

UNC Pediatric ED Rapid Sequence Intubation Checklist

Weight _____ kg
Allergies _____

Preparation

- Ask team leader if difficult airway suspected
If yes, activate Pediatric Airway Emergency Pathway 974-4111
Evaluate any previous airway history (Epic: Anesthesia event OR difficult airway banner)
Identify intubator and back-up

- Confirm pre-oxygenation is started
 - Nasal cannula _____ lpm
 - High Flow _____ lpm
 - Non-rebreather _____ lpm
 - Bag-valve mask

- Positioning
 - Ear to sternal notch
 - If in c-collar, need someone to hold in-line c-spine

- Equipment
 - Suction
 - ETCO2/stylet/ETT secure device
 - BVM + mask hooked up to 10 LPM oxygen
 - C-MAC (and laryngoscope backup)
 - See page 3** ETT size (age in years/4 + 3.5 cuffed) + additional tube 1/2 size smaller _____
 - Check ETT cuff
 - ETT Depth anticipated at lip (3 x ETT size) _____
 - NG tube size _____
 - Adjuncts: Oral airway _____, nasopharyngeal airway _____, LMA _____, Bougie
 - Monitor with QRS volume turned on

Procedure (Epiglottoscopy + Vocal Cord Visualization + Tube Delivery)

- TIME OUT**
- Medications given (document meds on next page)
- Apneic oxygenation at 15 L NC
- Unsuccessful intubation?
 - Confirm adequate re-oxygenation
 - Discuss change of approach (position, equipment, intubator)

Post-Procedure

- Confirm ETT depth _____ Secure ETT
- Administer post-intubation medications (Post RSI Sedation Pathway attached)
- NG tube placement
- CXR

Rapid Sequence Intubation Medication Worksheet

Weight _____ kg
Allergies _____

Premedication

- Atropine 0.02 mg/kg (min 0.1 mg/dose, max 1 mg)-- 3 mins prior to sedative
- Lidocaine 1.5 mg/kg (max 100 mg)-- 5 mins prior to sedative

Sedative

- Etomidate 0.3 mg/kg (max 40 mg)-- consider avoiding in suspected sepsis
- Midazolam 0.3 mg/kg (max 10 mg)
- Ketamine _____ mg/kg --consider in asthmatics
- _____ _____ mg/kg

Paralytic

- Succinylcholine 1.5 mg/kg (max 150 mg)
- Rocuronium 1 mg/kg (max 100 mg)

Post-intubation medications

- Fentanyl 1 mcg/kg (max 100 mcg)
- Fentanyl ggt 1 mcg/kg/hr (max 5 mcg/kg/hr)
- Midazolam 0.1 mg/kg (max 4 mg)
- Midazolam ggt _____ mg/kg/hr (0.1-0.3 mg/kg/hr)
- Precedex 0.3 mcg/kg/hr (max 1.5 mcg/kg/hr)

Endotracheal Tube Size Selection Chart

Weight _____ kg
Allergies _____

Weight	Cuffed ETT size	ETT at gum	Blade size	LMA size
<3 kg	2.5	9 cm	0	1
3-5 kg	3.0	9-10.5 cm	1	1
6-7 kg	3.0	10.5-11 cm	1	1.5
8-9 kg	3.0	10.5-11 cm	1	1.5
10-11 kg	3.5	11-12 cm	1-1.5	2
12-14 kg	4.0	13.5 cm	2	2
15-18 kg	4.5	14-15 cm	2	2
19-23 kg	5.0	16.5 cm	2	2-2.5
24-29 kg	6.0	17-18 cm	2	2.5
30-36 kg	6.5	18.5-19.5 cm	3	3
>36 kg	7.0-8.0	20-22 cm	3	3-5