

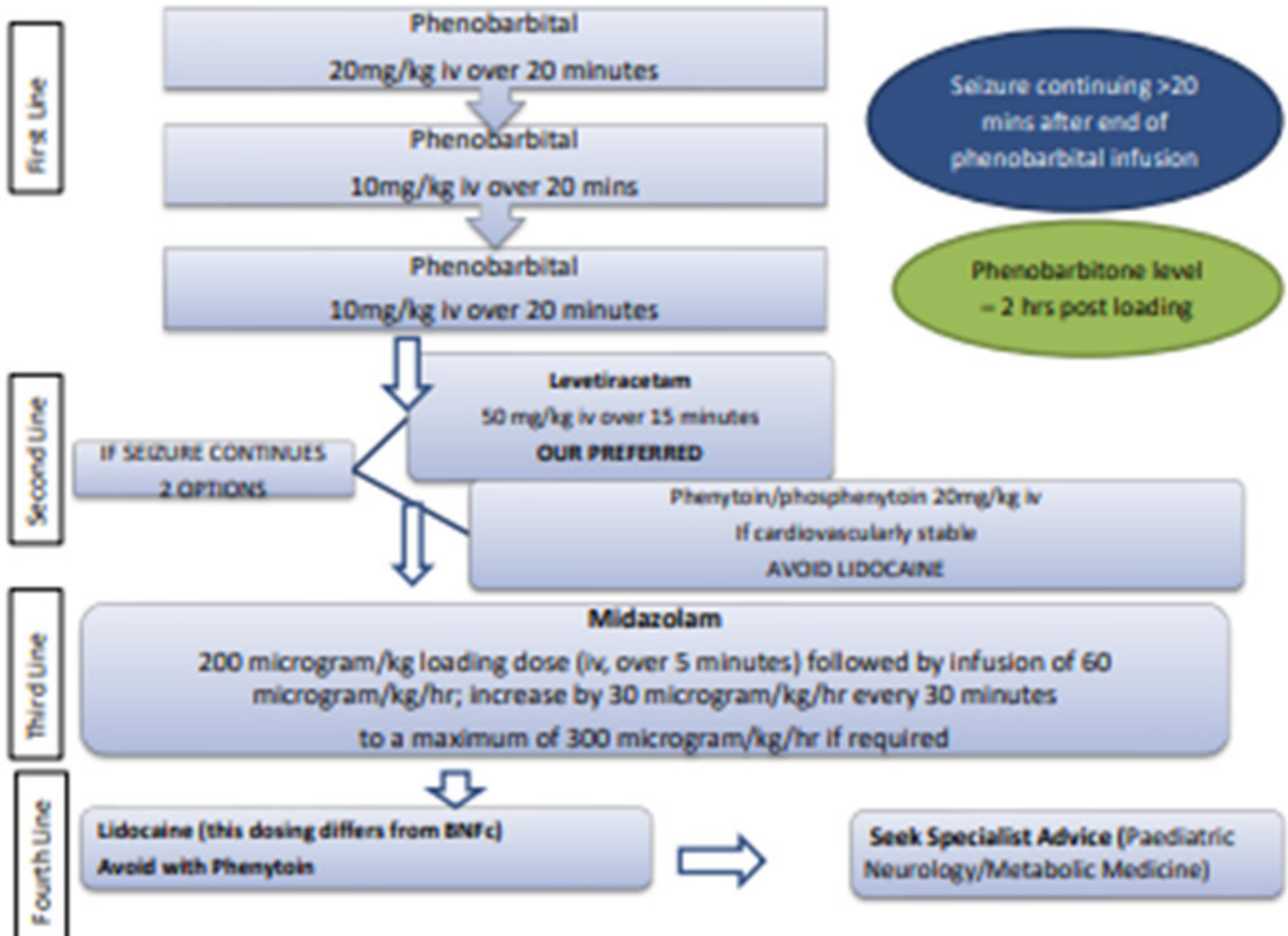
Flowchart for Management of Neonatal Seizures

Flow Chart for Management of Neonatal Seizures

Manage ABC, Commence aEEG monitoring

Treat underlying cause

- Hypoxic-ischaemic encephalopathy: therapeutic hypothermia
- Hypoglycaemia: 2-3ml/kg iv 10% Glucose or 200mg/kg (=0.5ml/kg) oral 40% Dextrose gel if no iv access
- Hypocalcaemia: 0.11mmol/kg 10%(=0.5ml/kg) iv 10% Calcium Gluconate and Magnesium
- Hypomagnesaemia: 100mg/kg (=0.4mmol/kg) iv or im Magnesium Sulphate
- Hypocarbica: adjust ventilation if on mechanical ventilation
- Opiate withdrawal: 50 microgram/kg iv Morphine
- Meningitis/Encephalitis: antibiotics +/- Aciclovir (if history/presentation suggestive of HSV)



Weight	Bolus (mg/kg)	Infusion I (mg/kg/h)	Infusion II (mg/kg/h)	Infusion III (mg/kg/h)	Duration of infus. (h)	Total dose (mg/kg)