12/0.12 µg/ml). The MIC<sub>50/90</sub> for methicillin-resistant (MRSA) and MSSA isolates were identical at 0.12/0.12 µg/ml, respectively. All SA were S to tigecycline (TGC; MIC<sub>50/90</sub>, 0.06/0.12 µg/ml), daptomycin (DAP; MIC<sub>50/90</sub>, 0.25/0.5 µg/ml), linezolid (LZD; MIC<sub>50/90</sub>, 1/1 µg/ml), and vancomycin (VAN; MIC<sub>50/90</sub>, 0.5/1  $\mu$ g/ml). S was lower in MRSA for levofloxacin (LEV; 29.6%), clindamycin (CLI; 71.2%), and erythromycin (ERY; 10.9/11.6%; CLSI/EUCAST). OMC (MIC<sub>50/90</sub>, 0.12/0.5 µg/ml) and TGC (MIC<sub>50/90</sub>, 0.06/0.12  $\mu$ g/ml) were the most active agents tested against coagulase-negative staphylococci and against Enterococci (both agents MIC<sub>50/90</sub>, 0.06/0.12 µg/ml). Against Streptococcus pneumoniae (SPN), the MIC<sub>50</sub> and MIC<sub>90</sub> for OMC (0.06/0.12  $\mu$ g/ml) and TGC (0.03/0.06 µg/ml), were the lowest among the agents tested. OMC demonstrated activity against ceftriaxone (CRO) and LEV resistant isolates. OMC MIC values for SPN were 8-fold lower than CRO (MIC<sub>90</sub>, 1  $\mu$ g/ml) and LEV (MIC<sub>90</sub>, 1  $\mu$ g/ml). Against viridans group streptococci, OMC (MIC<sub>50/90</sub>, 0.06/0.12  $\mu$ g/ml) and TGC (MIC<sub>50/90</sub>, 0.03/0.12 µg/ml; 100.0% S) were the most active agents tested. The MIC<sub>50/90</sub> for OMC against  $\beta$ -hemolytic streptococci was 0.06/0.12 µg/ml. All β-hemolytic streptococci were S to TGC, β-lactams, LZD, DAP, and VAN, however resistance to LEV (99.5/96.8% S [CLSI/EUCAST]), ERY (65.3% S), CLI (80.7/81.4% S [CLSI/EUCAST]) and tetracycline (54.5/54.3% S [CLSI/EUCAST]) occurred.

**Conclusions:** OMC was active against a broad range of GP bacteria including MRSA, SPN resistant to penicillin, CRO, and LEV; Enterococci, and streptococci. OMC warrants further study as therapy in infections where these organisms may occur.

### Introduction

Omadacycline (formerly PTK 0796 and BAY 73-6944; 7-dimethylamino, 9-(2,2-dimethyl-propyl)-aminomethylcycline) is a novel antibacterial agent of the tetracycline family, which is currently under clinical development for the treatment of acute bacterial skin and skin structure infections and community-acquired pneumonia that is being evaluated as both oral and intravenous, once-daily formulations. This new tetracycline has shown a broad-spectrum of activity against a wide range of pathogenic bacteria, including Gram-positive and -negative isolates.

This poster compares the activity of omadacycline and currently marketed antimicrobial agents against several Gram-positive species submitted from 107 medical centers representing each of the nine Census Regions in the United States (USA). Evaluations of resistant subsets for most of the pathogen groups were included in the analysis. A total of 5,102 bacterial isolates were tested by reference Clinical and Laboratory Standards Institute (CLSI) broth microdilution methods. Categorical interpretation of comparator MIC values was performed by using the CLSI (M100-S26; 2016), European Committee on Antimicrobial Susceptibility Testing (EUCAST, 2016) and USA-Food and Drug Administration (FDA; tigecycline) breakpoint criteria, where available.

# Methods

Sampling sites and Organisms: A total of 5,102 non-duplicate, single-patient Grampositive clinical isolates that originated from the SENTRY surveillance network in North America (USA) during 2015 were received by JMI Laboratories. Isolates were obtained from hospitalized patients in 107 medical centers representing each of the nine USA Census Regions (Figure 1) and were responsible for a causing a variety of clinical infections including pneumonia in hospitalized patients, respiratory tract infections caused by S. pneumoniae, skin and skin structure infections, urinary tract infections, blood stream infections, intra-abdominal infections and other infection types (Figure 2).

Bacterial species were identified by the submitting laboratories and confirmed by JMI Laboratories (North Liberty, Iowa, USA) using standard bacteriologic algorithms and methodologies, including the use of matrix-assisted laser desorption/ionizationtime of flight-mass spectrometry (MALDI-TOF-MS; Bruker Daltonics, Bremen, Germany).

Antimicrobial Susceptibility Testing: Reference broth microdilution methods per CLSI (M07-A10; 2015) using validated frozen-form panels produced by JMI Laboratories were utilized for susceptibility testing. Interpretive breakpoint criteria for all comparator agents were those published in CLSI (M100-S26; 2016) and EUCAST (2016), except for tigecycline where the USA-FDA breakpoints were applied (Tygacil Package Insert, 2016). Omadacycline (0.004 – 8 µg/ml MIC testing range) was supplied by Paratek Pharmaceuticals to JMI Laboratories for broth microdilution panel production. Comparator agents were selected to match previous surveillance reports for the organism groups tested. Comparator antimicrobials were acquired from their respective manufacturers, the United States Pharmacopeia (USP; Rockville, MD) or from Sigma-Aldrich (St. Louis, Missouri, USA)

# Results

- MIC distributions for omadacycline against 5,102 recently collected Grampositive clinical isolates (including resistant organism subsets) from the USA are detailed in Table 1.
- The *in vitro* activities and breakpoint interpretive criteria for omadacycline and comparator agents tested against 5,082 clinically significant Gram-positive isolates are detailed in **Table 2**.
- Staphylococcus aureus (n=2,148):
- Omadacycline (MIC<sub>50/90</sub>, 0.12/0.12  $\mu$ g/ml) was highly active when tested against *S. aureus* isolates, possessing identical MIC<sub>50/90</sub> values (0.12/0.12 µg/ml) against oxacillin-susceptible (MSSA) and oxacillin-resistant (MRSA) isolates (**Table 1**).
- All S. aureus isolates were susceptible to tigecycline (MIC<sub>50/90</sub>, 0.06/0.12)  $\mu$ g/ml), daptomycin (MIC<sub>50/90</sub>, 0.25/0.5  $\mu$ g/ml), linezolid (MIC<sub>50/90</sub>, 1/1  $\mu$ g/ml), and vancomycin (MIC<sub>50/90</sub>, 0.5/1  $\mu$ g/ml; **Table 2**).
- A total of 36.5/36.5%, 53.0/55.9%, 15.0/15.3% and 0.0-3.6/2.2-6.1% (CLSI/ EUCAST) of *S. aureus* isolates displayed fluoroquinolone (levofloxacin), macrolide (erythromycin), lincosamide (clindamycin), and tetracycline (doxycycline and tetracycline) resistance phenotypes, respectively (**Table 2**).
- <u>Coagulase negative staphylococci (CoNS; n=320)</u>:
- Omadacycline (MIC<sub>50/90</sub>, 0.12/0.5  $\mu$ g/ml) and tigecycline (MIC<sub>50/90</sub>, 0.06/0.12  $\mu$ g/ml) were the most active agents tested against CoNS.
- $\circ$  The highest omadacycline MIC among the CoNS was 1 µg/ml and 98.1% of isolates were inhibited at ≤0.5 µg/ml (**Table 1**).
- Doxycycline (MIC<sub>50/90</sub>, 0.25/2 μg/ml; 95.6/87.2% susceptible [CLSI/EUCAST]) and tetracycline (MIC<sub>50/90</sub>,  $\leq$ 0.5/>8 µg/ml; 84.4/83.1% susceptible [CLSI/ EUCAST) were considerably less active against CoNS.
- Overall, 62.8% of CoNS isolates were oxacillin-resistant (**Table 1**) and high levofloxacin (39.7/39.7%), erythromycin (61.6/62.8%) clindamycin (30.6/ 32.2%) and trimethoprim-sulfamethoxazole (25.9/9.1%) resistance rates (CLSI/EUCAST criteria) were noted among CoNS (**Table 2**).

Enterococcus faecalis (n=636) and E. faecium (n=241)

- Omadacycline was highly active against both E faecalis and E faecium isolates with MIC

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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>asted)<br>bhylococcus aureus (2,148)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>ohylococcus aureus (2,148)<br>MSSA (1,206)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>MSSA (1,206)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>asted)<br>bhylococcus aureus (2,148)<br>MSSA (1,206)<br>MRSA (942)<br>agulase-negative staphylococci (320)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                                                                                                                                                                                                                                                                                           |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>MSSA (1,206)<br>IRSA (942)<br>igulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>100.0<br>62.0<br>62.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>asted)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>MSSA (1,206)<br>MRSA (942)<br>igulase-negative staphylococci (320)<br>MSCoNS <sup>a</sup> (119)<br>MRCoNS <sup>b</sup> (201)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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>8$<br>0.008 - 0.25<br>$\leq 0.008 - 0.12$<br>$\leq 0.12 - >4$<br>$\leq 0.015 - >2$<br>$\leq 0.03 - >4$<br>0.25 - >4<br>$\leq 0.015 - >2$<br>$\leq 0.015 - >2$<br>$\leq 0.012 - >1$<br>0.25 - 2<br>$\leq 0.03 - 0.5$<br>$\leq 0.06 - 4$<br>$\leq 0.5 - >4$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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-<br>80.9<br>0.0<br>-<br>68.9<br>59.8<br>82.2<br>-<br>_b<br>20.3<br>1.8 <sup>e</sup><br>0.7 <sup>f</sup><br>2.2<br>0.5<br>44.1<br>13.5<br>-<br>8.5 <sup>g</sup><br>38.0 <sup>h</sup><br>0.0 <sup>i</sup>                            | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    
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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>(2,148)<br>assed)<br>abylococcus aureus (2,148)<br>assa (1,206)<br>assa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                            | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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                                        |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>ohylococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>agulase-negative staphylococci (320)<br>ASCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $C_{50/90}, 0.0$<br>.5% suse<br>as agains<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015                                                                                                                                                                                            | $\begin{array}{c cccc} & \mu g/ml;\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; centre centre$                                                                                                                                                                                             
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{current } \\ current$                                                                                                                                                                                                                                                                                        | 6  susceptible and lease of the set of                        | NIC50       MIC90         >       MIC50       MIC90         >       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.5         0.06       0.5       0.5         0%)       0.06       0.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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                                                           |                                                                                                                                                                                                                                     | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>-<br>81.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $C_{50/90}, 0.0$<br>.5% suse<br>as agains<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015 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   0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.5         0.06       0.5       0.5         0%)       0.06       0.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>I</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone                                                                                                                                                                                                                                                                                                                               
          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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline Mi<br>udy ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible (≤4) (607)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline Mi<br>udy ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $>$ 4) (29)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| $\begin{array}{c c} & \mu g/ml;\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; Tal\\ ceptible; ceptib$                                                                                                                                                                                       
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{current beta } \\ current be$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6  susceptible and lease of the set of                        | NIC50       MIC90         >       MIC50       MIC90         >       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.5         0%)       0.06       0.5         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12                                                                                                                                                                                                                                                              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  Amoxicillin-clavulanic acid         Piperacillin         Comadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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0.06$<br>0.03<br>1<br>0.25<br>$\leq 0.06$<br>0.25<br>1<br>0.06<br>0.25<br>1<br>0.06<br>0.25<br>1<br>0.06<br>0.25<br>1<br>0.06<br>0.25<br>1<br>0.06<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.06<br>0.03<br>1<br>0.05<br>0.03<br>1<br>0.05<br>0.03<br>1<br>0.05<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.025<br>0.03<br>1<br>0.025<br>0.03<br>1<br>0.025<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.05<br>0.03<br>0.05<br>0<br>0.05<br>0.03<br>0.05<br>0.03<br>0.05<br>0.03<br>0.05<br>0.03<br>0.05<br>0.05 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | $ \leq 2 - >16 \\ \leq 0.5 - >4 \\ \leq 0.25 - 2 \\ \leq 0.25 - >8 \\ \leq 0.5 - >16 \\ \leq 2 - >16 \\ \leq 0.5 - >8 \\ 0.008 - 0.25 \\ \leq 0.008 - 0.12 \\ \leq 0.12 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ 0.25 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.008 - 0.25 \\ \leq 0.008 - 4 \\ \leq 0.003 - >4 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \end{cases} $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline Mi<br>ady ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible (<4) (607)<br>ancomycin-non-susceptible (>4) (29)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                          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| $\begin{array}{c c} & \mu g/ml;\\ \hline ceptible; Tal\\ \hline c$ | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{cmarked} \\ cmar$                                                                                                                                                                                                           | 6  susceptible and lease of a susceptible and lease of the formation                        | NIC50       MIC90         NIC50       MIC90         0.12       0.12         000       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.5         000       0.06       0.12         000       0.06       0.12         000       0.06       0.12         000       0.06       0.12                     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Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>J</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>97.1<br>-<br>90.5<br>48.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline MI<br>udy ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ASCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible (<4) (607)<br>ancomycin-non-susceptible (>4) (29)<br>erococcus faecium (241)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                                 | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin                                     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0.25 \\ \leq 0.003 - 4 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.06 - 1 \\ \leq 0.06 $ | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8<br>100.0<br>100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline Mi<br>udy ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>MSSA (1,206)<br>MRSA (942)<br>igulase-negative staphylococci (320)<br>MSCoNS <sup>a</sup> (119)<br>MRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                          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agains<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.018<br>0.018<br>0.018<br>0.018<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008<br>0.008 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0.5$<br>0.06<br>0.03<br>1<br>0.25<br>0.06<br>0.25<br>1<br>0.06<br>0.025<br>1<br>0.06<br>0.025<br>0.06<br>0.025<br>0.06<br>0.025<br>0.06<br>0.025<br>0.06<br>0.025<br>0.06<br>0.025<br>0.06<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>1<br>0.06<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.25<br>0.03<br>0.05<br>0.05<br>0.05<br>0.05<br>0.03<br>0.05<br>0.05 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\\ 0.25 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - 0.5 \\ \leq 0.03 - 0.5 \\ \leq 0.06 - 4 \\ \leq 0.5 - >4 \\ \leq 0.03 - 34 \\ \leq 0.015 - >2 \\ \leq 0.06 - 1 \\ \leq 0.06 - 1 \\ \leq 0.06 - 1 \\ \leq 0.06 - 0.5 \\ \end{cases} $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8<br>100.0<br>100.0<br>100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>-<br>81.8<br>-<br>-<br>89.5<br>82.9<br>82.9<br>82.9<br>82.9<br>-<br>-<br>84.8<br>-<br>-<br>100.0<br>100.0<br>100.0<br>100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>65<br>67<br>82<br>20<br>0<br>0<br>44<br>13<br>0<br>0<br>0<br>388<br>3<br>12<br>10<br>2<br>2<br>15<br>15<br>15<br>0<br>0<br>0<br>0                                                                                                                                                                                        |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 $\mu$<br>ble 1. Omadacycline MI<br>udy ( $\mu$ g/ml).<br>anisms / Organism Groups<br>ested)<br>ohylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $>$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                                                                                                                                         | $C_{50/90}$ , 0.0<br>.5% suse<br>as agains<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.015<br>0.008<br>0.008<br>0.08%<br>0.0<br>0.08%<br>0.0<br>0.0%<br>0.0%                                                                                                                                                                                                                                                                                                                                                                                                                                             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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ current of the second seco$                                                                                                                                                                                                                                                                                                                                                                     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 >       MIC50       MIC90         >       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.5         0%)       0.06       0.5         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12         0%)       0.06       0.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid   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0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.03 - >4 \\ \leq 0.008 - 0.25 \\ \leq 0.003 - 4 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.06 - 1 \\ \leq 0.06 $ | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8<br>100.0<br>100.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>whylococcus aureus (2,148)<br>SSA (1,206)<br>RSA (942)<br>gulase-negative staphylococci (320)<br>SCoNS <sup>a</sup> (119)<br>RCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (167)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                              | 56 susceptible) and leadered.<br><b>arganism groups inc</b><br><b>ative</b> %)<br>5005 1 2<br>29 43 1<br>5005 1 2<br>29 43 1<br>60000 (98.0%) (>99.9%) (100.000)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>66 6<br>60 (98.1%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>10 1 1<br>74 (99.8%) (99.9%) (100.0%)<br>10 1 0<br>1 0 1<br>76 (99.8%) (99.8%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0        | NIC50       MIC90         >       MIC50       MIC90         >       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12       0.12         0%)       0.12   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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62. | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>69<br>67<br>82<br>20<br>0<br>0<br>44<br>13<br>0<br>0<br>0<br>388<br>3.<br>14<br>14<br>10<br>2<br>2<br>2<br>15<br>15                                                                                                                                                                                                      |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>whylococcus aureus (2,148)<br>SSA (1,206)<br>RSA (942)<br>gulase-negative staphylococci (320)<br>SCoNS <sup>a</sup> (119)<br>RCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (167)<br>r Enterococcus spp. (20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                      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                                                                                                              | 56 susceptible) and leadered.<br><b>arganism groups inc</b><br><b>ative</b> %)<br>5005 1 2<br>29 43 1<br>5005 1 2<br>29 43 1<br>60000 (98.0%) (>99.9%) (100.000)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>74 (99.7%) (100.0%)<br>22 39 1<br>66 6<br>60 (98.1%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>12 1<br>74 (99.2%) (100.0%)<br>10 1 1<br>74 (99.8%) (99.9%) (100.0%)<br>10 1 0<br>1 0 1<br>76 (99.8%) (99.8%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 1<br>76 (99.4%) (100.0%)<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0 0<br>1 0        | NIC50       MIC90         NIC50       MIC90         0.12       0.12         000       0.12       0.12         001       0.12       0.12         001       0.12       0.12         001       0.12       0.12        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                  | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8<br>100.0<br>100.0<br>57.1<br>97.1<br>-<br>73.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62. | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>69<br>67<br>82<br>20<br>0.<br>0                                                                                                                                                                                                                                                                                          |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>asted)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>arococcus spp. (897)<br>arococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>arococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (167)<br>ar Enterococcus spp. (20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\begin{array}{c} \text{ndamycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                      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agains<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.0.1%)<br>1<br>0.0.2%)<br>2<br>0.0.6%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.5%)<br>1<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)0000000000 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      Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>I</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619) <sup>K</sup> Omadacycline         Tigecycline         Teicoplanin         Penicillin <td>&gt;16<br/>&gt;4<br/>1<br/>1<br/>1<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.06<br/>0.03<br/>0.25<br/>0.03<br/><math>\leq 0.03</math><br/>1<br/>0.06<br/><math>\leq 0.12</math><br/>1<br/>0.25<br/><math>\leq 0.06</math><br/><math>\leq 0.5</math><br/>0.06<br/>0.03<br/>1<br/>0.12<br/>0.06<br/>0.12<br/>1<br/>0.5<br/>0.03<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5</td> <td>&gt;16<br/>&gt;4<br/>1<br/>2<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.12<br/>0.06<br/>&gt;4<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>0.25<br/>1<br/>1<br/>0.25<br/>1<br/>4<br/>0.12<br/>0.12<br/>0.12<br/>&gt;8<br/>1<br/>0.5<br/>2<br/>2<br/>2<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>0.25<br/>1<br/>0.12<br/>0.06<br/>&gt;8</td> <td><math display="block"> \leq 2 - &gt;16 \\ \leq 0.5 - &gt;4 \\ \leq 0.25 - 2 \\ \leq 0.25 - &gt;8 \\ \leq 0.5 - &gt;16 \\ \leq 2 - &gt;16 \\ \leq 0.5 - &gt;8 \\ 0.008 - 0.25 \\ \leq 0.008 - 0.12 \\ \leq 0.12 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ 0.25 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.06 - 1 \\ \leq 0.03 - &gt;4 \\ \hline 0.03 - 0.5 \\ 0.015 - 0.25 \\ \leq 0.25 - &gt;8 \\ \hline 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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>bhylococcus aureus (2,148)<br>SSA (1,206)<br>RSA (942)<br>gulase-negative staphylococci (320)<br>SCoNS <sup>a</sup> (119)<br>RCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (167)<br>r Enterococcus spp. (20)<br>ptococcus pneumoniae (1,012)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\begin{array}{c c} \mbox{damycin} (MIC \mbox{ig/ml}; 96.8-99 \mbox{sec} \\ \hline \mbox{IC distribution} \\ \hline \mbox{lc distribution} \\ \hline \mbox{0} & 0 \\ 0.004 & 0.008 \\ 0 \\ 0.008 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{current of the 2} \ occur \\ \textbf{current of 1} \ occur \\ $                                                                                                                                                                                                                                                                                                                                         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    Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin</td> <td>&gt;16<br/>&gt;4<br/>1<br/>1<br/>1<br/>&gt;16<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.06<br/>0.03<br/>0.25<br/>0.03<br/><math>\leq 0.03</math><br/>1<br/>0.06<br/><math>\leq 0.12</math><br/>1<br/>0.25<br/><math>\leq 0.06</math><br/><math>\leq 0.5</math><br/>0.06<br/>0.03<br/>1<br/>0.12<br/>0.06<br/>0.12<br/>1<br/>0.5<br/>0.03<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5</td> <td>&gt;16<br/>&gt;4<br/>1<br/>2<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.12<br/>0.06<br/>&gt;4<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>0.25<br/>1<br/>1<br/>0.25<br/>1<br/>0.12<br/>0.12<br/>0.12<br/>&gt;8<br/>1<br/>0.5<br/>2<br/>2<br/>2<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>0.25<br/>1<br/>0.12<br/>0.06<br/>&gt;8<br/>0.05<br/>0.25<br/>1</td> <td><math display="block"> \leq 2 - &gt;16 \\ \leq 0.5 - &gt;4 \\ \leq 0.25 - 2 \\ \leq 0.25 - &gt;8 \\ \leq 0.5 - &gt;16 \\ \leq 2 - &gt;16 \\ \leq 0.5 - &gt;8 \\ 0.008 - 0.12 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ 0.25 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - &gt;4 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - 0.5 \\ \leq 0.06 - 4 \\ \leq 0.5 - &gt;4 \\ \leq 0.008 - 0.25 \\ \leq 0.008 - 0.25 \\ \leq 0.008 - 0.25 \\ \leq 0.03 - 34 \\ \leq 0.03 - 34 \\ \leq 0.015 - &gt;2 \\ \leq 0.03 - 34 \\ \leq 0.03 - 34 \\ \leq 0.015 - &gt;2 \\ \leq 0.06 - 1 \\ \leq 0.03 - 0.25 </math></td> <td>12.9<br/>100.0<br/>99.6<br/>30.7<br/>34.0<br/>17.8<br/>-<br/>99.8<br/>79.6<br/>88.7<br/>98.2<br/>95.3<br/>99.5<br/>55.3<br/>85.9<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>96.7<br/>73.8<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>90.5<br/>48.6<br/>83.8<br/>100.0<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>73.8</td> <td></td> <td></td>
<td>19.1<br/>100.0<br/>-<br/>30.7<br/>32.8<br/>17.4<br/>-<br/>-<br/>79.6<br/>88.7<br/>-<br/>99.5<br/>55.3<br/>86.5<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.</td> 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>I</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin         Vancomycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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>16<br>>4<br>1<br>1<br>1<br>>16<br>>16<br>>16<br>>8<br>0.06<br>0.03<br>0.25<br>0.03<br>$\leq 0.03$<br>1<br>0.06<br>$\leq 0.12$<br>1<br>0.25<br>$\leq 0.06$<br>$\leq 0.5$<br>0.06<br>0.03<br>1<br>0.12<br>0.06<br>0.12<br>1<br>0.5<br>0.03<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5<br>0.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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>16<br>>4<br>1<br>2<br>>16<br>>16<br>>8<br>0.12<br>0.06<br>>4<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>0.25<br>1<br>1<br>0.25<br>1<br>0.12<br>0.12<br>0.12<br>>8<br>1<br>0.5<br>2<br>2<br>2<br>>4<br>>2<br>1<br>0.5<br>0.5<br>0.25<br>1<br>0.12<br>0.06<br>>8<br>0.05<br>0.25<br>1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $ \leq 2 - >16 \\ \leq 0.5 - >4 \\ \leq 0.25 - 2 \\ \leq 0.25 - >8 \\ \leq 0.5 - >16 \\ \leq 2 - >16 \\ \leq 0.5 - >8 \\ 0.008 - 0.12 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ 0.25 - >4 \\ \leq 0.015 - >2 \\ \leq 0.015 - >2 \\ \leq 0.03 - >4 \\ \leq 0.015 - >2 \\ \leq 0.03 - 0.5 \\ \leq 0.06 - 4 \\ \leq 0.5 - >4 \\ \leq 0.008 - 0.25 \\ \leq 0.008 - 0.25 \\ \leq 0.008 - 0.25 \\ \leq 0.03 - 34 \\ \leq 0.03 - 34 \\ \leq 0.015 - >2 \\ \leq 0.03 - 34 \\ \leq 0.03 - 34 \\ \leq 0.015 - >2 \\ \leq 0.06 - 1 \\ \leq 0.03 - 0.25 $                                                  | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>90.5<br>48.6<br>83.8<br>100.0<br>100.0<br>57.1<br>97.1<br>-<br>73.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | | | | | | | | | | | | | |
                                                                                                     |                                                                                                                                                                                                                                     | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62. | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>65<br>67<br>20<br>0<br>0<br>44<br>13<br>0<br>0<br>0<br>388<br>3<br>14<br>10<br>2<br>2<br>14<br>10<br>0<br>0<br>0<br>2<br>2<br>14<br>15<br>0<br>0<br>0<br>0<br>0<br>0<br>44<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                                                                                   |
| Susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>bhylococcus aureus (2,148)<br>ISSA (1,206)<br>IRSA (942)<br>gulase-negative staphylococci (320)<br>ISCoNS <sup>a</sup> (119)<br>IRCoNS <sup>b</sup> (201)<br>IRCoNS <sup>b</sup> (201)<br>Prococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (167)<br>r Enterococcus spp. (20)<br>ptococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>7<br>81.8<br>-<br>89.5<br>82.9<br>82.9<br>82.9<br>82.9<br>82.9<br>82.9<br>62.0<br>-<br>100.0<br>100.0<br>100.0<br>100.0<br>84.8<br>-<br>100.0<br>100.0<br>100.0<br>84.8<br>-<br>-<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100. 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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ASA (1,206)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ARCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>ARCoNS <sup>b</sup> (20 | $\begin{array}{c c c c c c c c c c c c c c c c c c c $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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agains<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.0.1%)<br>1<br>0.0.2%)<br>2<br>0.0.6%)<br>1<br>0.0.6%)<br>1<br>0.0.5%)<br>10<br>0.0.5%)<br>10<br>0.0.5%)<br>10<br>0.0.5%)<br>10<br>0.0.5%)<br>10<br>0.0.5%)<br>10<br>0.0.5%)<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0.0%)<br>0<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)<br>0.0%)0000000000 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$\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{crganisms/o} \\ \textbf{crganisms/o}$                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6 susceptible) and lease $6$ susceptible) and lease $6$ susceptible) and lease $1$ and $1$ an                   | NIC50       MIC90         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.01       0.12         0.02       0.12         0.03       0.12         0.04       0.12         0.05       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06 <td>Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106)<sup>I</sup>         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)<sup>K</sup>         Omadacycline         Tigecycline         Teicoplanin         Penicillin</td> <td>&gt;16<br/>&gt;4<br/>1<br/>1<br/>1<br/><math>^{1}</math><br/><math>^{16}</math><br/>&gt;16<br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{16}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{10}</math><br/><math>^{20}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{20}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><m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<td>&gt;16<br/>&gt;4<br/>1<br/>2<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.12<br/>0.06<br/>&gt;4<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>0.25<br/>1<br/>1<br/>0.25<br/>1<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.</td> <td><math display="block"> \leq 2 - &gt;16  \leq 0.5 - &gt;4  \leq 0.25 - 2  \leq 0.25 - &gt;8  \leq 0.5 - &gt;16  \leq 2 - &gt;16  \leq 0.5 - &gt;8  0.008 - 0.25  \leq 0.008 - 0.12  \leq 0.12 - &gt;4  \leq 0.015 - &gt;2  \leq 0.03 - &gt;4  \leq 0.015 - &gt;2  \leq 0.03 - &gt;4  \leq 0.015 - &gt;2  \leq 0.03 - 0.5  \leq 0.06 - 4  \leq 0.5 - &gt;4  \leq 0.004 - 0.25  \leq 0.008 - 0.25  \leq 0.008 - 0.25  \leq 0.008 - 0.25  \leq 0.008 - 0.25  \leq 0.03 - &gt;4  \leq 0.06 - 1  \leq 0.05 - &gt;8  \leq 0.03 - &gt;4  = 0.05 - &gt;8  \leq 0.03 - 0.5  0.015 - 0.25  \leq 0.03 - 0.25 </math> <br/> &gt; 0.025 - &gt;8<br/>\leq 0.03 - 0.25 \ \leq 0.03 - 0.25 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0.05 \ = 0</td> <td>12.9<br/>100.0<br/>99.6<br/>30.7<br/>34.0<br/>17.8<br/>-<br/>99.8<br/>79.6<br/>88.7<br/>98.2<br/>95.3<br/>99.5<br/>55.3<br/>85.9<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>96.7<br/>73.8<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>90.5<br/>48.6<br/>83.8<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>90.5<br/>48.6<br/>83.8<br/>100.0<br/>100.0<br/>100.0<br/>-<br/>78.1</td> <td></td> <td></td> <td>19.1<br/>100.0<br/>-<br/>30.7<br/>32.8<br/>17.4<br/>-<br/>-<br/>79.6<br/>88.7<br/>-<br/>99.5<br/>55.3<br/>86.5<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>7<br/>81.8<br/>-<br/>84.8<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>-<br/>-<br/>100.0<br/>82.9<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</td> 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                                                                                                                                                                  | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>I</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619) <sup>K</sup> Omadacycline         Tigecycline         Teicoplanin         Penicillin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>7<br>81.8<br>-<br>84.8<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>-<br>100.0<br>100.0<br>82.9<br>-<br>-<br>-<br>100.0<br>82.9<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                     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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>obylococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>agulase-negative staphylococci (320)<br>ASCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-non-susceptible ( $\geq$ 4) (167)<br>er Enterococcus spp. (20)<br>eptococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)<br>enicillin-intermediate (4) (299)                                                                                                                                                                                                                                                                                                                                                                                                                                  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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{crganisms/o} \\ \hline crganisms/$                   | 6 susceptible) and lease of susceptible and lease of the formation of the                   | NIC50       MIC90         NIC50       MIC90         0.12       0.12         0.12       0.12        
0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.5         0.12       0.5         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06 <td>Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106)<sup>1</sup>         Omadacycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)<sup>k</sup>         Omadacycline         Tigecycline         Teicoplanin         Penicillin         β-hemolytic streptococci (619)<sup>k</sup><td>&gt;16<br/>&gt;4<br/>1<br/>1<br/>1<br/><math>^{1}</math><br/><math>^{16}</math><br/>&gt;16<br/><math>^{16}</math><br/><math>^{30}</math><br/><math>^{16}</math><br/><math>^{31}</math><br/><math>^{10}</math><br/><math>^{0.06}</math><br/><math>^{0.03}</math><br/><math>^{1}</math><br/><math>^{0.06}</math><br/><math>^{2}</math><br/><math>^{0.12}</math><br/><math>^{1}</math><br/><math>^{0.06}</math><br/><math>^{2}</math><br/><math>^{0.12}</math><br/><math>^{1}</math><br/><math>^{0.25}</math><br/><math>^{2}</math><br/><math>^{0.06}</math><br/><math>^{2}</math><br/><math>^{0.5}</math><br/><math>^{1}</math><br/><math>^{0.06}</math><br/><math>^{0.03}</math><br/><math>^{1}</math><br/><math>^{1}</math><br/><math>^{0.25}</math><br/><math>^{2}</math><br/><math>^{0.06}</math><br/><math>^{0.33}</math><br/><math>^{1}</math><br/><math>^{1}</math><br/><math>^{0.12}</math><br/><math>^{0.06}</math><br/><math>^{0.12}</math><br/><math>^{1}</math><br/><math>^{1}</math><br/><math>^{0.5}</math><br/><math>^{0.33}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.5}</math><br/><math>^{0.25}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.03}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{0.06}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><math>^{2}</math><br/><mat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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619) <sup>k</sup> Omadacycline         Tigecycline         Teicoplanin         Penicillin         β-hemolytic streptococci (619) <sup>k</sup>
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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline Mi<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>bhylococcus aureus (2,148)<br>SSA (1,206)<br>RSA (942)<br>gulase-negative staphylococci (320)<br>SCoNS <sup>a</sup> (119)<br>RCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (167)<br>r Enterococcus spp. (20)<br>ptococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)<br>enicillin-intermediate (4) (299)                                                                                                                                                                                                                                                  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\\</math></td><td>12.9<br/>100.0<br/>99.6<br/>30.7<br/>34.0<br/>17.8<br/>-<br/>99.8<br/>79.6<br/>88.7<br/>98.2<br/>95.3<br/>99.5<br/>55.3<br/>85.9<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>96.7<br/>73.8<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>100.0<br/>57.1<br/>97.1<br/>-<br/>-<br/>100.0<br/>57.1<br/>97.5<br/>48.6<br/>83.8<br/>100.0<br/>100.0<br/>100.0<br/>-<br/>78.1<br/>-<br/>-<br/>100.0<br/>54.5<br/>100.0<br/>100.0<br/>-<br/>-<br/>78.1</td><td></td><td></td><td>19.1<br/>100.0<br/>-<br/>30.7<br/>32.8<br/>17.4<br/>-<br/>79.6<br/>88.7<br/>-<br/>99.5<br/>55.3<br/>86.5<br/>100.0<br/>100.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>62.0<br/>7<br/>81.8<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>100.0<br/>82.9<br/>-<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>100.0<br/>10</td><td>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-<br/>-</td><td></td></tr<> 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                                                               | >16<br>>4<br>1<br>2<br>>16<br>>16<br>>8<br>0.12<br>0.06<br>>4<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>0.25<br>1<br>1<br>0.25<br>1<br>0.12<br>0.12<br>0.12<br>0.12<br>0.12<br>0.12<br>0.12<br>0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $ \leq 2 - >16  \leq 0.5 - >4  \leq 0.25 - 2  \leq 0.25 - >8  \leq 0.5 - >16  \leq 2 - >16  \leq 0.5 - >8  0.008 - 0.25  \leq 0.008 - 0.12  \leq 0.12 - >4  \leq 0.015 - >2  \leq 0.03 - >4  < 0.015 - >2  \leq 0.03 - >4  \leq 0.015 - >2  \leq 0.03 - 0.5  \leq 0.06 - 4  \leq 0.5 - >4  \leq 0.004 - 0.25  \leq 0.008 - 0.25  \leq 0.03 - 4  \leq 0.03 - 4  \leq 0.03 - >4  \leq 0.06 - 1  \leq 0.06 - 1 \\ \leq 0.06 - 1 \\$                                                                                                                                                                                                     | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>-<br>100.0<br>57.1<br>97.5<br>48.6<br>83.8<br>100.0<br>100.0<br>100.0<br>-<br>78.1<br>-<br>-<br>100.0<br>54.5<br>100.0<br>100.0<br>-<br>-<br>78.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                                                                                                                                              | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>7<br>81.8<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>10                                             | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                     |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline MI<br>(Jy (µg/ml).<br>anisms / Organism Groups<br>asted)<br>by/ococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ASCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>arococcus spp. (897)<br>arococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>arococcus faecium (241)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (167)<br>ar Enterococcus spp. (20)<br>aptococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)<br>enicillin-intermediate (4) (299)<br>enicillin-resistant ( $>$ 4) (86)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\begin{array}{c c} \text{damycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $C_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$C_{50/90},$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | $\begin{array}{c c c c c c c c c c c c c c c c c c c $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        
                                                                                                                                                                                                                                                                                                                                                              | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{crganisms/o} \\$                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6 susceptible) and lease of a susceptible and lease of the formation of t                   | NIC50       MIC90         NIC50       MIC90         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.5         0.12       0.5         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06 <td>Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106)'         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)*         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone</td> <td>&gt;16<br/>&gt;4<br/>1<br/>1<br/>1<br/><math>^{1}</math><br/><math>^{16}</math><br/>&gt;16<br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><math>^{30}</math><br/><m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<td>&gt;16<br/>&gt;4<br/>1<br/>2<br/>&gt;16<br/>&gt;16<br/>&gt;8<br/>0.12<br/>0.06<br/>&gt;4<br/>1<br/>2<br/>1<br/>2<br/>1<br/>2<br/>1<br/>0.25<br/>1<br/>1<br/>0.25<br/>1<br/>4<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.12<br/>0.5<br/>0.25<br/>1<br/>0.5<br/>0.25<br/>1<br/>0.12<br/>0.06<br/>&gt;8<br/>0.06<br/>0.25<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>&gt;5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>&gt;5<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>1<br/>&gt;4<br/>&gt;2<br/>1<br/>0.5<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1<br/>1</td> 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Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)*         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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>16<br>>4<br>1<br>1<br>1<br>$^{1}$<br>$^{16}$<br>>16<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{30}$<br>$^{3$ 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| $ \leq 2 - >16  \leq 0.5 - >4  \leq 0.25 - 2  \leq 0.25 - >8  \leq 0.5 - >16  \leq 2 - >16  \leq 0.5 - >8  0.008 - 0.25  \leq 0.008 - 0.12  \leq 0.03 - >4  \leq 0.015 - >2  \leq 0.03 - >4  \leq 0.015 - >2  \leq 0.03 - >4  \leq 0.015 - >2  \leq 0.03 - 0.5  \leq 0.06 - 4  \leq 0.5 - >4  \leq 0.004 - 0.25  \leq 0.008 - 0.25  \leq 0.03 - 4  \leq 0.03 - 4  \leq 0.03 - >4  \leq 0.03 - >4  \leq 0.03 - >4  \leq 0.06 - 1  \leq 0.05 - >2  \leq 0.03 - 0.5  0.015 - 0.25  \leq 0.03 - 0.5  0.015 - 0.25  \leq 0.03 - 0.12  \leq 0.05 - 1  \leq 0.05 - 1  \leq 0.06 - 0.5  = 0.12 - 0.12  = 0.06 - 0.5  = 0.05 - 0.12 - 0.12  = 0.06 - 0.5  = 0.05 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 0.12 - 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19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>7<br>81.8<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>84.8<br>-<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>84.8<br>-<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>82.9<br>-<br>100.0<br>100.0<br>100.0<br>82.9<br>-<br>-<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0                                               | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>69<br>67<br>82<br>20<br>0<br>0<br>0<br>44<br>13<br>0<br>0<br>0<br>38<br>3<br>3<br>3<br>3<br>3<br>14<br>14<br>10<br>0<br>0<br>0<br>3<br>8<br>3<br>3<br>0<br>0<br>0<br>0<br>10<br>10<br>2<br>2<br>2<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                                                                      |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline MI<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>agulase-negative staphylococci (320)<br>ASCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>erococcus spp. (897)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-non-susceptible ( $\geq$ 4) (74)<br>ancomycin-non-susceptible ( $\geq$ 4) (167)<br>er Enterococcus spp. (20)<br>eptococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)<br>enicillin-intermediate (4) (299)<br>enicillin-resistant ( $>$ 4) (86)<br>dans group streptococci (106)                                                                                                                                                                                                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                                                                                                                                                                                                                                                                                                                                                                                                                               | $C_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$C_{50/90},$                                                                                                                                                                                                                                                                                                                                                                                                                            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                                                                                                                                                                                                                                                                                                                                                                                                                                | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{crganisms/o} \\ \hline crganisms/$                   | 6 susceptible) and lease of a susceptible and lease of the formation of t                   | NIC50       MIC90         NIC50       MIC90         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.01       0.12         0.025       0.51         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Penicillin         β-hemolytic streptococci (619) <sup>k</sup> Omadacycline         Tigecycline         Tetracycline         Clindamycin         Linezolid         Daptomycin                                                                                                                                                                                                                                                                  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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>able 1. Omadacycline MI<br>udy (µg/mI).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $\begin{array}{c c} \text{damycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $C_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$S_{50/90}, 0.0$<br>$C_{50/90}, 0.0$<br>$C_{50/90},$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                                                                                                                                                                                                                                                                                                                                                              | $\begin{array}{c} 80.7-81.4\% \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{ble 2} \ occur \\ \textbf{current } \\ current$                                                                                                                                                                                                                                                                                        | 6 susceptible) and lease of a susceptible and lease of the formation of t                   | NIC50         MIC90           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.12         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.012         0.12           0.013         0.12           0.014         0.12           0.015         0.12           0.016         0.12           0.016         0.12           0.016         0.12           0.016         0.12           0.016         0.12           0.016         0.12           0.016         0.12                                                                                                                                                                                                                                 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Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106)'         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)*         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone                                                      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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline MI<br>udy (µg/ml).<br>anisms / Organism Groups<br>ested)<br>anisms / Organism / Organism / Organism<br>ested)<br>anisms / Organism / Organism / Organism<br>ested)<br>anisms / Organism / Orga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         Scoplanin         Penicillin         Phemolytic streptococci (619) <sup>k</sup> Omadacycline         Teicoplanin                                                   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 | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>-<br>100.0<br>57.1<br>97.5<br>48.6<br>83.8<br>100.0<br>100.0<br>100.0<br>-<br>78.1<br>-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62. | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80<br>0<br>69<br>67<br>82<br>20<br>0<br>0<br>0<br>44<br>13<br>0<br>0<br>0<br>38<br>3<br>3<br>3<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                                           |
| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline MI<br>ady (µg/ml).<br>anisms / Organism Groups<br>ested)<br>bhylococcus aureus (2,148)<br>ASSA (1,206)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ARSA (942)<br>gulase-negative staphylococci (320)<br>ARCoNS <sup>a</sup> (119)<br>ARCoNS <sup>b</sup> (201)<br>arococcus spp. (897)<br>erococcus spp. (897)<br>erococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-non-susceptible ( $\geq$ 4) (29)<br>erococcus faecium (241)<br>ancomycin-non-susceptible ( $\geq$ 4) (167)<br>er Enterococcus spp. (20)<br>erotococcus pneumoniae (1,012)<br>enicillin-susceptible ( $\leq$ 2) (627)<br>enicillin-resistant ( $>$ 4) (86)<br>dans group streptococci (106)<br>emolytic streptococci (106)<br>erolytic streptococci (619)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | $\begin{array}{c c} \text{damycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $C_{50/90}, 0.0$<br>.5% suse<br>as agains<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.015<br>3<br>0.0.1%)<br>1<br>0.02%)<br>2<br>0.06%)<br>1<br>0.08%)<br>1<br>0.05%)<br>10<br>0.08%)<br>1<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>10<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)<br>0.05%)0000000000000000000000000000000000 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       0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.12       0.12         0.01       0.12         0.025       0.51         0.036       0.12         0.04       0.12         0.05       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.06       0.12         0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106)'         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         β-hemolytic streptococci (619)*         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone     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| susceptible), clin<br>(MIC <sub>50/90</sub> , 0.5/1 µ<br>ble 1. Omadacycline MI<br>dy (µg/ml).<br>anisms / Organism Groups<br>sted)<br>bhylococcus aureus (2,148)<br>SSA (1,206)<br>RSA (942)<br>gulase-negative staphylococci (320)<br>SCoNS <sup>a</sup> (119)<br>RCoNS <sup>b</sup> (201)<br>rococcus spp. (897)<br>rococcus faecalis (636)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (607)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomycin-non-susceptible ( $\leq$ 4) (74)<br>ancomycin-susceptible ( $\leq$ 4) (74)<br>ancomy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\begin{array}{c c} \text{damycin (MIC}\\ \text{ig/ml; 96.8-99}\\ \hline \textbf{IC distribution}\\ \hline \hline \textbf{0}\\ \hline 0.004 & 0.008\\ \hline 0\\ \hline 0.004\\ \hline 0\\ $                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tetracycline         Piperacillin-tazobactam         Levofloxacin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Ampicillin         Streptococcus pneumoniae (1,012)         Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Vancomycin         Penicillin         Trimethoprim-sulfamethoxazole         Viridans group streptococci (106) <sup>1</sup> Omadacycline         Tigecycline         Tetracycline         Ceftriaxone         Amoxicillin-clavulanic acid         Piperacillin-tazobactam         Levofloxacin         Erythromycin         Clindamycin         Linezolid         Daptomycin         Vancomycin         Teicoplanin         Penicillin         Scoplanin         Penicillin         Phemolytic streptococci (619) <sup>k</sup> Omadacycline         Teicoplanin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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< 0.03 - 0.12 \\ = 0.06 - 0.5 \\ < 0.03 - 0.12 \\ = 0.06 - 0.5 \\ < 0.03 - 0.12$                                                                                                                                           
                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12.9<br>100.0<br>99.6<br>30.7<br>34.0<br>17.8<br>-<br>99.8<br>79.6<br>88.7<br>98.2<br>95.3<br>99.5<br>55.3<br>85.9<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>96.7<br>73.8<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.1<br>-<br>100.0<br>57.1<br>97.5<br>48.6<br>83.8<br>100.0<br>100.0<br>100.0<br>-<br>78.1<br>-<br>100.0<br>54.5<br>100.0<br>100.0<br>-<br>78.1<br>-<br>100.0<br>54.5<br>100.0<br>-<br>78.1<br>-<br>100.0<br>54.5<br>100.0<br>-<br>78.1<br>-<br>100.0<br>54.5<br>100.0<br>-<br>78.1<br>-<br>100.0<br>54.5<br>100.0<br>-<br>78.1<br>-<br>100.0<br>-<br>78.1<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                                                                                                                                                                                                                                                                        | 6.2 0.0 - 0.4 6.2 0.1 9.5 1.1 2.6 0.0 0.6 0.6 0.6 0.6 29.5 - 3.3 12.0 1.0 2.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0 1.9 1.0                                                                                                                                         |                                                                                                                                                                                                                                     | 19.1<br>100.0<br>-<br>30.7<br>32.8<br>17.4<br>-<br>-<br>79.6<br>88.7<br>-<br>99.5<br>55.3<br>86.5<br>100.0<br>100.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>62.0<br>-<br>81.8<br>-<br>100.0<br>100.0<br>89.5<br>82.9<br>82.9<br>82.9<br>82.9<br>82.9<br>-<br>-<br>84.8<br>-<br>100.0<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>84.3<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0                                                                                    | -<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                                                                                                                        | 80.<br>0.<br>69<br>67<br>82<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>200<br>0.<br>-<br>-<br>200<br>0.<br>-<br>-<br>200<br>0.<br>-<br>-<br>200<br>0.<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- |

MSCoNS = Methicillin susceptible coagulase-negative staphylococci b. MRCoNS = Methicillin-resistant coagulase-negative staphylococci

Table 2. Activity of omadacycline and comparator agents when tested against 5,082 Grampositive isolates collected during 2015 in the USA.

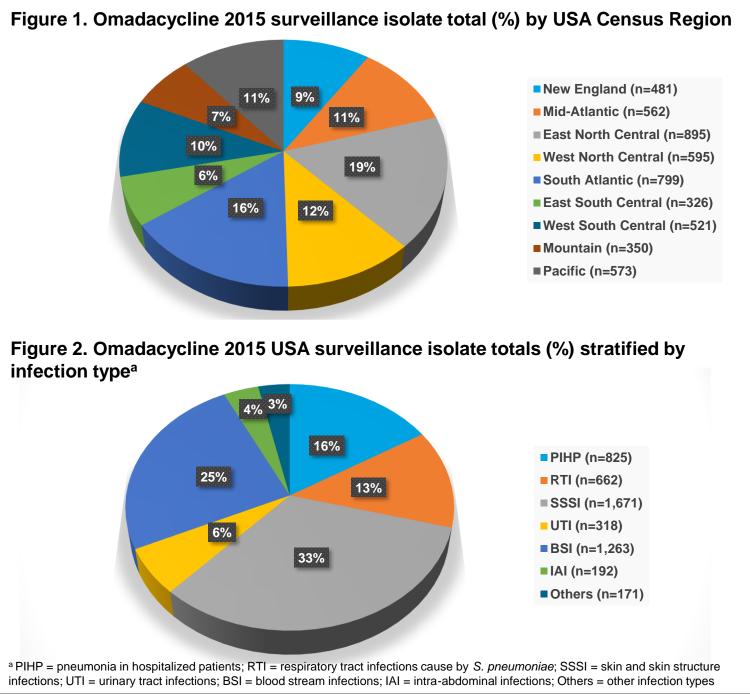
infection type<sup>a</sup>

1.	Clinical
	suscept
	CLSI.
2.	Clinical
	antimic
3.	EUCAS
	January
4.	Tygacil
	Access

d. Uncomplicated UTI only
e. Using Meningitis breakpoints
f. Using Non Meningitis breakpoints

k. Includes: Streptococcus agalactiae (261), S. dysgalactiae (72), S. pyogenes (286)

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# Conclusions

• Omadacycline (MIC<sub>50/90</sub>, 0.12/0.12 µg/ml) was highly active against *S. aureus* isolates with identical MIC<sub>50/90</sub> values against MSSA and MRSA isolates

• MIC<sub>90</sub> values for omadacycline were slightly higher against CoNS (MIC<sub>50/90</sub>, 0.12/0.5 µg/ml) compared to *S. aureus* (MIC<sub>50/90</sub>, 0.12/0.12 µg/ml). All CoNS isolates were inhibited by  $\leq 1 \mu g/ml$  of omadacycline.

• Omadacycline displayed potent in vitro activity against E. faecalis (MIC<sub>50/90</sub>,  $0.06/0.12 \mu g/ml$ ) and *E. faecium* (MIC<sub>50/90</sub>, 0.06/0.12  $\mu g/ml$ ) isolates (including vancomycin-resistant strains), for which drug class comparators, such as tetracycline and doxycycline, demonstrated limited activity.

 Streptococcal isolates including S. pneumoniae (MIC<sub>50/90</sub> 0.06/0.12 µg/ml), viridans group (MIC<sub>50/90</sub> 0.06/0.12  $\mu$ g/ml) and  $\beta$ -hemolytic streptococci (MIC<sub>50/90</sub> 0.06/0.12 µg/ml) were also very susceptible to omadacycline and all isolates were inhibited by  $\leq 0.5 \ \mu g/ml$  of omadacycline.

# Acknowledgements

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