



Table 3: Suggested Antibiotics, Doses and Duration for Treatment of *Staphylococcus aureus* Infections

Infection type	Penicillin allergy status	Initial IV regimen	Subsequent oral regimen	Total duration of therapy
Catheter-related bacteremia and Cellulitis				
MSSA	Penicillin non-allergic	Nafcillin or oxacillin 50mg/kg up to 2g q4h or Cloxacillin or flucloxacillin or dicloxacillin 25mg/kg up to 1g q6h	Oral cloxacillin, flucloxacillin or dicloxacillin at same dose	2 weeks
	Minor penicillin allergy	Cephalothin 50mg/kg up to 2g q6h or cefazolin 25mg/kg 1g q8h	Oral cephalexin 1g q6h	2 weeks
	Life-threatening penicillin-allergy	Vancomycin 25mg/kg up to 1g q12h	Oral rifampin 600mg daily plus ciprofloxacin 750mg bid or fusidic acid 500mg bid	2 weeks
MRSA	Any of the above	Vancomycin 25mg/kg up to 1g q12h	Oral rifampin 600mg daily plus ciprofloxacin 750mg or fusidic acid 500mg bid	2 weeks
Meningitis				
MSSA	Penicillin non-allergic	Nafcillin or oxacillin 50mg/kg up to 2g q4h or Cloxacillin or flucloxacillin or dicloxacillin 50mg/kg up to 2g q6h	Not recommended	4weeks
	Penicillin-allergy	Vancomycin 25mg/kg up to 1g q12h	Not recommended	4weeks
MRSA	Any of the above	Vancomycin 25mg/kg up to 1g q12h plus rifampin 600mg IV or orally daily	Not recommended	
Acute osteomyelitis, Septic arthritis, Pneumonia, Lung abscess				
MSSA	Penicillin non-allergic	Nafcillin or oxacillin 50mg/kg up to 2g q4h or Cloxacillin or flucloxacillin or dicloxacillin 25mg/kg up to 1g q6h	Oral cloxacillin, flucloxacillin or dicloxacillin at same dose	4weeks

	Minor penicillin allergy	Cephalothin 50mg/kg up to 2g q6h or cefazolin 25mg/kg 1g q8h	Oral cephalixin 1g q6h	4weeks
	Life-threatening penicillin-allergy	Vancomycin 25mg/kg up to 1g q12h	Oral rifampin 600mg daily plus ciprofloxacin 750mg bid or fusidic acid 500mg bid	4 weeks
caMRSA	Any of the above	Clindamycin 10mg/kg up to 450mg q8h	Oral clindamycin 10mg/kg up to 450mg q8h	4 weeks
haMRSA	Any of the above	Vancomycin 25mg/kg up to 1g q12h	Oral rifampin 600mg daily plus ciprofloxacin 750mg bid or fusidic acid 500mg bid	4 weeks
Chronic osteomyelitis				
		As for acute osteomyelitis	As for acute osteomyelitis	3 to 12 months
Prosthetic joint infection				
		As for septic arthritis	As for septic arthritis	6 to 8 weeks IV followed by 6 to 12 weeks oral