

Infection prevention and control programme: measures and quality and safety markers

Programme	Marker		Definition	Compliance target
Hand hygiene	Process marker 1	QSM	Percentage of opportunities for hand hygiene taken according to the World Health Organization's '5 Moments for Hand Hygiene'	80%
	Outcome marker 1	QSM	Rate of healthcare-associated <i>Staphylococcus aureus</i> bacteraemia per 1,000 bed-days	
Surgical site infection improvement programme – orthopaedic ¹	Process marker 1	QSM	Timing: Percentage of hip and knee arthroplasty primary procedures where antibiotic given 0–60 minutes before 'knife to skin'	100%
	Process marker 2	QSM	Dosing: Percentage of hip and knee arthroplasty procedures where 2 g or more cefazolin or 1.5 g or more cefuroxime given	95%
	Process marker 3	Former QSM ²	Skin preparation: Percentage of orthopaedic procedures with appropriate skin antisepsis in surgery using alcohol/chlorhexidine or alcohol/povidone iodine	100%
	Process marker 4		Postoperative antibiotic duration: Surgical antimicrobial prophylaxis is discontinued within 24 hours	100%
	Outcome marker 1	QSM	Rate of surgical site infections per 100 hip and knee procedures	
Surgical site infection improvement programme – cardiac	Process marker 1	QSM	Timing: Percentage of cardiac procedures where antibiotic given 0–60 minutes before 'knife to skin'	100%
	Process marker 2	QSM	Dosing: Percentage of cardiac procedures where 2 g or more cefazolin for adult patients and ≥ 30 mg/kg for paediatric patients given	95%
	Process marker 3	QSM	Skin preparation: Percentage of cardiac procedures with appropriate skin antisepsis in surgery using alcohol/chlorhexidine or alcohol/povidone iodine	100%
	Process marker 4		Postoperative antibiotic duration: Surgical antimicrobial prophylaxis is discontinued within 48 hours	100%
	Outcome marker 1	QSM	Rate of surgical site infections per 100 cardiac procedures	

¹ Orthopaedic process measures: Since October 2020, health districts can opt for orthopaedic light surveillance monitoring, where process measure data is required for surgical site infection cases only. Health districts using the full surveillance report process measure data for all patients.

² Orthopaedic skin preparation was discontinued as a quality and safety marker on 1 July 2016. Districts are no longer required to report this data.