

Neonatal Critical Care Quality Dashboard 2020/21

Reporting Periods

Indicator Reference Number	Domain	Theme	Measure	Rationale	Name of Indicator/Description	Numerator	Denominator	Period Type	Frequency	Data Source Numerator	Data Source Denominator	Target	Interpretation Guidance	Notes	Reporting Periods			
															Q1	Q2	Q3	Q4
NIC02	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical process	Retinopathy screening		Percentage of babies born at less than 32 weeks of gestation and/or with a birth weight less than 1501g who receive specialist neonatal care and undergo retinopathy screening in line with national guidelines on timing	Number of babies born at less than 32 weeks of gestation and/or with a birth weight less than 1501g, receiving specialist neonatal care and discharged from hospital (only live discharges included) undergoing retinopathy screening in line with national guidelines on timing	Number of babies born at less than 32 weeks of gestation and/or with a birth weight less than 1501g, receiving specialist neonatal care and discharged from hospital (only live discharges included)	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better	NOTE ALSO: As this is a unit level item it is necessary to specify if this refers to ALL babies in this category discharged from said unit, even if the baby was not in the unit when ROP screening was due. Alternatively precise other specification is required. The timing for screening is based on the National Neonatal Audit Programme criteria	Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC04	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical outcome	Blood stream infection (CA-BSI)		Proportion of babies with positive blood culture* after 72h of age standardised to a rate per 1000 catheter days	Number of babies with one or more positive blood culture while line present	Number of line days, in thousands (include line days from prior to 72 hours of life)	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Lower is better	Positive cultures – taken after 72 hours of age Positive culture with line present = line in on same calendar day Central line = surgical venous line, UVC, UAC or PICC on same day as culture taken (* cultures with the same organism taken within 72h of each other should be counted as one positive episode)	Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC13a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical outcome	Admission hypothermia		Proportion of newborn babies born at less than 32 weeks of gestation admitted for neonatal care who have an admission temperature taken within an hour of birth which is in the range of 36.5 - 37.6°C	Of those in the denominator, the number of babies with an admission temperature taken within an hour of birth that is within the range 36.5 - 37.6°C	The total number of newborn babies admitted to neonatal care that are less than 32 weeks gestation in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Lower is better	Wish to align with NNAP admission hypothermia measure which measures temperature in patients less than 32 weeks and temperature is between 36.5 and 37.5 measured within an hour of birth	Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC14a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Clinical process	Birth place of extremely premature network babies		Proportion of babies born at less than 27+0 weeks of gestation who are born in a hospital with a NICU in the Network.	Number of babies born at less than 27+0 weeks gestation in a hospital with a NICU.	The total number of babies born at less than 27+0 weeks gestation in the network in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET			Higher is better		Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21

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															Q1	Q2	Q3	Q4
NIC15a	Domain 1: Preventing people from dying prematurely	Clinical process	Antenatal steroids		Proportion of babies with a gestational age between 23 ⁺⁰ and 33 ⁺⁶ weeks whose mothers received antenatal steroids	Number of babies born between 23 ⁺⁰ and 33 ⁺⁶ weeks whose mothers received antenatal steroids	The total number of babies born between 23 ⁺⁰ and 33 ⁺⁶ weeks in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better	This is a Unit level item it is necessary to specify if this refers to ALL babies in this category discharged from said Unit.	Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC17	Domain 1: Preventing people from dying prematurely	Clinical process	Magnesium Sulphate		Percentage of babies with a gestational age below 30+0 weeks gestation whose mothers were given magnesium sulphate in the 24 hours before delivery	Number of babies born below 30+0 weeks whose mothers received magnesium sulphate	Number of babies born below 30+0 weeks gestation	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better		Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC19	Domain 1: Preventing people from dying prematurely	Clinical process	Breastmilk feeding at discharge home		Proportion of babies born at less than 32 weeks gestational age receiving any of their own mother's milk at discharge to home from a neonatal unit	Of those in the denominator, the number of babies born at less than 32 weeks gestation that were discharged home at end of care, receiving their own mothers milk at discharge home	The total number of babies born at less than 32 weeks gestation that were discharged home at end of care in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better	may have to look at babies discharged in the reporting period only - tbc	Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC20	Domain 1: Preventing people from dying prematurely	Clinical process	Early breastmilk feeding		Proportion of babies born at less than 32 weeks gestational age receiving any of their own mother's milk at day 14 of life	Of those in the denominator, the number of babies born at less than 32 weeks gestation that receive their own mothers milk at day 14	The total number of babies born at less than 32 weeks gestation that survive to their 14th day of life in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better		Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21
NIC21	Domain 1: Preventing people from dying prematurely	Clinical process	Follow up at two years of age		Proportion of babies born at less than 30 weeks gestational age who received medical follow up at 2 years corrected age	Of those in the denominator, the number of babies who received medical follow up by 2 years corrected age	The total number of babies born at less than 30 weeks who reach 2 years corrected age in the reporting period	Quarterly	Quarterly	Clevermed / BadgerNET	Clevermed / BadgerNET		Higher is better		Apr 20 - Jun 20	Jul 20 - Sep 20	Oct 20 - Dec 20	Jan 21 - Mar 21

Data collection has been approved by the Review of Central Returns - ROCR
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