



University Hospitals
Birmingham
NHS Foundation Trust

Specialty Quality Indicators

Q2 2017-2018

UHB Quality Account Update 2017–2018 Quarter 2

Specialty Quality Indicators

Speciality	Indicator	Goal	Percentage Apr15 - Mar16	Percentage Apr16 - Mar17	Numerator Apr17 - Sep17	Denominator Apr17 - Sep17	Percentage Apr17 - Sep17	Data Source	Benchmarking
Ambulatory Care	Patients who were intended to be treated as a daycase but were admitted to hospital as an inpatient	<5%	4.0%	4.4%	490	10744	4.6%	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	88.9%	89.7%	1342	1489	90.1%	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	70.7%	67.4%	1029	1489	69.1%	Lorenzo PICS	
Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	164	0.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - <i>C.difficile</i> infection	No goal currently	0.0%	0.3%	1	164	0.6%	PATS Lorenzo	
Cardiac Surgery*	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	8.1%	5.4%	10	139	7.2%	PATS Lorenzo	

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Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100%	100%	100%	159	160	99.4%	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%	99.6%	100%	137	142	96.5%	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%	97.5%	97.4%	78	81	96.3%	PATS PICS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Post-operative stroke	<2%	1.2%	0.3%	1	164	0.6%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	3.6%	5.5%	9	164	5.5%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	9 days	8.4 days	---	9.5	8.4 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Median post-operative length of stay	8 days	7 days	6 days	---	7	6 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	98.8%	99.7%	160	164	97.6%	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%	100%	253	253	100%	Lorenzo PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	98.7%	99.5%	120	121	99.2%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	99.1%	100%	123	123	100%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	97.3%	100%	116	117	99.1%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	99.1%	100%	122	122	100%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	99.1%	98.9%	112	113	99.1%	CHD database PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	90.2%	84.8%	82	93	88.2%	Lorenzo, PICS	
Critical Care	Unplanned readmissions to Critical Care within 48 hours of discharge from Critical Care (live discharges only)	<4%	1.3%	1.0%	37	2159	1.7%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	12.0%	12.8%	171	1491	11.5%	Lorenzo PICS	

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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%	69.6%	66.5%	106	131	80.9%	Lorenzo PICS	
Dermatology*	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	98.9%	96.4%	1095	1224	89.5%	Lorenzo, Somerset	
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%	2	2550	0.1%	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%	0.8%	0.4%	11	2550	0.4%	Lorenzo	
Ear, Nose & Throat (ENT) Surgery**	All patients undergoing cochlear implantation should have a post operative skull x-ray or CT Scan	100%	100%	96.0%	26	32	81.3%	Lorenzo PICS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100%	100%	33	33	100%	Lorenzo PICS	
Gastro-enterology	Patients with inflammatory bowel disease admitted under the care of Gastroenterology Consultants who receive low molecular weight (LMW) heparin medication	>90%	95.0%	94.4%	37	37	100%	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%	46.6%	43.2%	133	272	48.9%	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%	61.8%	62.1%	175	261	67.0%	Lorenzo PICS PRISM	
Imaging	Emergency Department patients who have report turnaround time of less than or equal to 4 days for CT scan	>99%	99.8%	100%	4499	4501	100%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for plain imaging	>99%	84.4%	59.7%	10383	14331	72.5%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	94.8%	99.5%	5631	5659	99.5%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	99.5%	99.6%	7838	7858	99.7%	CRIS	
Imaging	Proportion of inpatients who have report turnaround time of less than or equal to 4 days for MRI	>85%	97.7%	98.2%	2354	2397	98.2%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.3%	99.5%	6946	6983	99.5%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	86.3%	86.1%	10613	12545	84.6%	CRIS	

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Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	85.9%	82.4%	11418	13282	86.0%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	97.4%	98.2%	10483	10723	97.8%	CRIS	
Liver Medicine*	Patients who have endoscopic retrograde cholangio-pancreatography (ERCP) who develop pancreatitis.	<5%	1.2%	2.5%	4	180	2.2%	Unisoft Lorenzo PICS	
Liver Transplant	The percentage use of the anti-viral medication Valganciclovir in recipients of CMV (Cytomegalovirus) positive liver grafts	100%	97.8%	100%	16	16	100%	Liver db PICS	
Maxillofacial Surgery	Percentage of emergency admissions with fractured mandible (lower jaw) who are operated on the same or next day	>90%	76.1%	77.4%	274	372	73.7%	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%	95.3%	94.7%	40	40	100%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	99.4%	99.0%	130612	132508	98.6%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	99.0%	97.8%	30109	31017	97.1%	Telepath	
Pathology	Turnaround times: Urine negative results only - Time received to time of authorisation <24 hours (received Mon 00:00 – Fri 23:59)	>90%	72.5%	88.7%	12283	13491	91.0%	Telepath	

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Pathology	Turnaround time: Full Blood Count within 24 hours	100%	99.2%	99.2%	214925	216962	99.1%	Telepath	
Pharmacy	Pharmacy error rate per 100,000 items/ lines dispensed	<15	6	7.0	15	185647	8.1	Pharmacy database, Datix	
Renal Medicine	Percentage of patients on haemodialysis programme with a urea reduction ratio (URR) of >65%: all patients on haemodialysis	>90%	94.6%	94.5%	5236	5549	94.4%	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%	94.9%	94.6%	5177	5483	94.4%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	96.2%	94.8%	137	143	95.8%	PICS	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - NURSES ONLY	>85%	81.7%	82.9%	402	496	81.0%	Optims	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - DOCTORS ONLY	>95%	91.3%	92.0%	798	858	93.0%	Optims	
Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	0.8%	0.3%	52	11125	0.5%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	100%	96.6%	44170	46240	95.5%	Sexual Health database	
Stroke Medicine	In hospital mortality following stroke	<15%	5.0%	1.8%	7	255	2.7%	SSNAP	

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Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	83.3%	80.4%	54	64	84.4%	Lorenzo	
Therapy Services	Physiotherapy inpatient needs are responded to on the same day as they are identified to the service	>95%	99.1%	98.3%	9372	9500	98.7%	Therapy database	
Therapy Services	Major Trauma Centre: TARN eligible patients have a rehab prescription before discharge - pre-validated data	>98%	99.6%	99.3%	215	215	100%	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%	99.1%	3939	3972	99.2%	Therapy database	
Upper Gastro-intestinal Medicine	Emergency patients admitted with gall stone diseases who had an ultrasound within 24 hours of admission	>90%	83.0%	82.0%	83	101	82.2%	Lorenzo PICS	
Upper Gastro-intestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	98.8%	99.3%	139	141	98.6%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	98.5%	97.7%	350	353	99.2%	Lorenzo	

*data April - August 2017 (indicator 1 month in arrears)

**data April - July 2017 (indicator 2 months in arrears)

Notes

Trauma indicators 380 and 380a were decommissioned during Quarter 2, as the data is collected and monitored elsewhere
Liver Medicine/Surgery indicators 223 and 223a have been removed from the above table as no data is currently available.

Key	
CHD database	Coronary Heart Disease database
CRIS	Radiology database
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
RCS	Royal College of Surgeons
Somerset	Cancer database
SSNAP	Sentinel Stroke National Audit Programme
TARN	Trauma Audit & Research Network
Telepath	Laboratory database
Unisoft	Gastroenterology database