

Operation	1 st line prophylaxis regimen	2 nd line regimen: Patients with penicillin allergy	History of MRSA colonisation or infection	Other comments
Primary joint replacement	Flucloxacillin 2g IV stat plus gentamicin 3mg/kg IV stat.	Teicoplanin 600mg IV stat plus gentamicin 3mg/kg IV stat.	Teicoplanin 600mg IV stat plus gentamicin 3mg/kg IV stat.	
Hip fracture	Teicoplanin 600mg IV stat plus gentamicin 3mg/kg IV stat.	As per 1 st line.	As per 1 st line.	
Open fracture repair	Co-amoxiclav 1.2g IV stat	Teicoplanin 600mg IV stat plus gentamicin 3mg/kg IV stat plus metronidazole 400mg IV stat.	Augmentin 1.2g IV stat plus teicoplanin	Continue for 72hrs or until skin closure, whichever is soonest. For patients on 2 nd line agents, liaise with microbiology for follow on therapy.
Other trauma surgery	Flucloxacillin 2g IV stat.	Teicoplanin 600mg IV stat.	Teicoplanin 600mg IV stat.	
Revision joint replacement (organism unknown)	Teicoplanin 12mg/kg† (round to the nearest 50mg) IV BD x3 doses then 12mg/kg IV OD, plus piperacillin/tazobactam 4.5g IV TDS until culture results known.	Discuss with duty Microbiologist.	As per 1 st line.	Aim to take 7 deep culture samples prior to antibiotics.
Revision joint replacement (organism known)	Liaise with Consultant Microbiologist prior to surgery. Aim to take 7 deep culture samples prior to antibiotics. Treat as per previous culture and sensitivity results. Consider extra antibiotics in cement.			