

Scottish Antimicrobial Prescribing Group
Surgical Prophylaxis Indicator Report
September 2011

Background

The CDI HEAT target for 2009-11 has been reviewed by the HAI Task Force and a new CDI target from April 2011 has been set using a 'best in class' approach so that by March 2013 the rate of CDI in patients aged 65 and over is 0.39 cases or less per 1000 total occupied bed days in all NHS boards.

To support NHS boards in achieving and maintaining this target the Scottish Antimicrobial Prescribing Group (SAPG) has reviewed the supporting prescribing indicators to evaluate their success in assuring that antibiotics with a high risk of CDI are not routinely used.

This report details compliance with the surgical prophylaxis indicator. Data included in the report are for the period April – June 2011.

Surgical prophylaxis: A single dose of a policy compliant antibiotic is given to elective colorectal patients requiring surgical prophylaxis in $\geq 95\%$ of sampled cases

Method

Surgical prophylaxis data are collected on elective colorectal procedures or in general surgery that includes colorectal surgery in NHS boards where this specialty is not available. A case is compliant if a single dose of surgical antibiotic prophylaxis is given that is compliant with the local surgical antibiotic prophylaxis policy.

Results

The median compliance (range) is reported for each of the surgical prophylaxis measures:

Surgical Prophylaxis (Colorectal)

Single Dose: 100% (86% - 100%)

Policy Compliant: 93% (10% - 100%)

10 of 14 boards are submitting data for surgical prophylaxis. Four boards that have not submitted data have resource problems or do not have colorectal speciality within their board (applicable to two island boards).

For the surgical prophylaxis indicator, 70% of boards submitting data have achieved the target for single dose and 50% of boards achieved the target for compliance with policy.

Surgical Prophylaxis (Elective Colorectal) April 2011 – June 2011

	Sample Size	Single Dose	>=95%	Policy Compliant	>=95%
Ayrshire and Arran	17	100%	Yes	10%	
Borders	24	90%		100%	Yes
Dumfries and Galloway	15	100%	Yes	91%	
Fife					
Forth Valley	50	95%	Yes	100%	Yes
Grampian	47	100%	Yes	95%	Yes
Greater Glasgow and Clyde	190	89%		60%	
Highland	44	100%	Yes	100%	Yes
Lanarkshire					
Lothian	51	86%		12%	
Orkney					
Shetland					
Tayside	80	99%	Yes	99%	Yes
Western Isles	20	100%	Yes	83%	
Submitting Data = 10 of 14	538	100%	7 of 10	93%	5 of 10
	Total Number of Patients	Median Compliance	Boards Achieving Target	Median Compliance	Boards Achieving Target