

## NORMAL LABORATORY DATA

### Full Blood Count

	Day 1-7	Day 8 -1 mo	1 - 3 mo	3mo – 1yr	1-6yr	6-12yr	> 12yr (male)	> 12 yr (female)
Hb (g/dl)	14 -22.5	10 -15	9 - 14	11.5 - 15.5	12-15.5	13-15.5	13.5 -17.5	12 - 16
Critically low Hb (g/dl)	10	8	7	7	7	7	5	5

Platelets normal: 150-450 x 10<sup>9</sup>/L

Platelets critically low: 30 x 10<sup>9</sup>/L

# COAGULATION PROFILE

	Day 1-28	Day 28-1 year	1-11 years	>11 years	Critically high
PT (s)	12-23.5	Pls refer to lab report	12.5-17	12.5-16.5	60.1
PTT (s)	35-52	Pls refer to lab report	27.5-45	25-40	100.1

	Day 1	> 3 months	Critically high
INR	0.9-2.7	0.9-1.2	>5

## PAEDIATRIC ANAESTHESIA

	Day 1- 5 months	5 months – 15 years	> 15 years
Bleeding time (min)	0.85-1.65	1.3-8.99	2-8
Critically high	5.01	20.01	20.01

### DIC SCREEN

D-dimer < 0.5mg/ml

Fibrinogen 5.3-14.1 umol/L

Soluble fibrin monomer normally negative

BIOCHEMISTRY

Electrolyte	Day 1-1 month	1 month -1 year	1-2 years	2-12 years	>12 years	Critically high	Critically low
Na (mmol/L)	135-145	135-145	135-145	135-145	135-145	160	120
K(mmol/L)	3.9-5.9	4.1-5.3	3.4-4.7	3.4-4.7	3.5-5.1		
K (mmol/L) Critically high	7	6	6	6	6		
K (mmol/L) Critically low	2.5	2.5	2.5	2.5	2.5		
Cl	101-112	101-112	101-112	101-112	96-108	120	85

BIOCHEMISTRY *(CONTINUE)*

Electrolyte	Day 1-1 month	1 month -1 year	1-2 years	2-12 years	>12 years	Critically high	Critically low
HCO <sub>3</sub>	18-27	18-29	20-30	20-30	22-30		
Mg	0.7-0.95	0.7-0.95	0.7-0.95	0.7-0.95	0.7-0.95	2	0.5
PO <sub>4</sub>	1.48-2.55	1.48-2.55	1.48-2.55	1.16-2.06	0.87-1.45		
Total Ca	2.27-2.79	2.27-2.79	2.15-2.72	2.15-2.72	2.15-2.72	3.3	1.5
Ionic Ca	1.14-1.32	1.14-1.32	1.14-1.32	1.14-1.32	1.14-1.32	1.63	0.75

## RENAL FUNCTION

	Day 0-12 years	> 12 years
Urea mmol/l	1.4-7.7	1.4-7.7
Creatinine umol/l	27-80	44-141

## OSMOLALITY

	normal	Critically high	Critically low
Serum osmolality (mOsm/kg)	275-305	350	200
Urine osmolality (mOsm/kg)	50-1200		

# PAEDIATRIC ANAESTHESIA

## OTHERS

	Day 1-30	1 month- 1 year	> 1 year
Plasma ammonia (umol/L)	23-83	14-50	9-33
Amylase(U/L)	39-167	39-167	39-167
Lactate plasma (mmol/L)	0.7-2.1	0.7-2.1	0.7-2.1

	Day 1-13 years	> 13 years
CRP (mg/L)	0-9.9	0-9

	Day 1	Day 2	Day 3- 12 years	> 12 years (male)	> 12 years (female)
ESR (mm/1 <sup>st</sup> hour)	2	4	10	15	20