



Quality Account 2015/2016

Specialty Quality Indicators



UHB Quality Account Update 2015-2016

Specialty Quality Indicators

Speciality	Indicator	Goal	Percentage Apr 13 - Mar 14	Percentage Apr 14 - Mar 15	Numerator Apr 15 - Mar 16	Denominator Apr 15 - Mar 16	Percentage Apr 15 - Mar 16	Data Source	Benchmarking
Ambulatory Care	Patients who were intended to be treated as a day case but were admitted to hospital as an inpatient	<5%	3.7%	4.1%	824	20677	4.0%	Lorenzo Galaxy	
Anaesthetics	Post operative nausea and vomiting: All high risk patients (Ear, Nose and Throat, General Surgery and Laparoscopic Surgery) should be prescribed with antiemetics (anti-sickness medication) so they can be given promptly after the operation if they need them	No goal currently	82.3%	90.4%	2477	2787	88.9%	Lorenzo PICS	
Anaesthetics	Post operative nausea and vomiting: Percentage of high risk patients who did not require anti-sickness medication after their operation	No goal currently	70.9%	70.7%	1970	2787	70.7%	Lorenzo PICS	

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Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	251	0.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - <i>C.difficile</i> infection	No goal currently	0.0%	0.4%	0	251	0.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	8.5%	6.6%	20	248	8.1%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100.0%	100.0%	100.0%	248	248	100.0%	PATS PICS	2011 Cleveland Clinic: 100% Use of a peri-operative beta blocker
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on statins	100%	99.5%	99.2%	229	230	99.6%	PATS PICS	2011 Cleveland Clinic: 100%
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients on betablockers who were given them on the day of surgery	100.0%	89.0%	94.7%	115	118	97.5%	PATS PICS	

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Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Post-operative stroke	<2%	0.5%	0.0%	3	251	1.2%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	7.3%	7.6%	9	251	3.6%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	13 days	10 days	---	8	9 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Median post-operative length of stay	8 days	9 days	7 days	---	7	7 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Hospital survival (risk adjusted mortality available on SCTS website: www.scts.org)	n/a See risk adjusted data	96.9%	97.8%	248	251	98.8%	PATS	Risk-adjusted mortality data for the UK is available on the Society for Cardiothoracic Surgery in Great Britain & Ireland website: www.scts.org (Data is contained in the Blue Book Online)

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Cardiology	Percentage of patients discharged on dual antiplatelet therapy following percutaneous coronary intervention (PCI)	100%	100.0%	100.0%	706	706	100.0%	Lorenzo PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	100.0%	99.5%	227	230	98.7%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	99.2%	98.5%	225	227	99.1%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	99.6%	98.0%	215	221	97.3%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	100.0%	99.5%	225	227	99.1%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	98.7%	94.8%	217	219	99.1%	CHD database PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	89.2%	94.2%	203	225	90.2%	Lorenzo PICS	

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Critical Care	Unplanned readmissions to Critical Care within 48 hours of discharge from Critical Care (live discharges only)	<4%	1.4%	2.0%	60	4481	1.3%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	6.4%	9.0%	317	2631	12.0%	PICS	
Dementia	Percentage of patients with Dementia who died and had at least 3 out of the following 4 medications prescribed to be taken as required during their stay in hospital: analgesics, sedation to reduce agitation, anti-emetics (anti-sickness medication) and anti-secretory medication	>90%	67.2%	63.4%	197	283	69.6%	Lorenzo PICS	
Dermatology	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	97.9%	83.2%	2474	2501	98.9%	Lorenzo Somerset	

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Diabetes	Percentage of patients under Diabetic Centre follow up (attending follow-up outpatient appointments) who have a major lower limb amputation (e.g., leg)	0%	0.2%	0.1%	6	3576	0.2%	Lorenzo	
Diabetes	Percentage of patients under Diabetic Centre follow up (attending follow-up outpatient appointments) who have a minor lower limb amputation (e.g. foot, toe)	0%	0.4%	0.5%	27	3576	0.8%	Lorenzo	
Ear, Nose & Throat (ENT) Surgery	All patients undergoing cochlear implantation should have a post operative skull x-ray or CT Scan	100%	100.0%	100.0%	81	81	100.0%	Lorenzo PICS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100.0%	100.0%	62	62	100.0%	Lorenzo PICS	
Gastroenterology	Patients with inflammatory bowel disease admitted under the care of Gastroenterology Consultants who receive low molecular weight (LMW) heparin medication	>90%	98.0%	100.0%	38	40	95.0%	Lorenzo PICS	

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Heart Failure	Patients with a primary diagnosis of acute heart failure discharged on angiotensin converting enzyme (ACE) inhibitors or angiotensin receptor blockers (ARBs)	>93%	54.3%	49.5%	360	773	46.6%	Lorenzo PICS PRISM	
Heart Failure	Patients with a primary diagnosis of acute heart failure who had an echocardiogram (ECHO) within 3 months prior to or 1 month post discharge	100%	67.4%	67.4%	471	762	61.8%	Lorenzo	
Imaging	Emergency Department patients who have report turnaround time of less than or equal to 4 days for CT scan	>99%	99.1%	99.4%	7854	7873	99.8%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for plain imaging	>99%	92.6%	85.4%	27228	32278	84.4%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	97.6%	94.4%	7516	7926	94.8%	CRIS	

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Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	98.1%	99.0%	14757	14826	99.5%	CRIS	
Imaging	Proportion of Inpatients who have report turnaround time of less than or equal to 4 days for MRI	>85%	92.2%	97.0%	4366	4467	97.7%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.5%	99.6%	12896	12982	99.3%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	---	84.7%	19123	22147	86.3%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	---	79.0%	20749	24154	85.9%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	97.6%	97.4%	20155	20687	97.4%	CRIS	

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Liver Medicine	Patients who have endoscopic retrograde cholangio-pancreatography (ERCP) who develop pancreatitis. ERCP involves a doctor examining the common bile duct and pancreatic duct through a flexible tube which is passed down the mouth, stomach and into the small intestine (bowel)	<5%	0.8%	2.3%	5	416	1.2%	Unisoft Lorenzo PICS	
Liver Medicine/ Surgery	90 day patient mortality (%) with 95% confidence intervals for adult elective patients who received a first liver transplant (where available)	<10%	3.4% (1.3% - 7.6%)	2.0%	Not available yet			RCS Annual Audit / UHB Liver database	National 13/14: 4.0% (3.4%, 5.5%)
Liver Medicine/ Surgery	90 day graft loss (%) with 95% confidence intervals for adult elective patients who received a first liver transplant (where available)	<20%	6.2% (3.4% - 11.8%)	4.0%	Not available yet			RCS Annual Audit / UHB Liver database	National 13/14: 7.6% (5.5%, 9.7%)
Liver Transplant	The percentage use of the anti-viral medication Valganciclovir in recipients of CMV (Cytomegalovirus) positive liver grafts	100%	97.1%	100.0%	44	45	97.8%	Liver database PICS	

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Maxillofacial Surgery	Percentage of emergency admissions with fractured mandible (lower jaw) who are operated on the same or next day	>90%	---	79.3%	137	180	76.1%	Lorenzo	
Neurosurgery	Percentage of emergency sub-arachnoid haemorrhage patients who had coiling or surgery within 2 days, including cases where intervention was deferred for medical reasons	>90%	89.7%	88.7%	61	64	95.3%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	99.7%	99.6%	244782	246224	99.4%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	99.1%	99.2%	37776	38155	99.0%	Telepath	
Pathology	Turnaround times: Urine negative results only - Time received to time of authorisation <24 hours (received Mon 00:00 – Fri 23:59)	>90%	79.9%	45.4%	18256	25192	72.5%	Telepath	
Pathology	Turnaround time: Full Blood Count within 24 hours	100%	99.1%	99.1%	399747	403068	99.2%	Telepath	

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Pharmacy	Pharmacy error rate per 100,000 items/lines dispensed	<15	7	6	24	421993	6	Pharmacy database, Datix	
Renal Medicine	Percentage of patients on haemodialysis programme with a urea reduction ratio (URR) of >65%: all patients on haemodialysis	>90%	94.4%	93.8%	9962	10533	94.6%	MARS	
Renal Medicine	Percentage of patients on haemodialysis programme with a urea reduction ratio (URR) of >65%: patients who have been on haemodialysis for 90 days or more	>90%	94.7%	94.6%	9744	10270	94.9%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	93.5%	94.3%	356	370	96.2%	PICS	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - NURSES ONLY	>85%	85.6%	82.2%	420	514	81.7%	Optims	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - DOCTORS ONLY	>95%	90.1%	90.0%	989	1083	91.3%	Optims	

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Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	1.0%	1.2%	208	25661	0.8%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	100.0%	100.0%	55117	55117	100.0%	Sexual Health database	
Stroke Medicine**	In hospital mortality following stroke	<20%	-	8.5%	27	535	5.0%	SSNAP	
Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	85.8%	94.4%	95	114	83.3%	Lorenzo	
Therapy Services	Physiotherapy inpatient needs are responded to on the same day as they are identified to the service	>95%	91.1%	91.6%	21407	21594	99.1%	Therapy database	
Therapy Services*	Physiotherapy inpatient needs are responded to within two working days of being identified to the service	>98%	95.4%	95.6%	21576	21594	99.9%	Therapy database	
Therapy Services	Occupational therapy: In-patient needs are responded to within two working days of being identified to the service	>95%	---	99.2%	8557	8629	99.2%	Therapy database	

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Trauma & Orthopaedics	Percentage of patients who had surgery within 48 hours of admission for fractured neck of femur (fractured hip)	>90%	89.3%	86.9%	241	273	88.3%	Lorenzo Galaxy	
Trauma & Orthopaedics	Percentage of patients who had surgery within 36 hours of admission for fractured neck of femur (fractured hip)	>80%	84.3%	81.3%	227	273	83.2%	Lorenzo Galaxy	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had an ultrasound within 24 hours of admission	>90%	74.6%	83.7%	200	241	83.0%	Lorenzo PICS	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	94.4%	99.4%	405	410	98.8%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	94.6%	97.6%	792	804	98.5%	Lorenzo	

*From April 2016 this will be replaced by a new indicator: "Major Trauma Centre patients who have a rehab prescription before discharge"

**methodology updated as new data source in use, starting April 2014. Older data removed as it cannot be directly comparable.

Datix	Incident database
Galaxy	Theatres database
Lorenzo	Patient administration system
MARS	Renal database
Optims	Outpatient Tracking Information Management System
PATS	Cardiac database
PICS	Prescribing and Information Communication System
PRISM	Cardiology and Respiratory Patient Tracking System
Somerset	Cancer database
SSNAP	Sentinel Stroke National Audit Programme
Telepath	Laboratory database
Unisoft	Gastroenterology database