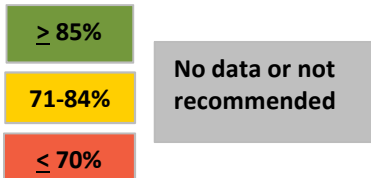


Antibiogram January - December 2021 Richmond CoC



GRAM POSITIVE ORGANISMS

| | N | Penicillin* | Ampicillin/ Amoxicillin† | Cefazolin/ Cephalexin | Cloxacillin‡ | Ceftriaxone | Doxycycline | Macrolides | Clindamycin | Trimethoprim- Sulfamethoxazole | Moxifloxacin | Vancomycin |
|--|-----|-------------|-----------------------------|--------------------------|--------------|-------------|-------------|------------|-------------|-----------------------------------|--------------|------------|
| <i>Staphylococcus aureus</i> (all) | 532 | | 80 | 80 | | 99 | 69 | 78 | 89 | 80 | 100 | |
| methicillin-susceptible | 435 | | 100 | 100 | | 99 | 75 | 83 | 93 | 90 | 100 | |
| methicillin-resistant | 101 | | 0 | 0 | | 98 | 40 | 71 | 73 | 48 | 99 | |
| <i>Staphylococcus lugdunensis</i> | 76 | | 91 | 91 | | 100 | 91 | 91 | 100 | 100 | 100 | |
| <i>Staphylococcus epidermidis</i> | VCH | 0 | 38 | 38 | | 92 | 36 | 54 | 57 | 63 | 100 | |
| Coagulase negative <i>Staphylococcus</i> | 144 | | 79 | 79 | | 97 | 71 | 79 | 90 | 88 | 100 | |
| Viridans group <i>Streptococcus</i> | VCH | 89 | | | 100 | 65 | 66 | 81 | | 87 | 100 | |
| <i>Streptococcus pneumoniae</i> (non-meningitis) | VCH | 100 | | | 100 | 49 | 59 | | | 100 | 100 | |
| <i>Streptococcus pneumoniae</i> (meningitis) | VCH | 80 | | | 100 | | | | | | | |
| <i>Streptococcus pyogenes</i> (GAS) | 66 | 100 | 100 | 100 | 100 | 58 | 74 | 74 | | 100 | 100 | |
| <i>Streptococcus agalactiae</i> (GBS) | 44 | 100 | 100 | 100 | 100 | 32 | 75 | 68 | | 86 | 100 | |
| <i>Enterococcus faecalis</i> | 279 | | 100 | | | 67 | | | | | 100 | |
| <i>Enterococcus faecium</i> | 95 | | 4 | | | 91 | | | | | 34 | |
| vancomycin-susceptible <i>E. faecium</i> | 50 | | 6 | | | 87 | | | | | 100 | |
| vancomycin-resistant <i>E. faecium</i> | 45 | | 2 | | | 95 | | | | | 0 | |

* penicillin predicts all beta lactams for streptococci †= ampicillin predicts piperacillin and imipenem for Enterococci

‡ cloxacillin predicts amoxicillin-clavulanate, piperacillin-tazobactam and carbapenems for Staphylococci

GRAM NEGATIVE ORGANISMS

| | N | Amoxicillin/ Ampicillin | Amoxicillin- Clavulanate | Cefazolin* | Ceftriaxone | Ceftazidime | Trimethoprim- Sulfamethoxazole | Ciprofloxacin | tobramycin | Piperacillin- Tazobactam | Meropenem | Nitrofurantoin (urine) |
|--|-----|----------------------------|-----------------------------|------------|-------------|-------------|-----------------------------------|---------------|------------|-----------------------------|-----------|---------------------------|
| <i>Escherichia coli</i> | 827 | 56 | 87 | 82 | 86 | 87 | 80 | 71 | 91 | 99 | 100 | 98 |
| <i>Klebsiella pneumoniae</i> | 149 | 0 | 92 | 85 | 89 | 83 | 87 | 83 | 95 | 94 | 96 | 51 |
| <i>Klebsiella oxytoca</i> | 34 | 0 | 87 | 60 | 94 | 97 | 100 | 94 | 100 | 89 | 97 | 81 |
| <i>Proteus mirabilis</i> | 79 | 77 | 97 | 63 | 100 | 100 | 79 | 72 | 99 | 100 | 97 | 0 |
| <i>Citrobacter koseri</i> | VCH | 0 | 98 | 91 | 97 | 97 | 98 | 99 | 100 | 98 | 99 | 32 |
| <i>Citrobacter freundii</i> | VCH | 0 | 0 | 0 | 54 | 53 | 75 | 80 | 87 | 67 | 93 | 91 |
| <i>Enterobacter cloacae</i> | VCH | 0 | 0 | 0 | 55 | 59 | 84 | 88 | 95 | 67 | 96 | 35 |
| <i>Klebsiella aerogenes</i> (prev. <i>Enterobacter</i>) | VCH | 0 | 0 | 0 | 72 | 72 | 96 | 93 | 98 | 77 | 98 | 24 |
| <i>Morganella morganii</i> | VCH | 0 | 0 | 0 | 83 | 84 | 71 | 71 | 91 | 99 | 96 | 0 |
| <i>Serratia spp.</i> | 58 | 0 | 0 | 0 | 89 | 95 | 100 | 97 | 97 | 95 | 100 | 0 |
| <i>Pseudomonas aeruginosa</i> | 105 | | | | | 91 | | 90 | 94 | 94 | 92 | |
| <i>Acinetobacter</i> (all) | VCH | 0 | 0 | 0 | 0 | 81 | 94 | 96 | 96 | 90 | 96 | |
| <i>calcoaceticus-baumannii</i> complex | VCH | 0 | 0 | 0 | 0 | 87 | 95 | 97 | 98 | 93 | 96 | |
| NON- <i>calcoaceticus baumannii</i> -complex | VCH | 0 | 0 | 0 | 0 | 78 | 94 | 95 | 94 | 83 | 96 | |

*cefazolin predicts ceftriaxone if not reported