

Using CQUINs to support implementation of Enhanced Recovery in London

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The regional team

Senior Responsible Officers

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Mr David Houlihan-Burne - Orthopaedic Surgeon, Hillingdon Hospital Foundation Trust

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Programme Lead

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Programme Manager

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London's Acute Landscape

London's healthcare costs equal £13 billion annually

London has 31 primary care trusts (PCTs) - who operate in six clusters, 20 acute trusts, three mental health trusts and the London Ambulance Service.

A further 16 trusts in London are foundation trusts and regulated by Monitor.

This totals 27 general acute trusts and seven tertiary acute trusts.

What are CQUINs

The CQUIN payment framework enables commissioners to reward excellence, links a proportion of providers' income to the achievement of local quality improvement goals, works within the context of an NHS payment system that supports quality and efficiency, was introduced in 2009/10, financial value increased to 1.5% of provider contract value (up from 0.5% in 2009/10) supports a developmental approach for commissioners and providers in the contracting process.

London Approach

September 2010 to January 2011

Regional approach led by the NHS London Medical Directorate

Three working groups set up

Acute CQUIN working group

Community CQUIN working group

Mental Health CQUIN working group

Membership included

Commissioners

Providers

Clinicians and

Managers

London Approach cont.

Purpose was to identify the key quality and innovation priorities

Enhanced Recovery was agreed as a regional CQUIN priority

Through consultation the four key elements for CQUIN were agreed

They are

Submitting data to the toolkit

Admission on the day of surgery

Goal directed fluid therapy for colorectal procedures

Overall reductions in length of stay

CQUIN Element 1: Reporting to the national database

Local contract ref.	18A		
Goal name	Enhanced Recovery Programme (ERP)		
Indicator number	Reporting on the National ER Database		
Indicator name	Reporting on the National ER Database		
Indicator weighting (% of CQUIN scheme available)	25.00%		
Description of indicator	<p>• Second level</p> <p>• Third level</p> <p>• Fourth level</p> <p>• Fifth level</p> <p>It is the goal of the programme to ensure that the Trust records comprehensive information on about enhanced recovery patients on the national database. A list of eligible procedures and the minimum data set is given in Annex A. The reporting requirement applies to all patients who are treated on a planned basis with relevant procedure codes between 1st April 2011 and 31st March 2012 (i.e. excluding urgent/emergency cases). The reporting entry must be completed with relevant procedure codes for all planned patients.</p>		
Numerator	Number of planned patients with relevant procedure codes whose details are comprehensively recorded on the national database in the month.		
Denominator	Number of planned patients with relevant procedure codes who are treated in the month.		
Rationale for inclusion	The national Enhanced Recovery Programme requires high quality data on each patient in order to measure improved health outcomes and cost effectiveness of ER interventions in a meaningful way.		
Data source	National Database		
Frequency of data collection	Monthly commencing 1st April 2011		
Organisation responsible for data collection	Trusts		
Frequency of reporting to commissioner	Monthly		
Baseline period/date	The scheme will commence on 1st April		
Baseline value	N/A		
Final indicator period/date (on which payment is based)	31st March 2012		
Final indicator value (payment threshold)	Full payment will be made if comprehensive records exist for ≥ 95% of planned patients with the relevant codes. Partial payments are possible and thresholds are set out below.		
Rules for calculation of payment due at year end	Any rounding calculations required will be implemented in Q4 for financial invoicing purposes.		
Final indicator reporting date	30th April 2012		
Are there rules for any agreed in-year milestones that result in payment?	No	If yes, please enter details in tables below.	
Are there any rules for partial achievement of the final value?	Yes		
Milestones (only complete if the indicator has in-year milestones)			
Date/period milestone relates to	Rules for achievement of milestones Reporting must take place on a monthly basis. Trusts will be paid for each month where comprehensive database records exist for ≥ 95% of eligible patients. A breakdown of how payments are calculated is shown below. Trusts will be paid on a quarterly basis.		
		Reporting deadline	% weighting for payment at 100%
Apr-11		31st May 2011	2.08%
May-11		30th June 2011	2.08%
Jun-11		31st July 2011	2.08%
Jul-11		31st August 2011	2.08%
Aug-11		30th September	2.08%
Sep-11		30th October 2011	2.08%
Oct-11		31st November	2.08%
Nov-11		31st December	2.08%
Dec-11		31st January 2012	2.08%
Jan-12		27th February	2.08%
Feb-12		31st March 2012	2.08%
Mar-12		30th April 2012	2.08%

CQUIN Element 2: Surgery performed on the day of surgery

Local contract ref.	TBA		
Goal name	Enhanced Recovery Programme (ERP)		
Indicator number	b		
Indicator name	Surgery performed on the day of admission		
Indicator weighting (% of CQUIN scheme available)	25.00%		
Description of indicator	Number of patients with a relevant procedure code who have surgery performed on the day of admission. The Trust will qualify for full payment if $\geq 80\%$ of eligible patients are managed in this way.		
Numerator	Number of planned patients with a relevant procedure code who have surgery performed on the day of admission.		
Denominator	Number of planned patients with a relevant procedure code (i.e. excluding urgent or emergency admissions).		
Rationale for inclusion	Considerable evidence exists that performing surgery on the day of admission reduces length of stay without adverse effects on health outcomes and post-operative recovery.		
Data source	HES/SUS		
Frequency of data collection	Quarterly		
Organisation responsible for data collection	Trusts. Data to be independently verified by commissioners using HFS/SUS.		
Frequency of reporting to commissioner	Quarterly		
Baseline period/date	The scheme will commence on 1st April.		
Baseline value	N/A		
Final indicator period/date (on which payment is based)	Q1 2011/12		
Final indicator value (payment threshold)	Payments will be made on a quarterly basis throughout the year.		
Rules for calculation of payment due at year end	See above.		
Final indicator reporting date	April 30th 2012		
Are there rules for any agreed in-year milestones that result in payment?	No	If yes, please enter details in tables below.	
Are there any rules for partial achievement of the final value?	Yes		
Milestones (only complete if the indicator has in-year milestones)			
Date/period milestone relates to	Rules for achievement of milestones		
		Reporting deadline	% weighting for payment at 100%
Q1		31st July 2011	6.25%
Q2		30th October 2011	6.25%
Q3		31st January 2012	6.25%
Q4		30th April 2012	6.25%

CQUIN Element 3: Patients who receive goal directed fluid therapy

Numerator	Number of patients who have planned colo-rectal surgery performed with goal directed fluid therapy		
Denominator	Number of patients that have planned colo-rectal surgery performed		
Rationale for inclusion	Evidence shows that the administration of goal directed fluid therapy for colo-rectal surgery patients significantly improves recovery rates and is associated with reduced length of stay.		
Data source	National database.		
Frequency of data collection	Quarterly		
Organisation responsible for data collection	Trust		
Frequency of reporting to commissioner	Quarterly		
Baseline period/date	The scheme will commence on 1st April.		
Baseline value	N/A		
Final indicator period/date (on which payment is based)	Q4 2011/12		
Final indicator value (payment threshold)	Payments will be made on a quarterly basis throughout the year.		
Rules for calculation of payment due at year end	See above.		
Final indicator reporting date	April 30th 2012		
Are there rules for any agreed in-year milestones that result in payment?	Yes	If yes, please enter details in tables below.	
Are there any rules for partial achievement of the final value?	Yes		
Milestones (only complete if the indicator has in-year milestones)			
Date/period milestone relates to	Rules for achievement of milestones	Reporting deadline	% weighting for payment at 100%
Q1	The first milestone in Q1 relates to the submission of robust implementation plans. These should include a commentary on how the necessary equipment is to be procured/distributed and should outline staff training plans, including numbers and timeframes.	30th April 2011	3.00%
Q1	The second milestone in Q1 relates to evidence of implementation.	31st July 2011	3.25%
Q2	Number of eligible patients who have received goal directed fluid therapy reported on the national database.	30th October 2011	6.25%
Q3	As above.	31st January 2012	6.25%
Q4	As above.	30th April 2012	6.25%
Rules for partial achievement at period-end (only complete if the indicator has rules for partial achievement at period-end)			
	Target	% of CQUIN scheme available	
Threshold 1	80% or more attracts 100% of payment for the quarter	6.25%	
Threshold 2	70-79% attracts 75% of payment for the quarter	4.69%	
Threshold 3	60-69% attracts 25% of payment for the quarter	1.56%	
Threshold 4	Below 60% attracts no payment	0.0%	

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Second level

• Third level

• Fourth level

• Fifth level

CQUIN Element 4: Overall reductions in length of stay

Local contract ref.	I BA		
Goal name	Enhanced Recovery Programme (ERP)		
Indicator number			
Indicator name	Reduction in LOS for patients with ERP procedure codes		
Indicator weighting (% of CQUIN scheme available)			
Description of indicator	<p>The Trust aims to achieve a significant reduction in length of stay for patients being treated by the Trust whose procedure codes are included on the Enhanced Recovery List. Achievement will be measured in terms of reductions in median lengths of stay and the % reduction will be agreed locally between commissioners and providers. For any given procedure code, the baseline for comparison will be the median length of stay in Q1 & Q2 2010/11. The Trust will qualify for full payment if it achieves target reductions in length of stay for the following 8 procedures:</p> <ul style="list-style-type: none"> • Colectomy • Excision of rectum • Abdominal hysterectomy • Vaginal hysterectomy • Prostatectomy • Bladder resection • Primary hip replacement • Primary knee replacement 		
Numerator	Median length of stay for the relevant procedure code in each quarter 2011/12		
Denominator	Median length of stay for the relevant procedure code in Q1 & Q2 2010-11.		
Rationale for inclusion	Reductions in length of stay, where clinically appropriate, benefit the patient, the Trust and Commissioners. It has now been clearly demonstrated that rigorous enhanced recovery programmes have a significant impact on the duration of hospital admissions..		
Data source	HES/SUS		
Frequency of data collection	Quarterly from Q2		
Organisation responsible for data collection	Trusts. Data to be independently verified by commissioners using HES/SUS.		
Frequency of reporting to commissioner	Quarterly from Q2		
Baseline period/date	Q1 and Q2 for April to September 2010		
Baseline value	Median waits for the relevant procedure codes		
Final indicator period/date (on which payment is based)	Q4 2011/12		
Final indicator value (payment threshold)	TBA		
Rules for calculation of payment due at year end	Full payment will be made where 100% of the locally agreed target reductions in LOS reductions have been made. Thresholds for partial payments are set out below.		
Final indicator reporting date	31st May 2012		
Are there rules for any agreed in-year milestones that result in payment?	No		If yes, please enter details in tables below.
Are there any rules for partial achievement of the final value?	Yes		
Milestones (only complete if the indicator has in-year milestones)	Rules for achievement of milestones	Reporting deadline	% weighting for payment at 100%
Date/period milestone relates to			
Q1		Not required	
Q2		30th October 2011	8.33%
Q3		31st January 2012	8.33%
Q4		30th April 2012	8.33%
Rules for partial achievement at year-end (only complete if the indicator has rules for partial achievement at year-end)	Target	% of CQUIN scheme available	
Threshold 1	Full payment will be made where all locally agreed targets are met	8.33%	
Threshold 2	75% of the payment will be made where 75% of the targets are	6.25%	
Threshold 3	50% of the payment will be made where 50% of the targets are	4.17%	
Threshold 4	No payment where less than 50% of the targets are met	0.00%	

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Second level

Third level

Fourth level

Fifth level

London Approach

January – April 2011

*Enhanced Recovery CQUIN published
Communications and engagement exercise with commissioners and
providers
Enhanced Recovery also agreed as regional QIPP programme
2011//12*

Technical and analytical support

Baseline data generated to support contracting CQUIN for length of stay

1	Hip Summary		Median	Mean	Mean post	Cases
2	Code	Provider Name	LOS	LOS	op	
3	RCX	WIMBERTON UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	4	3.7	6.4	21
4	RAS	THE HILLINGDON HOSPITAL NHS TRUST	4	5.7	5.6	1/2
5	RVR	EPSOM AND ST HELIER UNIVERSITY HOSPITALS NHS TRUST	4	5.0	4.5	700
6	RFW	WEST MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	5	5.9	6.8	35
7	RI2	THE FIFWISHAM HOSPITAL NHS TRUST	5	7.4	6.7	43
8	RH4	BARKING, HAVERING AND REDBRIDGE HOSPITALS NHS TRUST	5	5.7	6.7	95
9	RGC	WHIPPS CROSS UNIVERSITY HOSPITAL NHS TRUST	5	5.9	5.9	113
10	RVE	NORTH WEST LONDON HOSPITALS NHS TRUST	5	5.8	6.8	115
11	RQN	HAMMERSMITH HOSPITALS NHS TRUST	5	5.9	5.7	133
12	RRV	UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST	5	5.6	6.5	144
13	RJ1	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	5	5.1	5.8	171
14	RYO	SOUTH LONDON HEALTHCARE NHS TRUST	5	5.1	4.0	310
15	RC3	ENLING HOSPITAL NHS TRUST	6	7.3	7.3	36
16	RNH	NEWHAM UNIVERSITY HOSPITAL NHS TRUST	6	7.2	7.1	41
17	RAP	NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	6	7.8	7.6	72
18	RKE	THE WHITTINGTON HOSPITAL NHS TRUST	6	6.3	5.4	52
19	RNJ	BARIS AND THE LONDON NHS TRUST	6	9.1	9.1	67
20	RQM	CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST	6	5.6	6.1	68
21	RJZ	KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST	6	7.3	6.6	74
22	RAN	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	6	7.8	7.3	713
23	RVL	BARNET AND CHASE FARM HOSPITALS NHS TRUST	6	5.4	6.4	216
24	RAL	ROYAL FREE	6	7.5	6.9	103
25	RJ7	ST GEORGE'S HEALTHCARE NHS TRUST	8	3.4	8	36
26						
27						
28						
29						

Technical and analytical support

- Technical guidance developed to monitor and evidence achievement

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Second level

- **Third level** 
- **Fourth level**
- **Fifth level**

Technical Guidance: Regional Enhanced Recovery CQUIN Reporting
London technical guidance to evidence delivery of the enhanced recovery CQUIN in 2011/12

Version: Final

Date: 2 September 2011

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Progress to Date

20 London Acute trusts contracted the Enhanced Recovery CQUIN Toolkit submission suggests significant increases in patients' details being uploaded

In process of reconciling reductions in length of stay

First submission of toolkit data to be provided to NHS London by all contracting acute trusts on the 30th of September.

Day of surgery admission dramatically reducing

Evidence suggests compliance supports improvements in length of stay reductions

Ongoing Challenges

Prioritisation in a changing landscape

Data sharing

Capacity and resources

Sustainability

Questions

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