



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: Sandwell & West Birmingham Hospitals NHS Trust		Unit: Birmingham City Hospital
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Signature of Clinical Lead: Dr S Sivakumar		Signature of Trust Medical Director: Dr David Carruthers
Date: 28 th March 2018		Date: 28 th March 2018
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

Or by post to:

Staffordshire, Shropshire and Black Country Neonatal ODN

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Cowan Drive

Hospital Staff Residences

Weston Road

Stafford

ST16 3RS

by Monday 2 April 2018

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
ADMISSION & DISCHARGE			
Admission to neonatal unit (NNU)	✓		
Death and seriously ill babies	✓		Hyperlinked to SWBH Trust Death in children policy
Discharge from Neonatal Unit		✓	
Follow up of babies discharged from the Neonatal Unit	✓		
Labour ward calls	✓		
Transport and retrieval	✓		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
CARDIOVASCULAR			
Cardiac murmurs		√(proforma)	
Congenital heart disease duct-dependent 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 New guideline	√		
Vascular spasm and thrombosis	√		
CRITICAL CARE			
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	√		
DEVELOPMENT CARE			
Developmental care	√		
Down syndrome – initial management New guideline	√		
Environment and noise	√		
Kangaroo care	√		
Non-nutritive sucking (NNS)	√		
Positioning	√		
ENDOCRINE/METABOLISM			
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)	√		
GASTROENTEROLOGY			
Ankyloglossia (tongue-tie) – division for breastfeeding New guideline		√	
Gastro-oesophageal reflux (GOR)	√		
Jaundice		√ (IVIG)	IVIG link for DTC approval
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		√ (local additions)	

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
HAEMATOLOGY			
Blood group incompatibilities (including Rhesus disease)		√	Hyperlinked to SWBH Trust Transfusion policy (hyperlinked)
Coagulopathy	√		
Polycythaemia	√		
Thrombocytopenia		√	Hyperlinked to SWBH Trust Transfusion policy (hyperlinked)
Transfusion of red blood cells		√	Hyperlinked to SWBH Trust Transfusion policy (hyperlinked)
Vitamin K	√		
INFECTION			
BCG immunisation	√		
CMV	√		
Conjunctivitis	√		
Hepatitis B and C	√		Hyperlinked to maternity guidelines
Herpes simplex	√		Hyperlinked to maternity guidelines
Human immunodeficiency virus (HIV)	√		Hyperlinked to maternity guidelines
Immunisations	√		
Infection in first 72 hours of life		√	
Infection (late onset)		√	
Multi-drug resistant organism colonisation (MRSA, ESBL, etc.)		√	Refer to SWBH Trust policy (Hyperlinked)
Palivizumab	√		
Syphilis – babies born to mothers with positive serology	√		Hyperlinked to maternity guidelines
Tuberculosis (investigation and management following exposure in pregnancy)	√		
Varicella	√		Hyperlinked to maternity guidelines
NEUROLOGY			
Abstinence syndrome		√	
Congenital hypotonia New guideline	√		
Cooling in non-cooling centres – referral and preparation of eligible babies for active cooling	√		
Hypoxic ischaemic encephalopathy (HIE)	√		
Post haemorrhagic ventricular dilatation New guideline	√		
Seizures	√		
Upper limb birth injuries including brachial plexus injury	√		
NUTRITION			
Bottle feeding in the neonatal unit	√		
Breastfeeding	√		
Breast milk expression	√		
Breast milk handling and storage	√		
Nutrition and enteral feeding	√		
Parenteral nutrition	√		
PRACTICAL PROCEDURES			
Arterial line insertion	√		
Arterial line sampling	√		
Cannulation – peripheral venous	√		
Chest drain insertion (traditional)	√		
Chest drain insertion – Seldinger technique	√		
Consent	√		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
Endotracheal tube (ETT) suctioning	√		
Exchange transfusion	√		
Extravasation injuries		√ (included SWBH flow chart)	
Growth monitoring New guideline	√		
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	√		
RENAL			
Renal failure	√		
Urinary tract abnormalities diagnosed antenatally	√		
RESPIRATORY			
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	√		Hyperlinked to SWBH HOOF policy for children
Oxygen saturation targets	√		
Persistent pulmonary hypertension of the newborn (PPHN)	√		
Pulmonary haemorrhage	√		
Surfactant replacement therapy	√		
Transcutaneous CO ₂ and O ₂	√		
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)	√		
SCREENING			
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	√		
SURGICAL GUIDELINES			
Ano-rectal malformation in NNU before transfer to surgical centre	√		
Broviac line insertion	√		
Congenital diaphragmatic hernia (CDH) New	√		

Topic	Fully Adopted (Includes insertion of local tel no.s etc)	Adopted with Minor Amendments *	Not Followed / Using Local Guideline **
guideline			
Exomphalus – initial management	√		
Gastroschisis	√		
Inguinal hernia	√		
Intra-abdominal cysts	√		
Myelomeningocele (MMC) New guideline	√		
Oesophageal atresia	√		
Rectal washout using syringe method	√		
Recycling stoma losses via a mucus fistula	√		
Stoma management (gastrointestinal)	√		