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Department of Anatomy and Neurobiology

Infographics

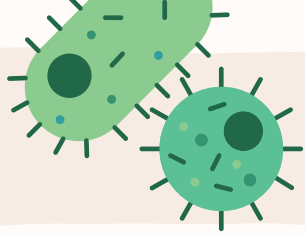
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# Bugs & drugs

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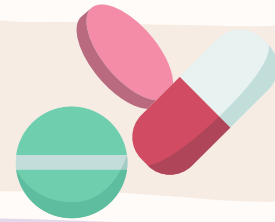
<https://hdl.handle.net/2144/48650>

*Downloaded from DSpace Repository, DSpace Institution's institutional repository*



# BUGS & DRUGS

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## GRAM+ BACTERIA

**MSSA**

**Oral:** cephalexin, cefadroxil, amoxicillin+ clavulanate  
**IV:** cefazolin, oxacillin, nafcillin

**MRSA**



**Oral:** SMX/TMP, doxycycline, clindamycin, linezolid  
**IV:** vancomycin, daptomycin, ceftaroline

**Strep. pyogenes / Strep. agalactiae**



penicillin, amoxicillin, clindamycin

**Strep. pneumoniae /  
Viridans group Streptococci**



ceftriaxone, levofloxacin, amoxicillin+cluvanic acid  
**(vary of penicillin and macrolide resistance)**

**Enterococci**



ampicillin then vancomycin, nitrofurantoin (UTI only)  
**VRE:** linezolid, daptomycin

**Listeria monocytogenes**



ampicillin

## GRAM- BACTERIA

**N. chlamydia**



doxycycline, azithromycin (pregnancy)

**N. gonorrhea**



ceftriaxone

**Pseudomonas aeruginosa**

**Oral:** ciprofloxacin, levofloxacin, delafloxacin  
**IV:** piperacillin+tazobactam, ceftazidime+avibactam, cefepime, imipenem+cilastatin, polymyxins

**E. coli / Klebsiella**



**Oral:** cephalexin, amoxicillin+ clavulanate, SMX/TMP  
**IV:** ceftriaxone, cefepime, piperacillin+tazobactam

**Salmonella typhi**



flouroquinolones, SMX/TMP, ceftriaxone

**NDM producer**  
beta-lactam resistant

Aztreonam + meropenem+vaborbactam