

Simulation Date: ____/____/____	Study Team No.: _____	Rater ID: _____
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Modified Lammer's checklist tool for 6-month-old infant seizure case.

No.	Skill	Critical action step	Complete action	Incomplete action	Could not observe action
1	Initial assessment (ABCs)	Recognize presence of seizure activity within 60 seconds			
2		Check for spontaneous respirations (present)			
3		Check pulse (present; rate =160/min)			
4		Select correct size oropharyngeal airway ("50 mm" size)			
5		Insert oropharyngeal airway			
6		Insert oropharyngeal airway correctly			
7		Select correct size non-rebreather mask ("pediatric NRB")			
8		Deliver high-flow oxygen (8-15 L/min) by non-rebreather mask within 90 seconds			
9		Apply cardiac monitor electrodes			
10	Vascular access	Consider IV or IO placement			
11		Prep IV/IO site			
12		Insert an IV/IO line			
13		Aspirate blood or flush IV/IO line with syringe & normal saline			
14	Anticonvulsant therapy	Correctly estimate weight at 6-8 kg , based on length-based or age-based cognitive aide (e.g., tape, application, card). Per Broselow tape, <i>pink zone</i> or age			
15		Select correct weight-based dose of benzodiazepine per protocol (see reference guide)			
16		Give correct weight-based dose of benzodiazepine by approved route (see reference guide)			
17	History and exam	Inquire about: Duration of prior seizure			
18		Inquire about: Symptoms or signs of recent illness			
19		Inquire about: Medications			
20		Inquire about: Allergies			
21		Inquire about: Prior medical illnesses			
22		Check pupils			
23		Auscultate lungs			
24		Check for signs of trauma			
25	Hypoglycemia therapy	Test serum glucose with dipstick (30 mg/dL)			
26		Select appropriate weight-based dose of hypoglycemia reversal agent per protocol (see reference guide)			

27		Give appropriate weight-based dose of hypoglycemia reversal agent by approved route per protocol			
28	Medical control – refractory seizure therapy	Contact medical control per protocol			
29		Give 2 nd dose benzodiazepine 5 minutes after 1 st dose			
30		Give correct dose of benzodiazepine			
31	Management of respiratory depression	Assess respirations			
32		Reposition head and neck			
33		Check pulse			
34		Select correct size mask			
35		Select correct bag size (infant/child size)			
36		Attach tubing to bag and deliver high-flow oxygen (8-15 L/min) within 60 seconds of respiratory arrest			
37		Select correct sized oropharyngeal airway			
38		Prepare suction device			
39		Insert oropharyngeal airway			
40		Insert oropharyngeal airway correctly			
41		Use correct hand position on mask			
42		Perform bag-valve-mask ventilation			
43		Begin ventilations within 60 seconds of respiratory arrest			
44		Check for chest rise with ventilations			
45		Auscultate lungs			
46		Deliver ventilations at an appropriate tidal volume (roughly adequate chest rise without excessive force)			
47		Deliver ventilations at rate of 20-30/min (1 breath every 2-3 seconds)			

DIRECT OBSERVATION RATER:

After simulation is complete, please state the following out loud for the video raters, and record below:

- Oxygen flow setting: _____ L/min (expect 10-15L/min)
- Oral airway size used: _____ mm (expect 50 mm)
- BVM size used: _____ (expect infant/child)

RATER COMMENTS (serious safety events):