



Yolo County Emergency Medical Services Agency

Protocols

Revised Date: September 1, 2018

PEDIATRIC BRIEF RESOLVED UNEXPLAINED EVENT (BRUE)

Pediatric

Definition

BRUE: An infant < 1 year of age with an episode frightening to the observer characterized by apnea, choking/gagging, color change, altered level of consciousness, or change in muscle tone.

Assessment

Clinical history to obtain from observer of the event

- Impression of the infants color, respirations, and muscle tone
- Was there seizure-like activity noted?
- Was any resuscitation attempted or did the event resolve spontaneously?
- How long did the event last?

Past medical history

- Recent trauma, infection (e.g. fever, cough)
- History of GERD
- History of congenital heart disease
- History of seizures
- Medication history

BLS

Head-to-toe exam for trauma, bruising, or skin lesions

Check anterior fontanelle for bulging, flat or sunken

Pupillary exam

Respiratory exam for rate, pattern, work of breathing and lung sounds

Cardiovascular exam for symmetry of brachial and femoral pulses

Neuro exam for level of consciousness, responsiveness and any focal weakness

O₂, titrate SpO₂ to ≥ 94%

Temperature

BLS Local Scope

Blood Glucose Check

ALS

Cardiac Monitor, Waveform EtCO₂

Direction

- All BRUE patients shall be transported to the ED for assessment
- Consider non-accidental trauma
- Base Hospital Physician contact shall be made with any concern about transport decision
- Document all assessment criteria