

Letterkenny University Hospital - LUH Antimicrobial Prescribing Policy/Guidelines: Breast Surgery

Antibiotics for Breast Surgery					
Type of Surgery	Procedure	1 st Line Antibiotic	Penicillin allergy:	Penicillin allergy:	Number & Timing of Doses
			delayed onset non-severe reaction	immediate or severe delayed reaction	
			See penicillin hypersensitivity section for further information		
Prophylaxis in Breast Surgery See Note Regarding Risk Factors for MRSA	Surgery for benign breast lump where no axillary procedure performed	Surgical prophylaxis generally not indicated.			
See Note Regarding Multi-drug Resistant Organisms (MDRO)	Breast surgery (including mastectomy, wide local excision, axillary clearance, breast reduction, duct excision)	Flucloxacillin IV 1g (one dose only) If risk factors for or colonised with MRSA Replace Flucloxacillin with Teicoplanin IV 10mg/kg (Max 800mg*) (one dose only)	CefUROXime IV 1.5g (one dose only) If risk factors for or colonised with MRSA Replace CefUROXime with Teicoplanin IV 10mg/kg (Max 800mg*) (one dose only)	Teicoplanin IV 10mg/kg (Max 800mg*) (one dose only)	One dose within 60 minutes before incision.
	Reconstructive breast surgery with or without tissue expander	Co-amoxiclav IV 1.2g every 8 hours (up to maximum 3 doses) If risk factors for or colonised with MRSA Add Teicoplanin IV 10mg/kg (Max 800mg*) every 12 hours (up to maximum 2 doses)	CefUROXime IV 1.5g every 8 hours (up to maximum 3 doses) If risk factors for or colonised with MRSA Add Teicoplanin IV 10mg/kg (Max 800mg*) every 12 hours (up to maximum 2 doses)	Teicoplanin IV 10mg/kg (Max 800mg*) every 12 hours (up to maximum 2 doses) + Gentamicin IV one dose only, dose per GAPP App calculator	1 st dose within 60 minutes before incision. Maximum 24 hours duration.
* Discuss dosing in obese patients with Microbiology or Pharmacy.					