

DRUG DOSES - HOSPITAL

See also Anaesthetics - Drug Doses p.27, Neonates - Drug Doses p.244.

1. **WEIGH EACH CHILD ACCURATELY, OTHERWISE YOU CANNOT USE THE TABLE**
 - a. **ZERO THE SCALE FIRST**
 - b. **WRITE THE WEIGHT IN THE SCALE BOOK (AND HISTORY, IF ADMITTED)**
 - c. **PLOT THE WEIGHT ON THE ROAD TO HEALTH CHART - TREAT IF UNDERWEIGHT**
2. **CHECK THAT THE DRUG THAT YOU ARE GOING TO USE IS THE SAME TYPE AND STRENGTH AS THE ONE LISTED ON THE TABLE. ALSO CHECK THE CONCENTRATION AND VOLUMES AFTER ADDITION OF WATER FOR INJECTION.**
3. **FOR ACCURATE MG/KG DOSES, REFER TO "DRUG DOSES" BY FRANK SHANN (AVAILABLE FROM PAEDIATRIC SOCIETY OF PNG).**

*DENOTES CATEGORY C (SPECIALIST ONLY) DRUG, () DENOTES DRUG IS DILUTED

Drug Doses - Hospital	Weight (kg):	3-5.9	6-9.9	10-14.9	15-19.9	20-29.9	30-39.9	40-49.9	Adult
ADRENALINE. Amp 1/1000 in 1 ml, 0.01 ml/kg SC	ml	-	-	-	0.2	0.25	0.3	0.4	0.5
ALBENDAZOLE. Tab 200 mg (must be crushed or chewed)	tab	1	2	2	2	2	2	2	2
ALDOMET - see METHYLDOPA									
AMINOPHYLLINE (toxicity: tachycardia, vomiting, headache)									
• Amp 250 mg/10 ml, ¼ ml/kg (maximum 10 ml) IV over 1 hour (put in burette) every 6 hours	ml	-	1.5	2	3	4	6	8	10
• Elixir 25 mg/5 ml. 6 hourly maintenance dose. Start with 5 mg/kg, increase to 7.5 mg/kg if poor control and no toxicity	ml	-	6	10	15	-	-	-	-
• Tab 100 mg. 6 hourly maintenance dose. Start with low dose, increase if poor control and no toxicity	tab	-	¼	½	¾	1	1	1	1
AMODIAQUINE (INFANT CAMOQUIN). Tab 100 mg									
• Treatment: 10 mg/kg daily for 3 days oral	tab	½	1	1½	1½	Use chloroquine			
• Prophylaxis: 5 mg/kg weekly oral	tab	¼	½	1	1	Use chloroquine			
AMOXYCILLIN 25-50 mg/kg/dose									
• Vial 250 mg (add 2 ml sterile water) IM or IV 6 hourly.....	ml	2	3	4	5	6	7	8	8
• Cap/tab 250 mg TID oral	tab	½	½	¾	1	1½	2	2	2
• Susp 125 mg/5 ml TID oral	ml	2.5	5	7.5	10	-	-	-	-

Drug Doses - Hospital	Weight (kg):	3-5.9	6-9.9	10-14.9	15-19.9	20-29.9	30-39.9	40-49.9	Adult
AMPICILLIN 25-50 mg/kg 6 hourly									
➤ Vial 250 mg (add 1 ml sterile water), or 500 mg (add 2 ml sterile water)									
• meningitis, osteomyelitis, septicaemia (give oral probenecid as well): 50 mg/kg 6 hourly	ml	1	2	3	3	4	4	4	4
• pneumonia and other infections: 25-50 mg/kg 6 hourly IM or IV.....	ml	1	1.5	2	2	2	2	2	2
➤ *Syrup 125 mg/5 ml, 1 ml/kg 6 hourly oral	ml	4	8	12	-	-	-	-	-
➤ *Cap 250 mg, 6 hourly oral	cap	-	-	1	1	2	2	2	2
ARTEMETHER		See Treatment for Severe Malaria (B1), p.198							
ARTESUNATE		See Treatment for Severe Malaria (B1), p.198 See Treatment for Treatment Failure Malaria (C1), p.199							
ASPIRIN									
• Tab 300 mg, antipyretic	tab	-	-	-	-	-	1½	2	2
• For arthritis and rheumatic fever ONLY, 30 mg/kg 6 hourly oral	tab	-	½	1	1½	1½	2½	3	4
ATROPINE. Amp 0.6 mg/ml									
• Add 3 ml sterile water	ml	(0.1 ml/kg)		-	-	-	-	-	-
• Undiluted 0.02 mg/kg	ml			0.25	0.25	0.5	0.75	0.75	1
BACTRIM - see COTRIMOXAZOLE									
BENADRYL - see DIPHENHYDRAMINE									
CAMOQUIN - see AMODIAQUINE									
CAPTOPRIL. Tab 25 mg 0.1-1 mg/kg/dose TID	tab	-	-	¼	¼	½	½	1	1
*CARBAMAZEPINE (TEGRETOL). Tab 200 mg oral. 10 mg/kg BD	tab	-	¼	½	1	1	1½	2	2
CEFOTAXIME. 50 mg/kg IV or IM 6 hourly	ml	Dilute as per manufacturer's instructions							
CEFTAZIDINE. 50 mg/kg IV or IM 6 hourly	ml								
CEFTRIAZONE. 50 mg/kg IV or IM 12 hourly	ml								
CHLORAL HYDRATE 150 mg/5 ml, 25-50 mg/kg/dose	ml	5	10	15	20	20	20	20	20
CHLORAMPHENICOL. 25 mg/kg (maximum 500 mg in children) 6 hourly:									
• Vial 1g (add 4 ml sterile water) IM or IV 6 hourly	ml	0.5	6-7kg: 0.75 8-9kg: 1	1.5	2	2.5	3	3	4
• Susp 125 mg/5 ml, 6 hourly oral	ml	1 ml/kg	1 ml/kg	1 ml/kg	1 ml/kg	-	-	-	-
• Cap 250 mg, 6 hourly oral	cap	-	-	1	1	2	2	3	4

Drug Doses - Hospital	Weight (kg):	3-5.9	6-9.9	10-14.9	15-19.9	20-29.9	30-39.9	40-49.9	Adult
CHLOROQUINE (NIVAQUINE)									
➤ Treatment									
• tab 150 mg base, 10 mg/kg oral daily for 3 days	tab	¼	½	1	1	1½	2	3	3-4
➤ Prophylaxis									
• tab 150 mg base, 5 mg/kg oral weekly	tab	¼	¼	½	½	1	1	2	2
CHLORPROMAZINE (LARGACTIL). Half dose if dehydrated									
➤ Amp 50 mg/2 ml, IM BD									
• sedation, vomiting: 1 mg/kg	ml	-	0.25	0.5	0.5	0.75	1	1.5	2
• tetanus: 5 mg/kg (0.2 ml/kg)	ml	0.75	1.5	2	3	4	6	7	8
➤ Tab 25 mg, oral BD									
• sedation, vomiting: 1 mg/kg	tab	-	¼	½	½	1	1	1½	2
• tetanus: 5 mg/kg	tab	1	1½	2	3	4	6	7	8
CIMETIDINE.									
• Amp 100 mg/ml, IV 10 mg/kg 6 hourly	ml	0.5	0.75	1	1.5	2	2	2	2
• Tab 200 mg, oral 6-8 mg/kg 6 hourly	tab	¼	¼	½	½	1	1	1½	2
*CLOFAZIMINE (LAMPRENE). Tab 100 mg daily	tab	See p.186		1	1	1	1	1	1
*CLOXACILLIN. 25-50 mg/kg 6 hourly. Give oral probenecid as well.									
• Vial 250 mg (add 1 ml sterile water), IV (in burette) or IM 6 hrly	ml	0.5	1	1.5	2	3	4	4	4
• Cap 250 mg, 6 hourly oral	cap	-	-	1	1	1	1	2	2
COTRIMOXAZOLE (SEPTRIN, BACTRIM). (Trimethoprim 80 mg + sulphamethoxazole 400 mg). High dose for chronic pneumonia is trimethoprim 5 mg/kg QID (see p.314).									
• Normal dose (trimethoprim 4 mg/kg BD), BD oral	tab	¼	½	½	1	1½	2	2	2
• Susp 40 mg/200/5 mg	ml	2.5	5	7.5	10	-	-	-	-
DAPSONE (DDS - see also MALOPRIM). Tab 50 mg									
➤ Daily for 12 weeks	tab	½	½	½	½	1	1½	1½	2
➤ Then, either:									
• twice a week (supervised)	tab	1½	1½	1½	1½	3	5	5	6
• or daily at home	tab	½	½	½	½	1	1½	1½	2
*DEXAMETHASONE (DECADRON). Amp 4 mg/ml									
For cerebral oedema, IV, 6 hourly	ml	0.25	0.25	0.5	0.5	1	1	1.5	2
DIAZEPAM (VALIUM) 10 mg/2 ml, 0.2 mg/kg (0.04 ml/kg)									
• Slow IV	ml	0.25	0.5	0.5	0.75	1	2	2	2
• Rectal	ml	0.25	0.5	1	1.5	2	2	2	2

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DIETHYLCARBAMAZINE (HETRAZAN). Tab 50 mg									
• Filariasis: 2 mg/kg TID for 3 weeks	tab	¼	¼	½	½	1	1½	2	2
• Tropical pulmonary eosinophilia: 4 mg/kg TID for 5 days	tab	¼	½	1	1½	2	3	4	4
DIGOXIN (LANOXIN) 6 hourly for 3 doses:									
• Elixir 50 microgram/ml oral	ml	2	3	5	-	-	-	-	-
• Tab 0.25 mg oral	tab	-	-	-	1	1	1	1	1
Then maintenance if needed daily:									
• Elixir 50 microgram/ml oral	ml	1	1.5	2.5	3	-	-	-	-
• Tab 0.25 mg oral	tab	-	-	-	-	1	1	1	1
DILANTIN - see PHENYTOIN									
DIPHENHYDRAMINE (BENADRYL). Elixir 10 mg/5 ml, 8 hourly oral	ml	2	4	6	8	10	Use promethazine		
DOPAMINE		See Septic Shock, p.346							
ENALOPRIL 0.2-1 mg/kg daily. Tab 10 mg	tab	-	-	¼	¼	½	½	1	1
*ERYTHROMYCIN, 6-12.5 mg/kg 6 hourly									
• Susp 125 mg/5 ml, 6 hourly oral (0.5 ml/kg)	ml	2	3	5	7.5	10	-	-	-
• Tab/Cap 250 mg, 6 hourly oral	tab	-	-	-	1	1	1	2	2
ETHAMBUTOL. Tab 400 mg, 15 mg/kg daily oral	tab	-	-	-	1	1	1½	1½	2
*FANSIDAR (Pyrimethamine 25 mg + sulfadoxine 500 mg). Tab, single dose	tab	-	½	1	1	1½	2	2	3
FERRIC MIXTURE, FERROUS TABS - see IRON									
FLAGYL - see METRONIDAZOLE									
FOLIC ACID. Tab 5 mg									
• Malnutrition, daily oral	tab	1	1	1	1	1	1	1	1
• Anaemia, weekly oral	tab	1	1	1	1	1	1	1	1
FRUSEMIDE (LASIX). Amp 20 mg/2 ml, 1-2 mg/kg IM or IV	ml	0.5	0.75	1	1.5	2	2	2	2
FURADANTIN - see NITROFURANTOIN									
*GENTAMICIN. 5-7.5 mg/kg IM or IV daily	ml	5-7.5 mg/kg daily dose							
HETRAZAN - see DIETHYLCARBAMAZINE									
HYDROCHLOROTHIAZIDE (ESIDREX). Tab 50 mg									
• Oedema: 1-2 mg/kg daily oral	tab	-	-	¼	¼	½	½	¾	1
• Hypertension: 0.5-1 mg/kg daily oral	tab	-	-	¼	¼	¼	¼	½	½
HYDROCORTISONE (SOLU-CORTEF). Amp 100 mg/2 ml, 4 mg/kg IV 4 or 6 hourly	ml	0.5	1	1	1.5	2	2	3	4