

Quality Account Update for April - June 2015

Specialty Quality Indicators

Speciality	Indicator	Goal	Percentage Apr 13 - Mar 14	Percentage Apr 14 - Mar 15	Numerator Apr 15 - June 15	Denominator Apr 15 - June 15	Percentage Apr 15 - June 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%	4.1%	182	4919	3.7%	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%	90.4%	612	675	90.7%	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	69.0%	70.7%	477	675	70.7%	Lorenzo PICS	
Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	75	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	75	0.0%	PATS Lorenzo	
Cardiac Surgery*	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	8.1%	6.6%	4	50	8.0%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on angiotensin converting enzyme (ACE) inhibitors	100%	100.0%	98.7%	60	60	100.0%	PATS PICS	

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Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100%	100.0%	100.0%	74	74	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%	100.0%	99.2%	69	69	100.0%	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%	94.7%	27	28	96.4%	PATS PICS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Post-operative stroke	<2%	0.8%	0.0%	1	75	1.3%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	5.0%	7.6%	3	75	4.0%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	11 days	10 days	---	75	9.2 days	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Median post-operative length of stay	8 days	8 days	7 days	---	75	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%	97.8%	74	75	98.7%	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)

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Cardiology	Percentage of patients discharged on dual antiplatelet therapy following percutaneous coronary intervention (PCI)	100%	100.0%	100.0%	171	171	100.0%	Lorenzo PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	100.0%	99.5%	56	56	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	99.1%	98.5%	56	56	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	99.0%	98.0%	53	53	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	100.0%	99.5%	57	57	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	99.1%	94.8%	52	52	100.0%	CHD database PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	87.1%	94.2%	48	54	88.9%	Lorenzo PICS	
Critical Care	Unplanned readmissions to Critical Care within 48 hours of discharge from Critical Care (live discharges only)	<4%	1.5%	2.0%	15	1129	1.3%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	7.8%	7.3%	67	644	10.4%	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%	63.4%	43	67	64.2%	Lorenzo PICS	

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Dermatology*	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	97.9%	87.3%	401	401	100.0%	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%	0.0%	4	2134	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%	0.3%	0.2%	3	2134	0.1%	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%	18	18	100.0%	Lorenzo PICS	
Emergency Department	CT head scans performed within 1 hour of arrival to the Emergency Department	n/a	30.0%	27.8%	332	1080	30.7%	Oceano CRIS	
Emergency Department	CT head scans performed within 1-2 hours of arrival to the Emergency Department	n/a	35.3%	34.9%	395	1080	36.6%	Oceano CRIS	
Emergency Department	CT head scans performed within 2-3 hours of arrival to the Emergency Department	n/a	24.0%	26.8%	255	1080	23.6%	Oceano CRIS	
Emergency Department	CT head scans performed in more than 3 hours of arrival to the Emergency Department	<10%	10.7%	10.4%	98	1080	9.1%	Oceano CRIS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100.0%	100.0%	24	24	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%	100.0%	4	4	100.0%	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%	53.5%	49.5%	101	200	50.5%	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%	64.0%	67.4%	116	193	60.1%	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%	99.4%	1652	1656	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%	97.7%	85.4%	7672	8100	94.7%	CRIS	
Imaging	GP direct access patients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	99.8%	94.4%	2025	2058	98.4%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	97.5%	99.0%	3655	3672	99.5%	CRIS	
Imaging	Proportion of Inpatients who have report turnaround time of less than or equal to 4 days for MRI	>85%	90.0%	97.0%	1071	1100	97.4%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.6%	99.6%	3158	3174	99.5%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	---	84.7%	4468	5328	83.9%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	---	79.0%	5442	6058	89.8%	CRIS	

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Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	98.6%	97.4%	5199	5277	98.5%	CRIS	
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%	2.3%	0	66	0.0%	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%	100.0%	11	11	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%	35	46	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%	88.7%	88.7%	18	19	94.7%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	98.7%	99.6%	61414	61848	99.3%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	95.6%	99.2%	9401	9554	98.4%	Telepath	

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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%	1729	5106	33.9%	Telepath	
Pathology	Turnaround time: Full Blood Count within 24 hours	100%	98.6%	99.1%	97762	98584	99.2%	Telepath	
Pharmacy	Pharmacy error rate per 100,000 items/lines dispensed	<15	17	6	9	124173	7	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%	93.8%	2382	2639	90.3%	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%	94.6%	2286	2509	91.1%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	94.0%	94.3%	84	88	95.5%	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%	82.2%	436	534	81.6%	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%	90.0%	736	817	90.1%	Optims	
Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	1.4%	1.2%	49	4087	1.2%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	99.8%	100.0%	10309	10309	100.0%	Sexual Health database	
Stroke Medicine*	In hospital mortality following stroke	<20%	-	8.5%	9	134	6.7%	SSNAP	

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Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	90.7%	94.4%	27	30	90.0%	Lorenzo	
Therapy Services	Physiotherapy inpatient needs are responded to on the same day as they are identified to the service	>95%	95.1%	91.6%	5600	5600	100.0%	Therapy database	
Therapy Services	Physiotherapy inpatient needs are responded to within two working days of being identified to the service	>98%	98.3%	95.6%	5600	5600	100.0%	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%	2193	2200	99.7%	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%	86.9%	57	69	82.6%	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%	81.3%	54	69	78.3%	Lorenzo Galaxy	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had an ultrasound within 24 hours of admission	>90%	62.6%	83.7%	44	53	83.0%	Lorenzo PICS	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	93.5%	99.4%	73	73	100.0%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	95.8%	97.6%	163	165	98.8%	Lorenzo	

*data April15 - May15: indicator is 1 month in arrears

Key to Data Sources:

CHD = Coronary Heart Disease database

Cleveland Clinic and US data = published on Cleveland Clinic website

Clinical Portal = Trust's bespoke electronic patient record

CRIS = Radiology database

Datix = Incident database

Galaxy = Theatres database

ICNARC = Intensive Care National Audit & Research Centre

Lorenzo = Patient administration system

MARS = Renal database

Mosaiq = Radiotherapy database

Oceano = Emergency Department patient management system

PATS = Cardiac database

PDS = Personal Demographic Service

PICS = Prescribing and Information Communication System

Prism = Cardiology and Respiratory Patient Tracking System

RCS = Royal College of Surgeons

Somerset = Cancer database

Telepath = Laboratory database

Unisoft = Gastroenterology database

SSNAP = Sentinel Stroke National Audit Programme