

Gestational Age (weeks)	24	26	28	30	32	34	36	38	40
Weight (grams)	700	900	1100	1350	1650	2100	2600	3000	3500
Equipment/Supplies									
ETT Size (mm)	2.5	2.5	2.5-3.0	3	3	3.5	3.5	3.5-4.0	3.5-4.0
ETT Depth lip to tip (cm) [<i>Goal is placement at T2 above the carina</i>]	6.5–7 cm	6.5–7 cm	7	7–7.5 cm	7.5 cm	8 cm	8.5 cm	9 cm	9.5 cm
Laryngoscope Blade	00	00	00	0	0	0	0	0-1	0-1
Suction	10F	10F	10F	10F	10F	10F	10F	10F	10F
NG Tube	5F	5F	5F	5F	5F	5F	5F	5F	5F
Chest Needle (Angiocath)	18g	18g	18g	18g	18g	18g	18g	18g	18g
Chest Tube	8F	8F	8F	8F	8F	8-10F	8-10F	10-12F	10-12F
UVC size	3.5F	3.5F	3.5F	3.5F	3.5F	5F	5F	5F	5F
UVC depth (cm) IVC/RA [<i>Goal is placement just above diaphragm</i>]	6.5	6.9	7.2	7.5	8	8.7	9.4	10	10.8
UAC size	3.5F	3.5F	3.5F	3.5F	3.5F	3.5F	3.5F	3.5F	3.5 F
UAC-low line (cm) L3-L4	7.7	7.9	8.1	8.4	8.7	9.1	9.6	10	10.5
UAC high line (cm) T6 -T9 preferred	11.1	11.7	12.3	13	14	15.3	16.8	18	19.5
Vitals									
Heart Rate	120-160	120-160	120-160	120-160	120-160	120-160	120-160	120-160	120-160
Respiratory Rate	30-60/min	30-60/min	30-60/min	30-60/min	30-60/min	30-60/min	30-60/min	30-60/min	30-60/min
Mean BP mmHg [<i>MBP is equivalent to gestational age in weeks</i>]	25-45	25-45	25-45	30-50	30-50	30-50	35-55	40-60	40-60
Medications									
Low Dose Epinephrine 1:10,000 0.1-0.3ml/kg IV/ET/IO May repeat every 3 minutes for asystole.	0.1-0.2ml	0.1-0.3ml	0.1-0.3ml	0.1-0.4ml	0.2-0.5ml	0.2-0.6ml	0.3-0.8ml	0.3-0.9ml	0.4-1ml
High Dose Epinephrine 1:10,000 1ml/kg ET ONLY . May repeat every 3 minutes for asystole.	0.7ml	0.9ml	1.1ml	1.3ml	1.6ml	2.1ml	2.6ml	3ml	3.5ml
Curosurf (poractant alfa 80 mg/ml) 2.5 ml/kg divided into two doses. Give curosurf if patient is 26–29 wks and baby needs ≥ 40% O2 or if < 26 wks.	1.8ml	2.3ml	2.8ml	3.4ml	4.1ml	5.3ml	6.5ml	7.5ml	8.8ml
FOR HYPOGLYCEMIA: Give D10 Bolus 2ml/kg IV, IO and increase D10 maintenance fluid rate (see below) by 1ml/hr for <2kg or 2ml/hr ≥2kg.	1.4ml	1.8ml	2.2ml	2.7ml	3.3ml	4.2ml	5.2ml	6ml	7ml
Ampicillin (Dilute to 100 mg/ml) 100mg/kg IV/IM	70mg (0.7ml)	90mg (0.9ml)	110mg (1.1ml)	135mg (1.35ml)	165mg (1.65ml)	210mg (2.1ml)	260mg (2.6ml)	300mg (3.0ml)	350mg (3.5ml)
Cefotaxime (Dilute to 100mg/ml). ≤29 wks = 50mg/kg IV	35mg (0.35ml)	45mg (0.45ml)	55mg (0.55ml)	68mg (0.68ml)	83mg (0.83ml)	105mg (1.05ml)	130mg (1.3ml)	150mg (1.5ml)	175mg (1.75ml)
Gentamicin (1mg/1ml) ≤29wks=5mg/kg IV; 30-34wks=4.5mg/kg IV; ≥35wks=4mg/kg IV. DO NOT USE IN VILLAGE! PHARMACIST TO CHECK DOSE.	3.5mg (3.5ml)	4.5mg (4.5ml)	5.5mg (5.5ml)	6mg (6ml)	7.5mg (7.5ml)	9.5mg (9.5ml)	10.5mg (10.5ml)	12mg (12ml)	14mg (14ml)
Volume Expanders: NS or albumin – 10 mL/kg IV or IO. Give over 15-30 minutes or faster if unstable	7ml	9ml	11ml	13.5ml	16.5ml	21ml	26ml	30ml	35ml
D10 Maint Fluids <750gm=90-100ml/kg/24hr >750gm=80ml/kg/24hr. (goal blood glucose is 50-110mg/dl)	3ml/hr	3ml/hr	3.7ml/hr	4.5ml/hr	5.5ml/hr	7ml/hr	8.7ml/hr	10ml/hr	12ml/hr
Phenobarb (130mg/ml) 10mg/kg IV, IO, IM, PR May give additional 10mg/kg dose.	7mg (0.05ml)	9mg (0.07ml)	11mg (0.08ml)	13.5mg (0.1ml)	16.5mg (0.13ml)	21mg (0.16ml)	26mg (0.2ml)	30mg (0.23ml)	35mg (0.27ml)
Naloxone/Narcan (0.4mg/ml) 0.1mg/kg IV push. May give IM if good perfusion	0.1mg (0.25ml)	0.1mg (0.25ml)	0.1mg (0.25ml)	0.1mg (0.25ml)	0.2mg (0.5ml)	0.2mg (0.5ml)	0.3mg (0.75ml)	0.3mg (0.75ml)	0.4mg (1ml)