



Quality Account 2014/2015

Specialty Quality Indicators



UHB Quality Account 2014-2015

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Speciality	Indicator	Goal	Percentage Apr 12-Mar 13	Percentage Apr 13-Mar 14	Numerator Apr 14-March 15	Denominator Apr 14-March 15	Percentage Apr 14-March 15	Data Source	Benchmarking
Ambulatory Care	Patients who were intended to be treated as a daycase but were admitted to hospital as an inpatient	<5%	4.3%	3.7%	849	20809	4.1%	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	86.7%	82.3%	2678	2961	90.4%	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	69.0%	70.9%	2093	2961	70.7%	Lorenzo PICS	
Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	278	0.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - <i>C.difficile</i> infection	No goal currently	0.0%	0.0%	1	278	0.4%	PATS Lorenzo	
Cardiac Surgery*	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	8.1%	8.5%	16	252	6.3%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on angiotensin converting enzyme (ACE) inhibitors	100%	100.0%	98.8%	231	234	98.7%	PATS PICS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100%	100.0%	100.0%	271	271	100.0%	PATS PICS	2011 Cleveland Clinic: 100% Use of a peri-operative beta blocker

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Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on statins	100%	100.0%	99.5%	246	248	99.2%	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%	96.4%	89.0%	142	150	94.7%	PATS PICS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Post-operative stroke	<2%	0.8%	0.5%	0	278	0.0%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	5.0%	7.3%	21	278	7.6%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	11 days	13 days	---	278	10 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Median post-operative length of stay	8 days	8 days	9 days	---	278	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	97.5%	96.9%	272	278	97.8%	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)
Cardiology	Percentage of patients discharged on dual antiplatelet therapy following percutaneous coronary intervention (PCI)	100%	100.0%	100.0%	563	563	100.0%	Lorenzo PICS	

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Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	100.0%	100.0%	201	202	99.5%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	99.1%	99.2%	195	198	98.5%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	99.0%	99.6%	194	198	98.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	100.0%	100.0%	203	204	99.5%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	99.1%	98.7%	184	194	94.8%	CHD database PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	87.1%	89.2%	195	207	94.2%	Lorenzo PICS	
Critical Care	Unplanned readmissions to Critical Care within 48 hours of discharge from Critical Care (live discharges only)	<4%	1.5%	1.4%	76	3861	2.0%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	7.8%	6.4%	203	2765	7.3%	Lorenzo 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%	65.8%	67.2%	180	284	63.4%	Lorenzo PICS	
Dermatology*	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	97.9%	97.9%	1595	1950	81.8%	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%	0.2%	3	8277	0.0%	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%	0.3%	0.4%	17	8277	0.2%	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%	68	68	100.0%	Lorenzo PICS	
Emergency Department	CT head scans performed within 1 hour of arrival to the Emergency Department	n/a	30.0%	32.6%	1184	4260	27.8%	Oceano CRIS	
Emergency Department	CT head scans performed within 1-2 hours of arrival to the Emergency Department	n/a	35.3%	37.2%	1488	4260	34.9%	Oceano CRIS	
Emergency Department	CT head scans performed within 2-3 hours of arrival to the Emergency Department	n/a	24.0%	21.1%	1143	4260	26.8%	Oceano CRIS	
Emergency Department	CT head scans performed in more than 3 hours of arrival to the Emergency Department	<10%	10.7%	9.1%	445	4260	10.4%	Oceano CRIS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100.0%	100.0%	81	81	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%	89.0%	98.0%	85	85	100.0%	Lorenzo PICS	
Heart Failure	Patients with a primary diagnosis of acute heart failure discharged on angiotensin converting enzyme (ACE) inhibitors or angiotensin receptor blockers (ARBs)	>93%	54.0%	54.7%	316	639	49.5%	Lorenzo PICS PRISM	

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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%	64.0%	67.4%	430	638	67.4%	Lorenzo PICS PRISM	
Imaging	Emergency Department patients who have report turnaround time of less than or equal to 4 days for CT scan	>99%	98.8%	99.1%	6613	6652	99.4%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for plain imaging	>99%	97.7%	92.6%	27279	31937	85.4%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	99.8%	97.6%	7863	8329	94.4%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	97.5%	98.1%	13916	14057	99.0%	CRIS	
Imaging	Proportion of Inpatients who have report turnaround time of less than or equal to 4 days for MRI	>85%	90.0%	92.2%	4305	4438	97.0%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.6%	99.5%	12133	12180	99.6%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	---	---	17789	20990	84.7%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	---	---	18115	22942	79.0%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	98.6%	97.6%	19138	19648	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%	1.9%	0.8%	11	436	2.5%	Unisoft Lorenzo PICS	
Liver Medicine/ Surgery	90 day patient mortality (%) with 95% confidence intervals for adult elective patients who received a first liver transplant	<10%	6.8% (3.7%, 12.2%)	Not available yet	Not available yet			RCS Annual Audit	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	<20%	10.1% (6.2%, 16.2%)	Not available yet	Not available yet			RCS Annual Audit	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%	100.0%	97.1%	39	39	100.0%	Liver db PICS	
Maxillofacial Surgery	Percentage of emergency admissions with fractured mandible (lower jaw) who are operated on the same or next day	>90%	---	---	142	179	79.3%	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%	88.7%	89.7%	63	71	88.7%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	98.7%	99.7%	230382	231392	99.6%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	95.6%	99.1%	27767	27994	99.2%	Telepath	
Pathology	Turnaround time: Urine within 48 hours	>90%	82.0%	79.9%	35577	50164	70.9%	Telepath	
Pathology	Turnaround time: Full Blood Count within 24 hours	100%	98.6%	99.1%	375233	378520	99.1%	Telepath	

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Pharmacy	Pharmacy error rate per 100,000 items/lines dispensed	<15	17	7	29	483790	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%	93.7%	94.4%	8867	9452	93.8%	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%	94.1%	94.7%	8610	9097	94.6%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	94.0%	93.5%	332	352	94.3%	PICS	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - NURSES ONLY	>85%	77.4%	85.6%	438	533	82.2%	Optims	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - DOCTORS ONLY	>95%	84.1%	90.1%	1545	1717	90.0%	Optims	
Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	1.4%	1.0%	298	24081	1.2%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	99.8%	100.0%	35114	35119	100.0%	Sexual Health database	
Stroke Medicine*	In hospital mortality following stroke	<20%	-	8.7%	44	518	8.5%	SSNAP	
Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	90.7%	85.8%	101	107	94.4%	Lorenzo	
Therapy Services	Physiotherapy inpatient needs are responded to on the same day as they are identified to the service	>95%	95.1%	91.1%	19998	21823	91.6%	Therapy database	

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Therapy Services	Physiotherapy inpatient needs are responded to within two working days of being identified to the service	>98%	98.3%	95.4%	20862	21823	95.6%	Therapy database	
Therapy Services	Occupational therapy: In-patient needs are responded to within two working days of being identified to the service	>95%	---	---	8388	8454	99.2%	Therapy database	
Trauma & Orthopaedics	Percentage of patients who had surgery within 48 hours of admission for fractured neck of femur (fractured hip)	>90%	87.1%	89.3%	290	333	87.1%	Lorenzo Galaxy	
Trauma & Orthopaedics	Percentage of patients who had surgery within 36 hours of admission for fractured neck of femur (fractured hip)	>80%	78.2%	84.3%	271	333	81.4%	Lorenzo Galaxy	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had an ultrasound within 24 hours of admission	>90%	62.6%	74.6%	174	208	83.7%	Lorenzo PICS	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	93.5%	94.4%	328	330	99.4%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	95.8%	94.6%	686	703	97.6%	Lorenzo	

*data is for April 2014 to February 2015: indicator runs 1 month in arrears

Key	
CHD database	Coronary Heart Disease database
CRIS	Radiology database
Datix	Incident database
Galaxy	Theatres database
Lorenzo	Patient administration system
MARS	Renal database
Oceano	Emergency Department patient management system
Optims	Outpatient Tracking Information Management System
PATS	Cardiac database
PICS	Prescribing and Information Communication System

PRISM	Cardiology and Respiratory Patient Tracking System
RCS	Royal College of Surgeons
Somerset	Cancer database
SSNAP	Sentinel Stroke National Audit Programme
Telepath	Laboratory database
Unisoft	Gastroenterology database

Methodology updates since 2013/14 report

Cardiac Surgery - UHB patients who undergo their surgery at a private hospital are no longer included.

Heart Failure (echo) - revised to include patients who receive an echo up to one month post-discharge.

Imaging - methodology changed from working days to calendar days. Also target times revised.

Maxillofacial surgery - methodology changed from looking at 'one day' to '24 hours'.

Neurosurgery - indicators looking at average times removed, now focus on proportion of cases where target time is met.

Therapies - indicators reinstated.

Upper Gastrointestinal Medicine (gallstones) - now only measures patients who required a scan rather than all patients.

Acute Medicine indicators have been removed

Palliative Care indicators have been removed

Urology indicator has been removed