

### ESTIMATED WEIGHT

Age (yrs)	1	3	5	7	9	11	13	15	17
Wt (kg)	10	15	20	25	30	35	45	55	65

### ETT SIZING

Uncuffed tube	$4 + [\text{age}(\text{yr}) / 4]$
Cuffed tube	subtract 0.5, ie $3.5 + [\text{age}(\text{yr}) / 4]$
Premie	gest age (wks) / 10
Full term	3.5 uncuffed
0-1 month	3.5-4.0 uncuffed
> 1 month old	cuffed, use formula

### TUBE, TAPE, TAP

2 X ETT size (uncuffed) = Foley & NG/OG tube size  
3 x ETT size (uncuffed) = depth of ETT, taped at lip  
4 x ETT size (uncuffed) = chest tube size

[pemsources.org](http://pemsources.org)

### ETI APNEIC O2 by N/C

Infant/Toddler	5 L/min
Child	10 L/min
Adol/Adult	15 L/min

### MIN SBP

0-1mo	60
1mo-1yr	70
1yo-9yo	
70 + 2 (age in yrs)	
10yo+	90

### CENTRAL LINE

Age(yr)	IJ/SC	Fem
0-0.5	3F	3F
0.5-2	3F	3-4F
3-6	4F	4-5F
7-12	4-5F	5-8F

### BLADE SIZE

00	Premie < 1.5 kg
0	Newly born
1	Neonate - infant
2	at 2 years old
3	at 3 <sup>rd</sup> grade (~8yo)

### GLIDESCOPE

0	< 1.5 kg
1	1.5-3.6 kg
2	1.8-10 kg
2.5	10-28 kg
3	10 kg - adult
4	40kg - obese

Ped baton

### DEXTROSE (Rule of 50) gives 0.5 gm/kg

Infant	D10W at 5 cc/kg (10x5 = 50)
Child	D25W at 2 cc/kg (25x2 = 50)
Adolesc	D50W at 1 cc/kg (50x1 = 50)

### EZ-IO

Pink	3-39kg
Blue	39 kg+
Yellow	obese

### ETT DEPTH

Uncuffed ETT size x 3 (cm at lip)  
Premie: wt (kg) + 1 (cm at lip)

### LMA

$[\text{Wt}(\text{kg}) / 20] + 1$

### MAINTENANCE IV FLUIDS

0-10 kg: 4 cc/kg/hr  
10-20 kg: above + 2 cc/kg/hr for every kg in 10-20 kg  
20kg+: above + 1 cc/kg/hr for every kg above 20 kg  
D5 ½NS for < 10 kg or D5NS for all (do not use D5 ¼NS)