

Quality Account Update for October - December 2015

Specialty Quality Indicators

Speciality	Indicator	Goal	Percentage Apr 13 - Mar 14	Percentage Apr 14 - Mar 15	Numerator Apr 15 - Dec 15	Denominator Apr 15 - Dec 15	Percentage Apr 15 - Dec 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%	3.7%	4.1%	627	15455	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	82.3%	90.4%	1870	2091	89.4%	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	70.9%	70.7%	1496	2091	71.5%	Lorenzo PICS	

Speciality	Indicator	Goal	Percentage Apr 13 - Mar 14	Percentage Apr 14 - Mar 15	Numerator Apr 15 - Dec 15	Denominator Apr 15 - Dec 15	Percentage Apr 15 - Dec 15	Data Source	Benchmarking
Cardiac Surgery	First-time, isolated coronary artery bypass graft (CABG) - MRSA bacteraemia	0%	0.0%	0.0%	0	184	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	184	0.0%	PATS Lorenzo	
Cardiac Surgery*	First-time isolated coronary artery bypass graft (CABG) - Emergency readmissions within 28 days	<5%	8.5%	6.6%	14	164	8.5%	PATS Lorenzo	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Patients discharged on antiplatelet therapy	100%	100.0%	100.0%	181	181	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%	167	167	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%	99.0%	94.7%	82	84	97.6%	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	184	1.6%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Reopening (all causes)	<=5%	7.3%	7.6%	8	184	4.3%	PATS	
Cardiac Surgery	First-time isolated coronary artery bypass graft (CABG) - Average post-operative length of stay	11 days	13 days	10 days	---	184	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	---	184	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%	181	184	98.4%	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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Speciality	Indicator	Goal	Percentage Apr 13 - Mar 14	Percentage Apr 14 - Mar 15	Numerator Apr 15 - Dec 15	Denominator Apr 15 - Dec 15	Percentage Apr 15 - Dec 15	Data Source	Benchmarking
Cardiology	Percentage of patients discharged on dual antiplatelet therapy following percutaneous coronary intervention (PCI)	100%	100.0%	100.0%	538	538	100.0%	Lorenzo PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on theinopyridine (clopidogrel) or prasugrel	>90%	100.0%	99.5%	168	168	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on statins	>98%	99.2%	98.5%	165	165	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on beta blockers	>80%	99.6%	98.0%	158	159	99.4%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on aspirin	>98%	100.0%	99.5%	167	167	100.0%	CHD database PICS	
Cardiology	Percentage of patients following myocardial infarction discharged on ACE inhibitors	>90%	98.7%	94.8%	160	160	100.0%	CHD database PICS	
Colorectal Surgery	Clexane medication after elective colorectal surgery (excluding day cases)	>95%	89.2%	94.2%	153	172	89.0%	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%	47	3358	1.4%	PICS	
Dementia	Administration of anti-psychotic medication for patients with a diagnosis of dementia	<8%	6.4%	9.0%	242	1965	12.3%	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%	67.2%	63.4%	140	207	67.6%	Lorenzo PICS	
Dermatology*	Suspected cancer cases seen within 2 weeks by a Consultant	>93%	97.9%	87.3%	1666	1678	99.3%	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%	5	3144	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%	20	3144	0.6%	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%	66	66	100.0%	Lorenzo PICS	
Endocrinology	Patients discharged on hydrocortisone medication after pituitary surgery	100%	100.0%	100.0%	57	57	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%	26	26	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%	54.5%	49.5%	282	583	48.4%	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%	353	571	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%	5550	5567	99.7%	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%	20892	23502	88.9%	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%	5628	5908	95.3%	CRIS	

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Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for CT	>99%	98.1.5%	99.0%	11065	11112	99.6%	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%	3293	3367	97.8%	CRIS	
Imaging	Inpatients who have report turnaround time of less than or equal to 4 days for Ultrasound	>99%	99.5%	99.6%	9631	9698	99.3%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for CT	>85%	---	84.7%	14122	16387	86.2%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 14 days for MRI	>75%	---	79.0%	15528	17824	87.1%	CRIS	
Imaging	Outpatients who have report turnaround time of less than or equal to 7 days for Ultrasound	>99%	97.6%	97.4%	15194	15578	97.5%	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%	3	286	1.0%	Unisoft Lorenzo PICS	
Liver Medicine/ Surgery	90 day patient mortality (%) with 95% confidence intervals for adult elective patients who received a first liver transplant (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%	34	34	100.0%	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%	114	141	80.9%	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%	50	52	96.2%	Lorenzo	
Pathology	Turnaround time: C-Reactive Protein within 24 hours	100%	99.7%	99.6%	183195	184373	99.4%	Telepath	
Pathology	Turnaround time: Cholesterol within 24 hours	100%	99.1%	99.2%	28147	28479	98.8%	Telepath	
Pathology	Turnaround times: Urine negative results only - Time received to time of authorisation <24 hours (received Mon 00:00 – Fri 23:59)	>90%	79.9%	45.4%	12637	18109	69.8%	Telepath	
Pathology	Turnaround time: Full Blood Count within 24 hours	100%	99.1%	99.1%	297026	299502	99.2%	Telepath	

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Pharmacy	Pharmacy error rate per 100,000 items/lines dispensed	<15	7	6	20	331748	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%	7437	7858	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%	7255	7636	95.0%	MARS	
Respiratory	Asthmatic patients discharged on inhaled steroids	>95%	93.5%	94.3%	263	273	96.3%	PICS	
Rheumatology	Rheumatology outpatients that saw the same clinician at least 3 times out of their 6 most recent visits - NURSES ONLY	>85%	85.5%	82.2%	333	409	81.4%	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%	923	1012	91.2%	Optims	

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Routine Surgery / Care *	Unplanned return to theatre for all non-emergency surgical patients	<2.5%	1.0%	1.2%	171	17310	1.0%	Galaxy	
Sexual Health	Genito-Urinary Medicine (GUM) access - New patients offered an appointment within 48 hours	>98%	100.0%	100.0%	39002	39002	100.0%	Sexual Health database	
Stroke Medicine***	In hospital mortality following stroke	<20%	-	8.5%	22	390	5.6%	SSNAP	
Surgery - Emergency	Perianal abscess operations should take place on the day of admission or the next day	>90%	85.8%	94.4%	78	92	84.8%	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%	16590	16658	99.6%	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%	16653	16658	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%	6601	6636	99.5%	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%	174	201	86.6%	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%	163	201	81.1%	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%	154	183	84.2%	Lorenzo PICS	
Upper Gastrointestinal Medicine	Emergency patients admitted with gall stone diseases who had bilirubin tested	100%	94.4%	99.4%	295	299	98.7%	Lorenzo PICS	
Vascular Surgery	Percentage of varicose vein procedures which are done as day cases	>95%	94.6%	97.6%	593	600	98.8%	Lorenzo	

Notes

*data April to November 2015, i.e. indicator is 1 month in arrears

**methodology revised since previous report, figures have been updated

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

Updates since Q2 report

Cardiac Surgery, ACE Inhibitors - this indicator has been removed while the methodology is under revision

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