

Southeast Michigan Regional Protocol

Genesee, HEMS (Wayne), Lapeer, Macomb, Oakland, and Washtenaw/Livingston MCA's

Pediatric Respiratory Arrest

Pre-Radio

MFR/ EMT/SPECIALIST/PARAMEDIC

1. Follow General Pre-Hospital Care Protocol.
2. Ventilate patient using 100% oxygen with a BVM.
3. Suspect foreign body obstruction. Follow ARC/AHA guidelines for obstructed airway if necessary.

PARAMEDIC

4. If unable to ventilate patient via BVM and unable to intubate, perform needle cricothyrotomy.
5. Apply cardiac monitor and treat rhythm according to appropriate protocol.
6. Start an IV NS KVO en route. Do not delay transport to establish IV.

Post-Radio

PARAMEDIC

7. Administer Naloxone (Narcan) 0.01 mg/kg IV if narcotic OD suspected.

Pediatric Airway Equipment Guideline

| Age | Laryngoscope | ET Tube | Suction Catheter |
|-------------|-------------------------|------------------------|------------------|
| Neonatal | | | |
| • 1 kg | Miller 0 | 2.5 Uncuffed | 5 |
| • 2 kg | Miller 0 | 3.0 Uncuffed | 6 |
| • 3 kg | Miller 0-1 | 3.5 Uncuffed | 6-8 |
| • 4 kg | Miller 0-1 | 3.5 Uncuffed | 6-8 |
| Term Infant | Miller 0-1 | 3.0, 3.5 Uncuffed | 6-8 |
| 6 mo | Miller 0-1 | 3.5, 4.0 Uncuffed | 8 |
| 1 yr | Miller 1-2 | 4.0, 4.5 Uncuffed | 8 |
| 2 yrs | Miller 2 | 4.5, 5.0 Uncuffed | 8 |
| 4 years | Miller 2 | 5.0, 5.5 Uncuffed | 10 |
| 6 years | Miller 2 | 5.5 Uncuffed | 10 |
| 8 years | Miller 2 Macintosh 2 | 6.0 cuffed or uncuffed | 10 |
| 10 years | Macintosh 3 | 6.5 cuffed or uncuffed | 12 |
| 12 years | Macintosh 3 | 7.0 cuffed | 12 |
| Adolescent | Macintosh 3 Miller 3 | 7.0, 8.0 cuffed | 12 |