



Staffordshire, Shropshire & Black Country  
Neonatal Operational Delivery Network



# Neonatal Guidelines 2017-19

The seventh edition of the guidelines have been reviewed by the stated unit which confirms the adoption of the guidelines identified in the table below :

Trust: University Hospitals Birmingham		Unit: Heartlands and Good Hope Hospital
Title: Dr	Surname: Walker	First Name: Amy
Email: amy.walker2@heartofengland.nhs.uk		Telephone: 01214240647
Signature of Clinical Lead: Pinki Surana		Signature of Trust Medical Director:
Date: 06.04.2018		Date:
Date Received by Network:		

Please tick in the table below whether each individual guideline has either been Fully adopted with local information

Adopted with minor amendments with *a copy/copies of the amended versions of the guidelines used by the Trust attached, or*

Not followed/using a local guideline *\*\*a copy/copies of the local guidelines followed by the Trust are attached.*

*To inform the update of the next edition of the network guidelines please supply the network with copies of your guidelines where you have ticked adopted with minor amendments, or not followed/using local guideline.*

Please return the completed form and copies of amended/local guidelines to [sarah.carnwell@nhs.net](mailto:sarah.carnwell@nhs.net)

Or by post to:

Staffordshire, Shropshire and Black Country Neonatal ODN

Flat 3, Block 1

Cowan Drive

Hospital Staff Residences

Weston Road

Stafford

ST16 3RS

by Monday 5 March 2018

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
<b>ADMISSION &amp; DISCHARGE</b>			
Admission to neonatal unit (NNU)		√	
Death and seriously ill babies	√		
Discharge from Neonatal Unit			√
Follow up of babies discharged from the Neonatal Unit			√
Labour ward calls	√		
Transport and referral	√		
<b>CARDIOVASCULAR</b>			
Cardiac murmurs	√		
Congenital heart disease duct-dependent	√		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
lesions [Including hypoplastic left heart syndrome (HLHS) and left-sided outflow tract obstructions]			
ECG abnormalities	√		
Heart failure	√		
Hypotension			√
Patent ductus arteriosus (PDA)			√
Pericardiocentesis	√		
Supraventricular tachycardia	√		
Vascular spasm and thrombosis	√		
<b>CRITICAL CARE</b>			
Babies born at margins of viability (previously Extreme prematurity)	√		
Golden hour-preterm babies <28 weeks' gestation	√		
Hydrops fetalis	√		
Hypothermia	√		
Massive haemorrhage New guideline	√		
Pain assessment and management	√		
Resuscitation	√		
Subgaleal haemorrhage (SGH) New guideline	√		
Sudden unexpected postnatal collapse in first week of life	√		
<b>DEVELOPMENT CARE</b>			
Developmental care	√		
Down syndrome – initial management New guideline	√		
Environment and noise	√		
Kangaroo care	√		
Non-nutritive sucking (NNS)			
Positioning	√		
<b>ENDOCRINE/METABOLISM</b>			
Hyperglycaemia	√		
Hyperkalaemia	√		
Hypernatraemic dehydration	√		
Hypoglycaemia	√		
Hypokalaemia	√		
Hypothyroidism			√
Intravenous fluid therapy		√	
Medium-Chain Acyl-CoA Dehydrogenase Deficiency (MCADD) – early management of babies with family history	√		
Metabolic bone disease	√		
Thyroid disease (management of babies born to mothers with thyroid disease)			√
<b>GASTROENTEROLOGY</b>			
Ankyloglossia (tongue-tie) – division for breastfeeding New guideline	√		
Gastro-oesophageal reflux (GOR)	√		
Jaundice		√	
Liver dysfunction in preterm babies	√		
Nasogastric tube – administration of feed, fluid or medication	√		
Necrotising enterocolitis (NEC)	√		
Progression of oral feeding in preterm babies New guideline	√		
<b>HAEMATOLOGY</b>			
Blood group incompatibilities (including Rhesus disease)	√		
Coagulopathy	√		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
Polycythaemia	√		
Thrombocytopenia	√		
Transfusion of red blood cells	√		
Vitamin K	√		
<b>INFECTION</b>			
BCG immunisation			√
CMV	√		
Conjunctivitis			√
Hepatitis B and C		√	
Herpes simplex			√
Human immunodeficiency virus (HIV)	√		
Immunisations	√		
Infection in first 72 hours of life	√		
Infection (late onset)	√		
Multi-drug resistant organism colonisation (MRSA, ESBL, etc.)	√		
Palivizumab	√		
Syphilis – babies born to mothers with positive serology	√		
Tuberculosis (investigation and management following exposure in pregnancy)	√		
Varicella	√		
<b>NEUROLOGY</b>			
Abstinence syndrome	√		
Congenital hypotonia	√		
Cooling in non-cooling centres – referral and preparation of eligible babies for active cooling	√		
Hypoxic ischaemic encephalopathy (HIE)		√	
Post haemorrhagic ventricular dilatation <b>New guideline</b>	√		
Seizures	√		
Upper limb birth injuries including brachial plexus injury	√		
<b>NUTRITION</b>			
Bottle feeding in the neonatal unit	√		
Breastfeeding	√		
Breast milk expression	√		
Breast milk handling and storage	√		
Nutrition and enteral feeding	√		
Parenteral nutrition	√		
<b>PRACTICAL PROCEDURES</b>			
Arterial line insertion	√		
Arterial line sampling	√		
Cannulation – peripheral venous	√		
Chest drain insertion (traditional)	√		
Chest drain insertion – Seldinger technique	√		
Consent	√		
Endotracheal tube (ETT) suctioning	√		
Exchange transfusion	√		
Extravasation injuries	√		
Growth monitoring <b>New guideline</b>	√		
Long Line insertion (peripherally sited)			√
Nasogastric tube insertion	√		
Prostaglandin infusion	√		
Skin biopsy for inborn errors of metabolism	√		
Skin care	√		
Transillumination of the chest	√		
Umbilical artery catheterisation and removal			√
Umbilical venous catheterisation and removal			√
Venepuncture	√		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
<b>RENAL</b>			
Renal failure	√		
Urinary tract abnormalities diagnosed antenatally	√		
<b>RESPIRATORY</b>			
Apnoea and bradycardia		√	
Chest physiotherapy	√		
Chronic lung disease	√		
Continuous positive airway pressure (CPAP)	√		
High-flow nasal cannulae (HFNC) respiratory support	√		
Intubation	√		
Intubation - difficult	√		
Nitric oxide	√		
Oxygen on discharge	√		
Oxygen saturation targets	√		
Persistent pulmonary hypertension of the newborn (PPHN)	√		
Pulmonary haemorrhage	√		
Surfactant replacement therapy	√		
Transcutaneous CO <sub>2</sub> and O <sub>2</sub>			√
Ventilation: conventional			√
Ventilation: high-flow nasal cannulae (HFNC)	√		
Ventilation: high frequency oscillatory ventilation (HFOV)			√
Ventilation: synchronous positive pressure (SIPPV)	√		
Ventilation: volume-targeted (volume guarantee/targeted tidal volume)			√
<b>SCREENING</b>			
Antenatal ultrasound abnormalities	√		
Bloodspot screening	√		
Cranial ultrasound scans			√
Developmental dysplasia of the hip (DDH)		√	
Disorders of sexual development	√		
Examination of the newborn	√		
Hearing screening	√		
Pulse-oximetry (universal) screening	√		
Retinopathy of prematurity (ROP)		√	
Sacral dimple	√		
<b>SURGICAL GUIDELINES</b>			
Ano-rectal malformation in NNU before transfer to surgical centre	√		
Broviac line insertion	√		
Congenital diaphragmatic hernia (CDH) <b>New guideline</b>	√		
Exomphalus – initial management	√		
Gastroschisis	√		
Inguinal hernia	√		
Intra-abdominal cysts	√		
Myelomeningocele (MMC) <b>New guideline</b>	√		
Oesophageal atresia	√		
Rectal washout using syringe method	√		
Recycling stoma losses via a mucus fistula	√		
Stoma management (gastrointestinal)	√		