

POLICY: 555.32  
TITLE: Pediatric Status Seizure

EFFECTIVE: 02/01/2026  
REVIEW: 02/2028  
SUPERCEDES:

APPROVAL SIGNATURES ON FILE IN EMS OFFICE

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## PEDIATRIC STATUS SEIZURE

- I. AUTHORITY  
Health and Safety Code, Division 2.5, California Code of Regulations, Title 22, Division 9
- II. PURPOSE  
To serve as a patient treatment standard for EMRs, EMTs, and Paramedics within their scope of practice.
- III. PROTOCOL  
An actively seizing child who has been seizing for more than ten minutes OR an actively seizing child with recurrent seizures with no reawakening between seizures.

**Provider Key: F = First Responder/EMR      E = EMT      O = EMT Local Optional SOP  
P = Paramedic                                      D = Base Hospital Physician Order Required**

	F	E	O	P	D
<b>ASSESSMENT</b>	X	X	X	X	
<b>POSITION:</b> gently support head of child to avoid injury. Loosen tight fitting clothing.	X	X	X	X	
<b>BLS AIRWAY:</b> okay if airway patent. Support ventilations with appropriate airway adjuncts.	X	X	X	X	
<b>SUPRAGLOTTIC AIRWAY:</b> if GCS is < 8 and not rapidly improving, consider SGA.			X	X	
<b>PULSE OXIMETRY:</b> apply and monitor.		X	X	X	
<b>CAPNOGRAPHY:</b> apply and monitor if SGA has been placed.				X	
<b>OXYGEN:</b> 100% by non-rebreather mask or blow-by.	X	X	X	X	
<b>VASCULAR ACCESS:</b> IV/IO, rate as indicated.				X	
<b>MIDAZOLAM:</b> Do not delay for IV/IO access. <ul style="list-style-type: none"> <li>IM/IN: 0.2 mg/kg up to 10 mg. May repeat if seizure continues every 5 minutes, max total dose 20 mg.</li> <li>IV/IO: 0.1 mg/kg up to 5 mg every 2 minutes until seizure stops or max total dose 10 mg.</li> </ul>				X	
<b>ECG MONITOR:</b> lead placement may be delegated. Treat as indicated.				X	
<b>TEST FOR GLUCOSE</b>		X	X	X	
<b>D10:</b> 2-4 mL/kg IV/IO if blood sugar < 70 mg/dL for age > 28 days old or 2 mL/kg IV/IO if blood sugar < 40 mg/dL age ≤ 28 days old. Recheck blood glucose 10-minutes post infusion and repeat as needed.				X	
<b>GLUCAGON:</b> If no IV/IO access and unable to tolerate oral glucose, give 0.05 mg/kg IM (max 1 mg) if blood glucose < 70 mg/dL. Recheck blood glucose 10 minutes post injection. If blood glucose remains < 70 mg/dL, repeat dose.				X	

<b>CONSIDER CAUSES</b>
555.41 PEDIATRIC NON-TRAUMATUC SHOCK and 555.82 PEDIATRIC TRAUMA AND TRAUMATIC SHOCK
555.51 PEDIATRIC POISONING
555.53 PEDIATRIC OVERDOSE
Head Trauma – refer to 555.82 PEDIATRIC TRAUMA AND TRAUMATIC SHOCK

**Pediatric Normal Vital Signs**

<i>Age</i>	HR	RR	BP	Temp (C)	Temp (F)
<i>Premie</i>	120-170	40-70	55-75/35-45	36-38	96.8-100.4
<i>0-3 months</i>	100-160	35-60	65-85/45-55	36-38	96.8-100.4
<i>3-6 months</i>	90-120	30-45	70-90/50-65	36-38	96.8-100.4
<i>6-12 months</i>	80-120	25-40	80-100/55-65	36-38	96.8-100.4
<i>1-3 years</i>	70-110	20-30	90-105/55-70	36-38	96.8-100.4
<i>3-6 years</i>	65-110	20-25	90-110/60-75	36-38	96.8-100.4
<i>6-12 years</i>	65-100	14-22	90-120/60-75	36-38	96.8-100.4
<i>12+</i>	55-100	12-20	100-135/65-85	36-38	96.8-100.4