

Galway: GAPP - Galway Antimicrobial Prescribing Policy / Guidelines (GAPP): Vascular Surgery and Limb Amputation

Antibiotics for Vascular Surgery and Limb Amputation					
Type of Surgery	Procedure	1st Line Antibiotic	Penicillin allergy: delayed onset non-severe reaction	Penicillin allergy: immediate or severe delayed reaction	Number & Timing of Doses
			See penicillin hypersensitivity section for further information	See penicillin hypersensitivity section for further information	
Prophylaxis in Vascular Surgery & Limb Amputation See Note Regarding Risk Factors for MRSA See Note Regarding Multi-drug Resistant Organisms (MDRO)	Abdominal aortic aneurysm repair (including EVAR)	Co-amoxiclav IV 1.2g every 8 hours for a total of 3 doses (24 hour cover)	CefUROXime IV 1.5g every 8 hours for a total of 3 doses (24 hour cover)	Teicoplanin IV 10mg/kg* (Max 800mg) every 12 hours for a total of 2 doses (24 hour cover)	1 st dose within 60 minutes before incision and continued for 24 hours
	Carotid endarterectomy	If risk factors for or colonised with MRSA	+	+	
	Lower limb revascularisation (eg femoropopliteal by-pass)	Add Teicoplanin IV 10mg/kg* (Max 800mg) every 12 hours for a total of 2 doses (24 hour cover)	Metronidazole IV 500mg every 8 hours for a total of 3 doses (24 hour cover)	+	Gentamicin IV one dose only, dose per GAPP App calculator
	Lower extremity amputation		If risk factors for or colonised with MRSA Add Teicoplanin IV 10mg/kg* (Max 800mg) every 12 hours for a total of 2 doses (24 hour cover)	+	Metronidazole IV 500mg every 8 hours for a total of 3 doses (24 hour cover)
* Discuss dosing in obese patients with Microbiology, Infectious Diseases or Pharmacy					