

APPENDIX 1

Basic paediatric airway equipment in resuscitation bay

Face masks: sizes 0, 1, 2, 3, 4, 5

Airways

- Guedel oral airways: sizes 000, 00, 0, 1, 2, 3
- Nasal airways: sizes fr 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32

Bougies: sizes Fr 5, 6, 10, 15

Stylets: sizes Fr 6, 10, 14

Suction catheters: sizes Fr 6, 8, 10, 12, 14

Magill forceps: paediatric and adult sizes

Laryngoscope blades:

- Macintosh: 1, 2, 3, 4
- Miller: 0, 1

LMAs: sizes 1, 1.5, 2, 2.5, 3, 4, 5

Proseal LMAs: sizes 1, 1.5, 2, 2.5, 3, 4, 5

Tracheal tubes:

- Uncuffed: sizes 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6.
- Cuffed (microcuff): 3, 3.5, 4, 4.5, 5, 5.5.
- Cuffed (Portex): 5, 5.5, 6, 6.5, 7, 7.5.

GUIDE TO APPROPRIATE EQUIPMENT AND SIZES FOR AGE

Laryngoscope Blades

Age	Blade
Preterm	Miller 0
Term infant	Miller 0-1/ Seward 1
6-18 months	Miller 1/Macintosh 1/Seward 1
2-6 years	Macintosh 2
6-10 years	Macintosh 2-3
11 +	Macintosh 3-4

Tracheal Tube - infants

Uncuffed tubes	
Term 0- 3 months	3-3.5
3 – 6 months	4
6 – 12 months	4.5
Microcuff tubes only in babies >3kg.	
Term baby - 8months size 3	
8 months-2 years size 3.5	

Tracheal Tube – children 1-10 years

Uncuffed	$(\text{Age}/4) + 4$
Cuffed	$(\text{Age}/4) + 3$. See sizing on microcuff packaging

If using a cuffed tracheal tube **measure the cuff pressure with a manometer** and maintain < 20 cm H₂O

LMA

LMA Size	Patient Size	Max inflation volume
1	Neonate / infant < 5 Kg	4ml
1 1/2	Infant 5 -10 kg	7ml
2	10 – 20 kg	10ml
2 1/2	20 - 30 kg	14ml
3	30 – 50 kg	30ml
4	50 – 70 kg	40ml
5	> 70 kg	40ml

LMA Proseal size	Patient weight	Max inflation volume	Max size og tube
1	Neonate/infant <5kg	4ml	8fr
1.5	Infant 5-10kg	7ml	10fr
2	Child 10-20kg	10ml	10fr
2.5	Child 20-30kg	14ml	14fr
3	Child 30-50kg	30ml	16fr
4	Adult 50-70kg	40ml	16fr
5	Large adult 70-100kg	40ml	18fr