

**COUNTY OF SACRAMENTO
EMERGENCY MEDICAL SERVICES AGENCY**



Program Document: **Pediatric Brief Resolved Unexplained Event (BRUE)**

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Signature on File

EMS Medical Director

Signature on File

EMS Administrator

Purpose:

- A. To establish the treatment standard for treating pediatric patients with a Brief Resolved Unexplained Event (BRUE).

Authority:

- A. California Health and Safety Code, Division 2.5
- B. California Code of Regulations, Title 22, Division 9

Definition:

Brief Resolved Unexplained Event (BRUE) is an episode involving an infant less than twelve (12) months of age that is frightening to the observer and there is no explanation for a qualifying event after conducting an appropriate history and physical exam.

- A. A qualifying event is characterized by one or more of the following:
 - 1. Apnea (central or obstructive)
 - 2. Color change (cyanosis, pallor, erythema)
 - 3. Marked change in muscle tone
 - 4. Unexplained choking or gagging
 - 5. Altered level of responsiveness

Protocol:

- A. EMS personnel shall make every effort to obtain the contact information of the person who witnessed the event. Provide the contact information to the receiving hospital upon patient delivery.

- B. Perform a comprehensive exam and obtain a history of event, including duration, severity, what, if any, resuscitative measures were done by the parent or caretaker, and obtain past medical history.
- C. If treatment/transport is refused by parent or guardian, contact base hospital to consult prior to leaving and document the refusal of care.
- D. BLS
 - 1. Ensure patent airway.
 - 2. Supplemental O₂ as necessary to maintain SPO₂ ≥ 94%. Use the lowest concentration and flow rate of O₂ as possible.
 - 3. Perform Blood Sugar
 - 4. Transport
- E. ALS
 - 1. Cardiac Monitor

Cross Reference:

PD #8837 - Pediatric Airway Management