

COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES
 POLICY / PROCEDURE / PROTOCOL

Number S-161
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SUBJECT: PEDIATRIC TREATMENT PROTOCOL
 ALTERED NEUROLOGIC FUNCTION (NON-TRAUMATIC)

Date 07/01/2021

BLS

ALS

- Ensure patent airway
- O₂ saturation, O₂ and/or ventilate PRN
- Spinal motion restriction PRN
- Position on affected side, if difficulty managing secretions
- Do not allow patient to walk
- Restrain PRN
- Monitor blood glucose SO

Symptomatic suspected opioid OD with RR low for age. Use with caution in opioid-dependent, pain-management patients.[Ⓞ]

Patients <35 kg (77 lbs)

- Ventilate PRN
- Call for ALS

Patients ≥35 kg

- Naloxone 4 mg via nasal spray preloaded single-dose device. Administer full dose in one nostril.

OR

- Naloxone 2 mg via atomizer and syringe. Administer 1 mg into each nostril.

EMTs may assist family or friend to medicate with patient's prescribed naloxone in **symptomatic suspected opioid OD**

Suspected hypoglycemia or patient's blood sugar is <60 mg/dL (<45 mg/dL for neonates)

- If patient is awake and able to manage oral secretions, give oral glucose paste or 3 tablets (15 gm total)
- Patient may eat or drink, if able
- If patient is unconscious, NPO

Stroke/TIA

- Treat per Adult Stroke and Transient Ischemic Attack (S-144)
- Pediatric patients presenting with stroke symptoms should be transported to Rady Children's Hospital

Seizures

- Protect airway and protect from injury
- Treat associated injuries
- If febrile, remove excess clothing/covering

- Monitor/EKG
- Capnography SO PRN
- IV SO

Symptomatic suspected opioid OD with respiratory depression (RR low for age, SpO₂<96%, or EtCO₂ ≥40 mmHg).

- Naloxone per drug chart IN/IV/IM SO, MR SO
- For opioid-dependent patients, dilute and titrate slowly per drug chart

Symptomatic hypoglycemia with altered LOC or unresponsive to oral glucose agents

- D₁₀ per drug chart IV SO if BS <60 mg/dL (<45 mg/dL for neonate)
- If patient remains symptomatic and BS remains <60 mg/dL (<45 mg/dL for neonate), MR SO
- If no IV, glucagon per drug chart IM SO if BS <60 mg/dL (<45 mg/dL for neonate)

Status epilepticus (generalized, ongoing, and recurrent seizures without lucid interval)

- Midazolam IM per drug chart SO

Partial seizure lasting ≥5 min (includes seizure time prior to arrival of prehospital provider)

- Midazolam IN/IM/IV/IO per drug chart SO, MR x1 in 10 min SO

Eclamptic seizure of any duration

- Treat per Adult Obstetrical Emergencies / Newborn Deliveries (S-133)

[Ⓞ]Authorized by County of San Diego EMS Medical Director for public safety personnel per Title 22, Chapter 1.5, § 100019