



# Clinical Management Summary

## EDcare : Handbook for Emergency Practice

Available from the Amazon Kindle Bookstore

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## Paediatric Resuscitation

### Vital Signs in Children

Age	Heart Rate	Resp Rate	Systolic Blood Pressure
< 1 year	110 - 160	30 - 40	60 - 70
1 - 4 years	95 - 140	25 - 30	70 + 2 x age in years
5 - 12 years	80 - 120	20 - 25	70 + 2 x age in years
> 12 years	70 - 100	15 - 20	70 + 2 x age in years

### Weight



#### Estimating Weight in Kg

- Child < 12 months = (Age in months + 9) / 2
- Child 1 - 4 years = 2 x Age (years) + 10
- Child 5 - 14 years = 4 x Age (years)

### Airway



LMA #1 < 6.5 kg	LMA #1.5 < 13 kg	LMA #2 < 20 kg
LMA #2.5 < 25 kg	LMA #3 20 – 30 kg	LMA #4 > 30 kg

#### Endotracheal Tube : Newborn

Full term Newborn : 3.0 - 3.5

Preterm Newborn : 2.5 – 3.0

#### Endotracheal Tube : Paediatric

Cuffed ETT = age/4 + 3.5

Depth = 3 x ETT size

### Cardiac Arrest



#### Paediatric Arrest

Defibrillation 4J/kg

IV Adrenaline 0.1 ml/kg of 1:10,000 Adrenaline

IV Amiodarone 5 mg/kg

### Resuscitation



#### Paediatric Resuscitation

Fluid Resuscitation 10 ml/kg (repeated if required)

Hypoglycaemia 2 ml/kg 10% Glucose

Anaphylaxis IM Adrenaline 0.01 ml/kg 1:1000 Adrenaline

Seizures IM Midazolam 0.15 mg/kg

Analgesia Intranasal / IV Fentanyl 1 - 2 ug/kg

### Intubation



#### Rapid Sequence Intubation

IV Propofol : 1.5 - 2.5 mg/kg

IV Ketamine : 1.5 - 2 mg/kg

IV Rocuronium : 1.2 - 1.5 mg/kg

IV Suxamethonium : 2 mg/kg

**Rescue Medication :** IV Atropine 20 mcg/kg

**IM Induction :** IM Ketamine 4 mg/kg + IM Suxamethonium 3 mg/kg