

National Neonatal Audit Programme (NNAP): A guide to the 2018 audit measures

Audit measure

Antenatal steroids

Are all mothers who deliver babies between 23 and 33 weeks gestation inclusive given any dose of antenatal steroids?

Antenatal magnesium sulphate

Are mothers who deliver babies below 30 weeks gestation given Magnesium Sulphate in the 24 hours prior to delivery?

Birth in a centre with a neonatal intensive care unit (NICU)

Were live born and admitted babies born at less than 27 weeks gestation delivered in maternity services on the same site as designated NICUs?

Promoting normal temperature on admission for very preterm infants

What proportion of babies born at less than 32 weeks gestation, and who are admitted to a neonatal unit, have a first measured temperature of 36.5–37.5°C within one hour of birth?

Parental consultation within 24 hours of admission

Is there a documented consultation with parents by a senior member of the neonatal team within 24 hours of admission?

Parental presence at consultant ward rounds

For all parents of babies with admissions of greater than 24 hours, did at least one parent attend a consultant ward round?

On time screening for retinopathy of prematurity

Do all babies born weighing less than 1501 g, or at gestational age of less than 32 weeks, undergo the first retinopathy of prematurity (ROP) screening in accordance with the NNAP interpretation of the current guideline recommendations?

Encephalopathy

What proportion of babies born at greater than 34 weeks gestation have an encephalopathy within the first three full calendar days after birth?

Bloodstream infection

What proportion of babies have one or more episodes of bloodstream infection, characterised by one or more positive blood cultures taken after 72 hours of age?

Central line associated bloodstream infection

How many babies have a positive blood culture (any species) with a central line present, after the first 72 hours of life, per 1000 central line days?

Bronchopulmonary dysplasia (BPD)

What proportion of babies born at less than 32 weeks developed bronchopulmonary dysplasia?

Necrotising enterocolitis

What proportion of live born babies born at less than 32 weeks gestation who were admitted to a neonatal unit met the NNAP surveillance definition for Necrotising enterocolitis (NEC) on one or more occasion?

Minimising inappropriate separation of mother and term baby

For babies with a birth gestation of less than or equal to 37 weeks, who did not have any surgery or a transfer during any admission: How many Special Care^a or Normal Care^b days were provided when oxygen was not administered?

(a= Healthcare Resource Group (HRG) 3 or b= HRG 5, as defined by the NHS England neonatal critical care service specification)

Minimising inappropriate separation of mother and late to moderate preterm baby

For babies with a birth gestation of 34-36 weeks completed inclusive, who did not have any surgery or a transfer during any admission: How many Special Care^a or Normal Care^b days were provided when oxygen was not administered?

(a= HRG 3 or b= HRG 5, as defined by the NHS England neonatal critical care service specification)

Breastmilk feeding at discharge home

What proportion of babies born at less than 33 weeks gestation were receiving any of their own mother's milk at discharge to home from a neonatal unit?

Follow up at two years of age

How many babies born at less than 30 weeks gestation received medical follow up at two years gestationally corrected age (18-30 gestationally corrected age range of acceptable ages) and for how many are complete results of a structured assessment recorded?

Mortality to discharge in very preterm infants

What proportion of babies with gestation at birth of less than 32 weeks die before discharge home, or 44 weeks post menstrual age (whichever occurs sooner).

Nurse staffing on neonatal units

Measure one: What proportion of nursing shifts are numerically staffed according to guidelines and service specification?

Measure two: What proportion of shifts staffed according to guidelines and service specification: qualification in speciality?

Measure three: How many additional nursing shifts are required to be worked to meet guidelines and service specification?