

EXECUTIVE SUMMARY OF

National Neonatal Audit Programme Report 2015

Received by Clinical Audit Group:

Report by: Dr SP Brearey, Consultant Paediatrician

Name of National/Regional Audit and Audit Body: **Royal College of Paediatrics and Child Health, Healthcare quality improvement partnership
Child Health, Healthcare quality improvement partnership**

Timeframe audited: 1st Jan – 31st Dec 2015

Audit Leads: Dr SP Brearey, Eirian Powell NNU manager

The annual report for 2015 no longer gives any hospital specific data. Individual unit level summary reports are available on-line and have been used for this report. Results from 7 audit questions are presented in the report. Every neonatal unit in England and Wales participated. Data entry from Chester was 100% complete. CoCH results were at or above national averages for every audit standard question. ROP screening compliance was at 100% for the first time, a significant improvement from 44% in 2010.

Table 1 summarises local performance compared to previous years.

- The Trust maintained very high standards for temperature on admission, antenatal steroids, ROP screening and first communication with parents.
- There was further improvement for the percentage of babies <33 weeks who received any of mother's milk on the day of discharge.
- All 8 eligible babies born <30 weeks had a 2 year follow up examination, compared to 62% nationally. 75% of eligible babies born in 2012 had no impairment and 13% had severe impairment which was better than the national average.

ACTION PLAN

ACTION REQUIRED	ACTION LEAD	TIMESCALE FOR ACTION	WHERE REPORTED
Maintain high standards in all audit questions. Continue current plan to improve breast feeding/use of EBM for preterm infants til discharge	Eirian Powell Brearey	Aug 2017	WCCGB

Standard:	2010	2011	2012	2013	2014	2015	Comments
Do all babies < 32 weeks gestation have their temperature measured within the first hour after birth? Standard: 98%	88%	88%	100%	100%	100%	94%	Above the national average (93%) Outcomes: 23babies(68%) had normal temp (36.5-37.5) 6 babies (18%) had temp 36.0-36.4 4 babies (12%) had temp >37.5 1 baby (3%) had temp <35.9
Are all mothers who deliver their babies between 24 and 34 weeks gestation given any dose of antenatal steroids? Standard: 85%	63%	100%	94%	93%	94%	93%	Above the national average (85%) 80 eligible mothers
Do all babies <1501g or <32 weeks gestation and still an inpatient undergo retinopathy of prematurity screening as per current recommendation? 100%	44%	58%	55%	94%	98%	100%	Above the national average (98%) 37 eligible babies
What proportion of babies <33 weeks gestation at birth were receiving any of their own mother's milk at final discharge from a neonatal unit?	34%	58%	50%	28%	56%	60%	Above the national average (58%) North West network 43% 33 eligible babies
Is there a documented consultation with parents/carers by a senior member of the neonatal team within 24 hours of admission? 100%	54%	48%	87%	100%	100%	99%	Above the national average (88%) 310 episodes
Are rates of normal survival (born<30 weeks gestation) at two years comparable in similar babies from similar neonatal units? 100% data entry				85% data entry at 2 yrs.	100% data entry at 2 yrs.	100% data entry at 2 yrs.	Above the national average (62%) 8 eligible babies (Born July 12-June13 & survived to discharge): No impairment: 6 (75%) (National LNU average: 28%) Mild/moderate impairment: 1 (13%) Severe impairment: 1 (13%) Not determinable: 0
What is the proportion of babies born <32 weeks who develop bronchopulmonary dysplasia (BPD)? New Standard				Significant BPD: Mild BPD: No BPD:		23% 17% 61%	22% LNU national average 16% 62% (Data for 3 yrs 2013-2015. 84 eligible CoCH babies)