

Vascular and Limb

VASCULAR & LIMB SURGERY					
Type of surgery	Is surgical prophylaxis required? ⁴	Prophylactic Antibiotic of choice	Penicillin allergy (NOT severe hypersensitivity reaction/anaphylaxis)	Severe hypersensitivity reaction/anaphylaxis to penicillins	Max duration of prophylaxis ²
Lower limb amputation	Recommended	Co-amoxiclav	Cefuroxime + Metronidazole	Clindamycin + Gentamicin	≤24 hours
Vascular surgery (abdominal and lower limb arterial reconstruction) AAA repair, EVAR, carotid endarterectomy, lower limb revascularisation	Recommended	Co-amoxiclav	Cefuroxime + Metronidazole	Vancomycin + Gentamicin + Metronidazole	≤24 hours
Varicose veins	Not recommended A single dose could be considered in patients undergoing groin surgery*	Co-amoxiclav	Cefuroxime + Metronidazole	Vancomycin + Gentamicin + Metronidazole	Single dose
Soft tissue surgery of the hand	Should be considered	Co-amoxiclav	Cefuroxime + Metronidazole	Clindamycin	Single dose
<ul style="list-style-type: none"> * Single dose prophylaxis may be beneficial in patients undergoing groin surgery for varicose veins especially if patients are obese or current smokers ⁶ Consider addition of Vancomycin if MRSA high risk/known colonisation 					