



System Medical Advisory July 18, 2017

Urgent updates for Pediatric CPR Patients

The majority of pediatric Out-of-Hospital Cardiac Arrests (OHCAs) are due to respiratory failure (80%). Early airway management and ventilation is associated with increased survival from pediatric OHCA.

To prioritize this, all providers/responders are asked to incorporate the following into pit crew actions for patients weighing less than 37 kg (81 lbs.):

1. **Begin one or (preferred) two handed BVM ventilations ASAP** while position 1 is assessing for pulses. This occurs **prior** to measuring/inserting airway adjuncts or connecting to oxygen.
2. ITD's are no longer used on patients < 37kg (81 lbs.).
3. Ventilations should be counted by position 3 and delivered every 3-4 seconds.
4. Positions 1, 2, and 4 will assist position 3 with ventilation delivery, airway adjuncts (OPA) and, oxygen tubing connection to portable O2 as soon as they have available time.

The above will apply to all pediatric patients > 5 days and < 37kg. Implementation of the above listed priorities is immediately upon receipt of this Medical Advisory.

Please review the information on this link: <https://spark.adobe.com/video/YxKRv1G8uMPOI>

We are in the process of updating the clinical procedure (Pit Crew CP-19) for pediatric patients to better meet the needs of this patient population.

Thanks for all you do. As always, please let us know if you have any questions.

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