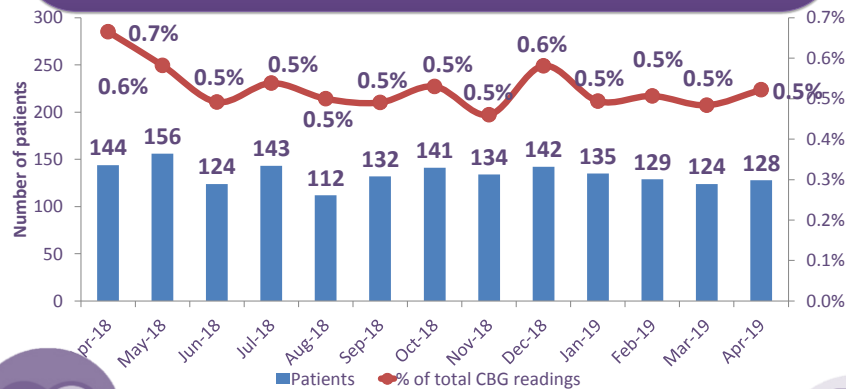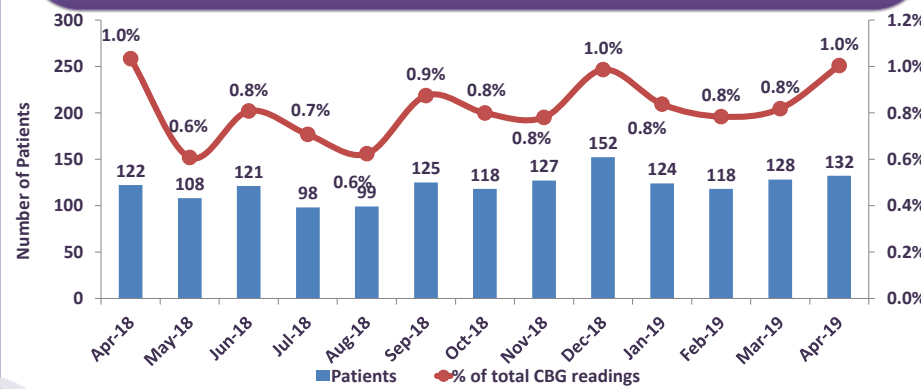# INSULIN SAFETY DASHBOARD - ADULT INPATIENTS

KPI Ref	Indicators	Board Director	Lead Officer	Baseline	19/20 Target	Red RAG/Trajectory/Exception Report Threshold (ER)	18/19	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	YTD
KPI 1	Severe hypoglycaemia (below 3 mmol/l) - % of total CBG readings recorded on eObs which were <3.0mmol/l	CF	JB	0.70%	To remain below UCL (0.7%)	0.7% or above	0.5%	0.7%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%
KPI 2	Severe hyperglycaemia (25.1 mmol/l or above) - % of total CBG readings recorded on eObs which were >25.1 mmol/l	CF	JB	1.00%	To remain below UCL (1.0%)	1% or above	0.8%	1.0%	0.6%	0.8%	0.7%	0.6%	0.9%	0.8%	0.8%	1.0%	0.8%	0.8%	0.8%	1.0%	1.0%
KPI 3	% patients experiencing an insulin error (prescription or management)	CF	MC	45.5%	50% reduction	30% or above	27.2%	25.6%			27.3%			22.8%			27.2%				N/A
KPI 4	% patients experiencing a non-insulin (oral or non-insulin injectable therapy) error (prescription or management)	CF	MC	35.4%	50% reduction	30% or above	6.7%	25.7%			11.8%			8.4%			6.7%				N/A
KPI 5	Medical and Dental staff compliance with Insulin Safety training	CF	JB	40%	95%	Red if below 95%	67%		40%	44%	48%	50%	58%	53%	59%	61%	61%	62%	67%	62%	62%
KPI 6	Nurse and Midwifery staff compliance with Insulin Safety training	CF	JB	56%	95%	Red if below 95%	82%		56%	60%	66%	72%	78%	73%	77%	82%	82%	81%	82%	80%	80%
KPI 7	Hypoglycaemia occurring >6 hours after admission requiring injectable (iv or im) rescue treatment - number of episodes/month	CF	KH	N/A	TBC	TBC	40	NEW INDICATOR					7	7	3	4	4	10	5	14	14
KPI 8	NEW onset DKA >24 hours after admission - number of episodes/month	CF	KH	1	0	1	3	NEW INDICATOR					0	0	0	0	0	2	1	0	0
KPI 9	NEW onset HHS >24 hours after admission - number of episodes/month	CF	KH	N/A	0	1	1	NEW INDICATOR					0	0	0	0	0	0	1	0	0
KPI 10	NEW onset diabetes foot ulcer occurring >72 hours after admission (reported one month in arrears) - episodes/month (number classed as avoidable)	CF	KH	N/A	0 (avoidable)	1 avoidable	20 (2)	NEW INDICATOR						3 (N/A)	5 (0)	1 (0)	5 (1)	5 (1)	1 (0)	2(0)	2 (0)

Severe hypoglycaemia (below 3 mmol/l) - % of total CBG readings recorded on eObs which were <3.0mmol/l
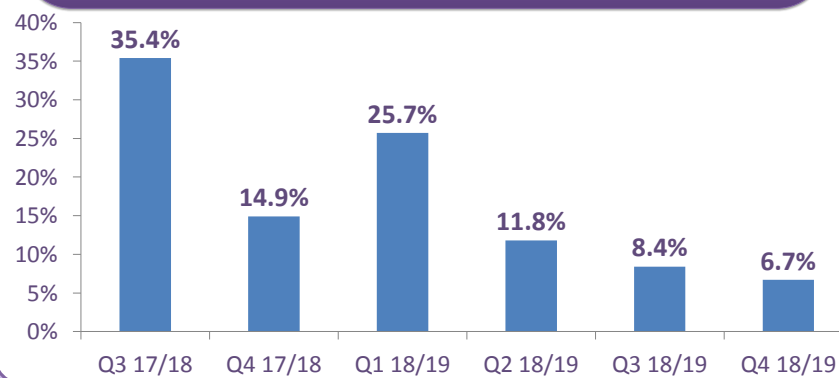
Number of patients (bars): Apr-18 144, May-18 156, Jun-18 124, Jul-18 143, Aug-18 112, Sep-18 132, Oct-18 141, Nov-18 134, Dec-18 142, Jan-19 135, Feb-19 129, Mar-19 124, Apr-19 128

% of total CBG readings (line): 0.7%, 0.6%, 0.5%, 0.5%, 0.5%, 0.5%, 0.5%, 0.5%, 0.6%, 0.5%, 0.5%, 0.5%, 0.5%

Severe hyperglycaemia (above 25.1 mmol/l) - % of total CBG readings recorded on eObs which

Number of patients (bars): Apr-18 122, May-18 108, Jun-18 121, Jul-18 98, Aug-18 99, Sep-18 125, Oct-18 118, Nov-18 127, Dec-18 152, Jan-19 124, Feb-19 118, Mar-19 128, Apr-19 132

% of total CBG readings (line): 1.0%, 0.6%, 0.8%, 0.7%, 0.6%, 0.9%, 0.8%, 0.8%, 1.0%, 0.8%, 0.8%, 0.8%, 1.0%

% patients experiencing an insulin error (prescription or management)

Q3 17/18 45.5%, Q4 17/18 37.2%, Q1 18/19 25.6%, Q2 18/19 27.3%, Q3 18/19 22.8%, Q4 18/19 27.2%
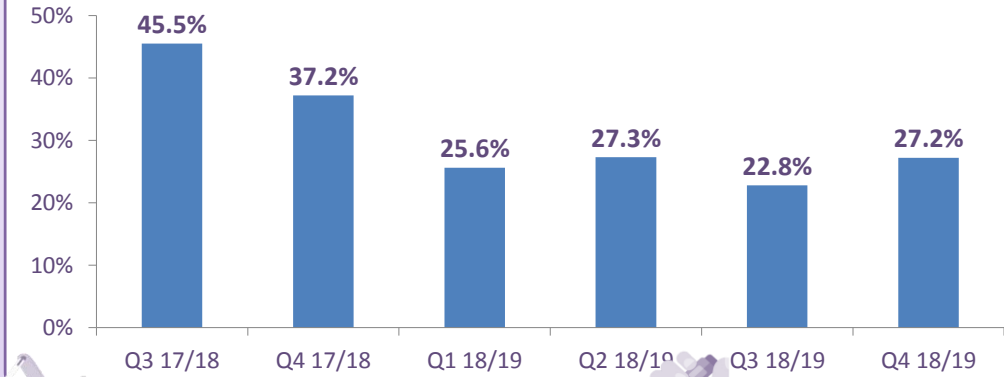
% of patients experiencing a non-insulin error (prescription or

Q3 17/18 35.4%, Q4 17/18 14.9%, Q1 18/19 25.7%, Q2 18/19 11.8%, Q3 18/19 8.4%, Q4 18/19 6.7%

Medical and Dental staff compliance with Diabetes training

40%, 44%, 48%, 50%, 58%, 53%, 59%, 61%, 61%, 62%, 67%, 62%

Nurse and Midwifery staff compliance with Diabetes training

56%, 60%, 66%, 72%, 78%, 73%, 77%, 82%, 82%, 81%, 82%, 80%