



The Shrewsbury and Telford Hospital

NHS Trust

Neonatal Brain Magnetic Resonance Imaging: Clinical indications, acquisition and reporting

A Framework for Practice

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Table 1: Essential information that should be provided in the scan request.

Antenatal	Perinatal	Postnatal
Estimated date of delivery	Date & time of birth	Neurological signs and evolution Dysmorphic features
Maternal health (e.g. diabetes, drug use etc).	Gestational age at birth	Details of therapeutic cooling
Relevant obstetric/family history	CTG abnormalities	Information on hypotension, sepsis, hypoglycaemia, electrolyte disturbance
Abnormal findings on antenatal scans	Mode of delivery	Seizure activity history with aEEG and EEG findings, where available
	Presence of meconium	Evidence of organ dysfunction (heart/liver/kidney)
	Apgar scores at 1, 5, and 10 minutes	Clotting problems/thrombocytopenia
	Cord blood gases	Information on ability to feed orally
	Need for prolonged resuscitation	CrUS findings
	Birth weight, OFC	