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|  | <b>COUNTY OF SACRAMENTO</b><br><b>EMERGENCY MEDICAL SERVICES AGENCY</b>                        | Document #          | 9019.05  |
|   | <u>PROGRAM DOCUMENT:</u><br><b>Pediatric</b><br><b>Brief Resolved Unexplained Event (BRUE)</b> | Initial Date:       | 08/14/15 |
|   |  | Last Approval Date: | 12/08/22 |
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 EMS Medical Director

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 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.

| BLS |  |
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| 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  |
| ALS |  |
| 1.  | Cardiac Monitor  |

**Cross Reference:** PD #8837 - Pediatric Airway Management