## Appendix 1. Antibiotics included in analysis

|  |  |  |
| --- | --- | --- |
| All antibiotics included | amikacin; amoxicillin; ampicillin; amoxicillin/clavulanate; ampicillin/sulbactam; azithromycin; aztreonam; carbenicillin; cefadroxil; cefazolin; [cefepime](https://www.uptodate.com/contents/cefepime-drug-information?search=cephalosporins&topicRef=480&source=see_link); cefixime; cefotaxime; cefotetan; cefoxitin; cefpodoxime; [ceftaroline](https://www.uptodate.com/contents/ceftaroline-drug-information?search=cephalosporins&topicRef=480&source=see_link); ceftazidime; ceftazidime/avibactam; ceftriaxone; ceftolozane/tazobactam; cefuroxime; cephalexin; cilastatin/imipenem; ciprofloxacin; clarithromycin; clindamycin; daptomycin; delafloxacin; doripenem; doxycycline; ertapenem; erythromycin; gentamicin; imipenem; levofloxacin; linezolid; meropenem; minocycline; moxifloxacin; oxacillin; penicillin G; piperacillin/tazobactam; polymyxin B; tetracycline; ticarcillin; ticacillin/clavulanate; tigecycline; trimethoprim (TMP)/sulfamethoxazole; vancomycin (except oral) | |
| Antibiotics designated as high risk | amikacin; amoxicillin/clavulanate; ampicillin/sulbactam; aztreonam; carbenicillin; [cefepime](https://www.uptodate.com/contents/cefepime-drug-information?search=cephalosporins&topicRef=480&source=see_link); cefixime; cefotaxime; cefotetan; cefoxitin; cefpodoxime; [ceftaroline](https://www.uptodate.com/contents/ceftaroline-drug-information?search=cephalosporins&topicRef=480&source=see_link); ceftazidime; ceftazidime/avibactam; ceftriaxone; ceftolozane/tazobactam; cefuroxime; cilastatin/imipenem; ciprofloxacin; clindamycin; delafloxacin; doripenem; ertapenem; imipenem; levofloxacin; meropenem; moxifloxacin; [piperacillin](https://www.uptodate.com/contents/piperacillin-united-states-not-available-drug-information?topicRef=473&source=see_link); piperacillin/tazobactam, ticarcillin; ticacillin/clavulanate; tigecycline | |
| aminoglycoside | amikacin |
| broad-spectrum penicillins | amoxicillin/clavulanate; ampicillin/sulbactam; carbenicillin; [piperacillin](https://www.uptodate.com/contents/piperacillin-united-states-not-available-drug-information?topicRef=473&source=see_link); piperacillin/tazobactam, ticarcillin; ticacillin/clavulanate |
| carbapenem | cilastatin/imipenem; doripenem; ertapenem; imipenem; meropenem; |
| cephalosporins (except 1st generation) | [cefepime](https://www.uptodate.com/contents/cefepime-drug-information?search=cephalosporins&topicRef=480&source=see_link); cefixime; cefotaxime; cefotetan; cefoxitin; cefpodoxime; [ceftaroline](https://www.uptodate.com/contents/ceftaroline-drug-information?search=cephalosporins&topicRef=480&source=see_link); ceftazidime; ceftazidime/avibactam; ceftriaxone; ceftolozane/tazobactam; cefuroxime |
| clindamycin | clindamycin |
| fluoroquinolones | ciprofloxacin; delafloxacin; levofloxacin; moxifloxacin; |
| glycylcycline | tigecycline |
| monobactam | aztreonam |

## Appendix 2. Graph of temporal changes in risk factors for HA-CDI

















