



University Hospitals
Birmingham
NHS Foundation Trust

Quality Account 2016/17

Specialty Quality Indicators



UHB Quality Account Update 2016–2017

Specialty Quality Indicators

Speciality	Indicator	Goal	Percentage Apr14 - Mar15	Percentage Apr15 - Mar16	Numerator Apr16 - Mar17	Denominator Apr16 - Mar17	Percentage Apr16 - Mar17	Data Source	Benchmarking
Ambulatory Care	Patients who were intended to be treated as a daycase but were admitted to hospital as an inpatient	<5%	4.1%	4.0%	950	21613	4.4%	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	90.4%	88.9%	2653	2959	89.7%	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%	70.7%	1995	2959	67.4%	Lorenzo PICS	
Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	308	0.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - <i>C.difficile</i> infection	No goal currently	0.4%	0.0%	1	308	0.3%	PATS Lorenzo	
Cardiac Surgery*	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	6.6%	8.1%	15	276	5.4%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100%	100.0%	100.0%	306	306	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%	99.2%	99.6%	276	276	100.0%	PATS PICS	2011 Cleveland Clinic: 100%

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Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients on betablockers who were given them on the day of surgery	100%	94.7%	97.5%	152	156	97.4%	PATS PICS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Post-operative stroke	<2%	0.0%	1.2%	1	308	0.3%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	7.6%	3.6%	17	308	5.5%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	10 days	9 days	---	308	8.4 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Median post-operative length of stay	8 days	7 days	7 days	---	308	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	97.8%	98.8%	307	308	99.7%	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%	556	556	100.0%	Lorenzo PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	99.5%	98.7%	191	192	99.5%	CHD data-base PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	98.5%	99.1%	186	186	100.0%	CHD data-base PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	98.0%	97.3%	177	177	100.0%	CHD data-base PICS	

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Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	99.5%	99.1%	193	193	100.0%	CHD data-base PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	94.8%	99.1%	177	179	98.9%	CHD data-base PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	94.2%	90.2%	190	224	84.8%	Lorenzo, PICS	
Critical Care	Unplanned readmissions to Critical Care within 48 hours of discharge from Critical Care (live discharges only)	<4%	2.0%	1.3%	43	4303	1.0%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	9.0%	12.0%	380	2971	12.8%	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%	63.4%	69.6%	163	245	66.5%	Lorenzo PICS	
Dermatology*	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	83.2%	98.9%	2348	2442	96.2%	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%	0.1%	0.2%	7	3655	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%	0.5%	0.8%	16	3655	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%	100.0%	100.0%	89	92	96.7%	Lorenzo PICS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100.0%	100.0%	76	76	100.0%	Lorenzo PICS	

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Gastro-enteology	Patients with inflammatory bowel disease admitted under the care of Gastroenterology Consultants who receive low molecular weight (LMW) heparin medication	>90%	100.0%	95.0%	51	54	94.4%	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%	49.5%	46.6%	279	646	43.2%	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%	61.8%	369	582	63.4%	Lorenzo PICS PRISM	
Imaging	Emergency Department patients who have report turnaround time of less than or equal to 4 days for CT scan	>99%	99.4%	99.8%	9077	9079	100.0%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for plain imaging	>99%	85.4%	84.4%	19457	32577	59.7%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	94.4%	94.8%	8545	8585	99.5%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	99.0%	99.5%	14745	14797	99.6%	CRIS	
Imaging	Proportion of Inpatients who have report turnaround time of less than or equal to 4 days for MRI	>85%	97.0%	97.7%	4499	4582	98.2%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.6%	99.3%	13071	13134	99.5%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	84.7%	86.3%	19780	22979	86.1%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	79.0%	85.9%	20692	25120	82.4%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	97.4%	97.4%	22380	22791	98.2%	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%	2.3%	1.2%	10	359	2.8%	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%	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%	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%	100.0%	97.8%	33	33	100.0%	Liver database PICS	
Maxillofacial Surgery	Percentage of emergency admissions with fractured mandible (lower jaw) who are operated on the same or next day	>90%	79.3%	76.1%	130	168	77.4%	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%	95.3%	89	94	94.7%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	99.6%	99.4%	256551	259174	99.0%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	99.2%	99.0%	48605	49704	97.8%	Telepath	
Pathology	Turnaround times: Urine negative results only - Time received to time of authorisation <24 hours (received Mon 00:00 – Fri 23:59)	>90%	45.4%	72.5%	24344	27449	88.7%	Telepath	

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Pathology	Turnaround time: Full Blood Count within 24 hours	100%	99.1%	99.2%	415936	419209	99.2%	Telepath	
Pharmacy	Pharmacy error rate per 100,000 items/lines dispensed	<15	6	6	25	356499	7.0	Pharmacy database, Datix	
Renal Medicine	Percentage of patients on haemodialysis programme with a urea reduction ratio (URR) of >65%: all patients on haemodialysis	>90%	93.8%	94.6%	10464	11069	94.5%	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%	94.6%	94.9%	10305	10888	94.6%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	94.3%	96.2%	328	346	94.8%	PICS	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - NURSES ONLY	>85%	82.2%	81.7%	518	625	82.9%	Optims	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - DOCTORS ONLY	>95%	90.0%	91.3%	1051	1143	92.0%	Optims	
Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	1.2%	0.8%	83	24576	0.3%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	100.0%	100.0%	72655	75210	96.6%	Sexual Health database	
Stroke Medicine	In hospital mortality following stroke	<15%	8.5%	5.0%	9	501	1.8%	SSNAP	
Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	94.4%	83.3%	74	92	80.4%	Lorenzo	

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Therapy Services	Physiotherapy inpatient needs are responded to on the same day as they are identified to the service	>95%	91.6%	99.1%	20766	21127	98.3%	Therapy database	
Therapy Services	Major Trauma Centre: TARN eligible patients have a rehab prescription before discharge - pre-validated data	>98%	99.6%	99.6%	608	612	99.3%	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%	99.2%	8405	8483	99.1%	Therapy database	
Trauma & Orthopaedics	Percentage of patients who had surgery within 48 hours of admission for fractured neck of femur (fractured hip)	>90%	86.9%	88.3%	240	267	89.9%	Lorenzo Galaxy	
Trauma & Orthopaedics	Percentage of patients who had surgery within 36 hours of admission for fractured neck of femur (fractured hip)	>80%	81.3%	83.2%	224	267	83.9%	Lorenzo Galaxy	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had an ultrasound within 24 hours of admission	>90%	83.7%	83.0%	155	189	82.0%	Lorenzo PICS	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	99.4%	98.8%	269	271	99.3%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	97.6%	98.5%	723	740	97.7%	Lorenzo	

*data April-16 to Feb-17 - indicator 1 month in arrears