

# Simulation Scenario

**Simulation Case Title:** Pediatric Seizure

**Patient Name:** Danny

**Patient Age:** 7

**Chief Complaint:** Altered Mental Status / Seizure

<p>Brief narrative description of case <i>Include the presenting patient chief complaint and overall learner goals for this case</i></p>	<p>Respond to 911 call to children’s birthday party at Chuck-E-Cheese for 7y Male not acting appropriate. Per the parent (of friend) on scene, Danny was sitting with all the other kids getting ready to eat pizza when he “just zoned out”. Was completely normal playing earlier, no trauma, no illness per parents when they dropped him off. Trying to get ahold of his parents without any luck. Unsure about any medical history, medications or allergies.</p> <p>Scenario designed to identify seizure activity and provide rapid administration of benzodiazepine. Learn to recognize pediatric seizures.</p>
<p>Primary Learning Objectives <i>What should the learner gain in terms of knowledge and skill from this case?</i></p>	<p>To increase identification and treatment of pediatric seizures. To emphasize detection of status epilepticus in the absence of tonic-clonic convulsions for prehospital intervention.</p>
<p>Critical Actions <i>List which steps the participants should take to successfully manage the simulated patient. Theses should be listed as concrete actions that are distinct from the overall learning objectives of the case</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Vital signs acquired</li> <li><input type="checkbox"/> Auscultate lung sounds</li> <li><input type="checkbox"/> Acquire temperature</li> <li><input type="checkbox"/> Acquire blood glucose level</li> <li><input type="checkbox"/> Provide O2 support</li> <li><input type="checkbox"/> Recognize elevated HR, BP, RR and SpO2</li> <li><input type="checkbox"/> Initiate seizure protocol</li> <li><input type="checkbox"/> Administer IM/IN Benzodiazepine             <ul style="list-style-type: none"> <li><input type="checkbox"/> Midazolam 0.2mg/kg IM/IN = 4mg</li> <li><input type="checkbox"/> Lorazepam/Midazolam 0.1mg/kg IV/IO = 2mg</li> </ul> </li> <li><input type="checkbox"/> Does not delay for IV insertion</li> <li><input type="checkbox"/> FAILURE TO IDENTIFY SEIZURE ACTIVITY INITIATES DECOMPEASATION</li> </ul> <p>ALGORITHM</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> BVM DUE TO RR 4bpm</li> <li><input type="checkbox"/> Status Tonic Clonic Severe</li> <li><input type="checkbox"/> Jaw clenched – No IGel placement</li> <li><input type="checkbox"/> Administer 2<sup>nd</sup> dose IM/IN Or IV/IO Benzodiazepine             <ul style="list-style-type: none"> <li><input type="checkbox"/> Midazolam 0.2mg/kg IM/IN = 4mg</li> <li><input type="checkbox"/> Lorazepam/Midazolam 0.1mg/kg IV/IO = 2mg</li> </ul> </li> </ul> <p>*Seizure severity increases until medication administered. Seizure activity continues until second dose of benzo administered</p>
<p>Learner Preparation <i>What information should the learners be given prior to initiation of the case</i></p>	<p>Access to CAREMS protocols and HandTevy or Broselow</p>

## Initial Presentation

<b>Initial vital signs</b>	HR 165    B/P 134/86    RR 26    O2sat 91    Temp 99.5

