

ESTIMATING TRACHEAL TUBE SIZE AND DEPTH OF INSERTION



Cuffed Endotracheal tubes are recommended for patients of all ages who require endotracheal intubation provided that attention is paid to ET tube size, position, and cuff inflation pressure. **Keep cuff inflation pressure <20 cm H2O or use minimally occlusive volume (MOV).**



Color Coded Resuscitation Tapes or Pediatric References are recommended to be used routinely.

CUFFED

Size (mm internal diameter) for children > 1 year of age =

$$\left(\frac{\text{Age in years}}{4} \right) + 3$$

UNCUFFED

Size (mm internal diameter) for children > 1 year of age =

$$\left(\frac{\text{Age in years}}{4} \right) + 4$$

Depth of Insertion (cm) for children > 2 years of age =

$$\left(\frac{\text{Age in years}}{2} \right) + 12$$

OR

Depth of insertion (cm) for children = tube internal diameter x3