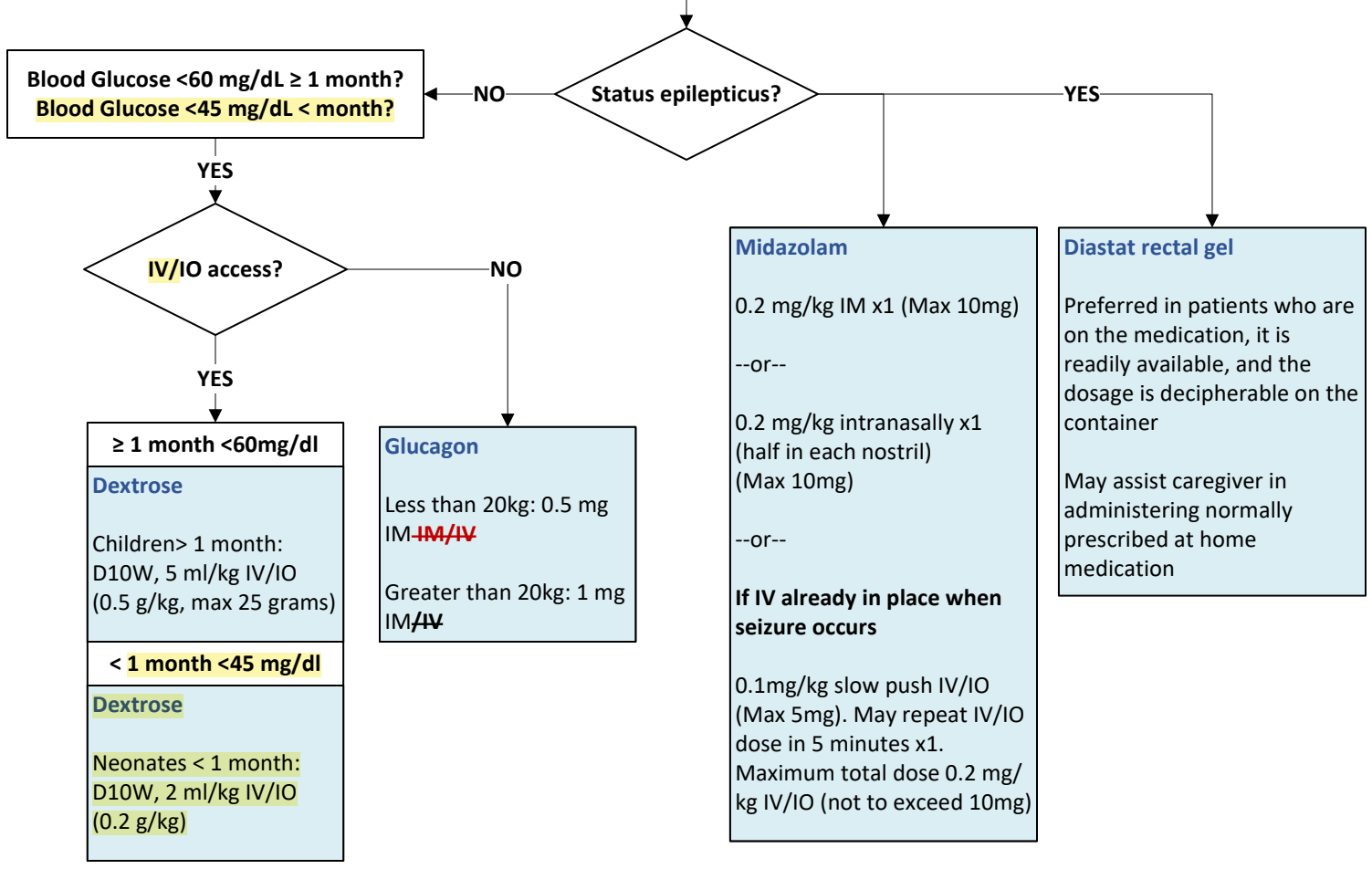


## 8.10 PEDIATRIC SEIZURE EMSAC JULY 2024

### BLS – FAQ Link

- Assess **Vital Signs**,
- ABC's and responsiveness,
- **NPO**,
- **Oxygen** as needed
- Transport in left lateral recumbent position if no C-spine injury suspected

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**Make Base Hospital Contact**  
Additional **Midazolam** administration beyond max dose needed for patient with continued seizures.

## 8.10 PEDIATRIC SEIZURE

EMSAC JULY 2024

BLS Treatment
<ul style="list-style-type: none"><li>• Assess airway, breathing, circulation and responsiveness.</li><li>• Assess signs</li><li>• <b>Oxygen</b> as indicated.</li><li>• Transport in left lateral recumbent position if no C-spine injury is suspected.</li></ul>
ALS Treatment
<ul style="list-style-type: none"><li>• IV or IO of <b>Normal Saline</b> at TKO.</li><li>• Check blood glucose. If blood glucose &lt;60 mg/dl <b>for children or &lt;45mg/dl for neonates:</b> administer <b>Dextrose</b>.<ul style="list-style-type: none"><li>○ Neonates 1 month: D10W, 5ml/kg IV/IO (0.5g/kg. Max 25 gram)</li><li>○ Children &gt;1 month: D10W, 5ml/kg IV/IO (0.5g/kg. Max 25 gram)</li></ul></li><li>• If no IV or IO access: administer <b>Glucagon</b>.<ul style="list-style-type: none"><li>⊖ Less than 20kg: 0.5mg IM/<del>IV</del></li><li>○ Greater than 20kg: 1mg IM/<del>IV</del></li></ul></li><li>• If status epilepticus is present, administer <b>Midazolam</b> or Diastat rectal gel:</li><li>• Status epilepticus is continuous seizure activity lasting &gt; 5 minutes OR multiple seizures without regaining consciousness between seizures.</li><li>• Status epilepticus is continuous seizure activity lasting &gt; 5 minutes OR multiple seizures without regaining consciousness between seizures.<ul style="list-style-type: none"><li>• <b>Midazolam:</b><ul style="list-style-type: none"><li>• 0.2 mg/kg IM x1 (Max 10mg)</li><li>• 0.2 mg/kg intranasally x1 (half in each nostril) (Max 10mg)</li><li>• 0.1 mg/kg slow push IV/IO (max 5mg). May repeat IV/IO dose in 5 min x1. Maximum total dose 0.2mg/kg IV/IO (not to exceed 10mg)</li></ul></li></ul></li><li>• Administer Midazolam IV only if IV in place when seizure occurs.</li><li>• <b>Diastat rectal gel:</b> Preferred in patients who are on the medication, it is readily available, and the dosage is decipherable on the container. May assist caregiver in administering normally prescribed at home medication</li></ul>
Base Hospital Contact
<b>Additional Midazolam administration beyond max dose needed for patient with continued seizures.</b>

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