

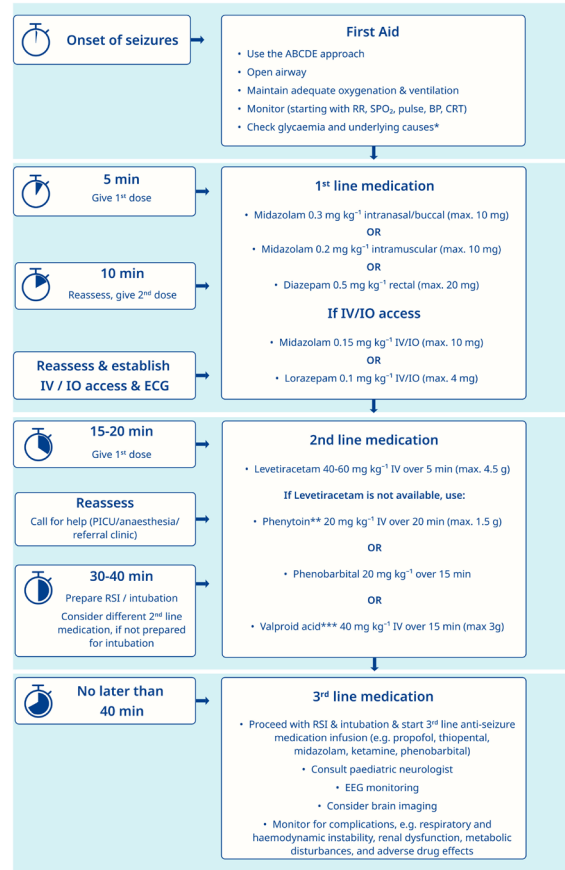


ABCDE APPROACH IN PAEDIATRIC LIFE SUPPORT

A - Airway	B - Breathing	C - Circulation	D - Disability	E - Exposure
- Partial or total airway obstruction - Needle for air entry and chest rise	- Respiratory failure - Apnoea, tachypnoea, chest of breathing, tidal volume, oxygenation	- Shock and its type - Altered mental status, peripheral perfusion, blood pressure, pulse, rhythm	- Neurological failure - Altered mental status, GCS, lateralisation, tonic, seizures	- Special circumstances - Exposure and physical examination
Monitoring & investigations	SpO₂, ECG, ABG, POCUS	- ECG-monitor, NIBP 12-lead ECG, POCUS, POC blood samples (lactate, urine output)	Blood glucose	- Body temperature - AMPLE
Treatments & considerations	- Oxygen + titration of FiO₂ - Mechanical ventilation - ECMO	- IVIO, isotonic crystalloids, blood products, plasma, platelets, cryoprecipitates, viscoelastic, inotropes - Treatment of arrhythmias - Specific interventions according to the type of shock, incl. ECMO	- Neuroprotective strategies (treat seizures, hypoxaemia, anaesthesia) - Signs of paediatric stroke or neuroinfection	- Antibiotics, antivirals - Special circumstances - Avoiding and treating hypothermia and hyperthermia - Child abuse & neglect
Goals	- Adequate oxygenation - Adequate ventilation	Adequate organ perfusion, SBP & MAP above 5th percentile	Neuroprotection	Identification of underlying disease
High risk of sudden CA	Unstable or silent chest, tension pneumothorax	Exsanguinating haemorrhage, tamponade	Intracranial hypertension, hypoglycaemia	Hypothermia, severe trauma, thrombosis

Recognise emergency, support organs, treat underlying condition, reassess and include family

GENERALISED CONVULSIVE STATUS EPILEPTICUS IN PAEDIATRICS



*Infection, intoxication, intracranial hypertension, electrolyte disorders, channelopathies

**Phenytoin: monitor ECG and BP, caution with cardiopathies, arrhythmias and AV blocks

***Valproic acid should be avoided in pregnant teenagers, suspected liver failure or metabolic diseases

Local availability of drugs and implementation strategies may change this algorithm

PAEDIATRIC ADVANCED LIFE SUPPORT ALGORITHM



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