

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
IMFERON - see IRON									
IPECACUANA SYRUP, give once, oral	ml	-	15	15	15	15	15	15	15
IRON									
• Amp 2 ml or 5 ml (Imferon). Do not give more than 5 ml IM per day. Total dose, IM	ml	3	5	7	10	15	20	20	20
• Tab (Ferrous sulphate or Fefol) 200 mg oral	tab	-	¼ daily	½ daily	½ daily	1 daily	1 BD	1 BD	1 BD
• (If iron suspension - Sulphate Fumarate or Gluconate - is available, the dose is based on 6 mg/kg of elemental iron.)									
ISONIAZID (INAH)									
• Tab 100 mg, 10-20 mg/kg daily for 2 months	tab	½	1	1½	2	3	3	3	3
• THEN 15-20 mg/kg twice a week, oral	tab	1	1½	2½	3	4½	6	7½	9
ISOPRENALINE		See Septic Shock, p.346							
KETAMINE (KETALAR) 500 mg/10 ml									
• IV 2 mg/kg (0.04 ml/kg) SLOWLY	ml	0.04 ml/kg		0.5	0.75	1	1.5	2	3
• IM: first dose 10 mg/kg (0.2 ml/kg)	ml	0.75	1.5	2.5	3.5	5	7.5	7.5	10
further doses 5 mg/kg (0.1 ml/kg)	ml	0.5	0.75	1.5	2	2.5	4	4	5
LAMPRENE - see CLOFAZIMINE									
LANOXIN - see DIGOXIN									
LARGACTIL - see CHLORPROMAZINE									
LASIX - see FRUSEMIDE									
LYTIC COCKTAIL. Pethidine 50 mg (1 ml) + promethazine 25 mg (1 ml) + sterile water 8 ml. MAXIMUM dose 0.3 ml/kg IV	ml	0.3 ml/kg			5	7	10	10	10
MAGNESIUM HYDROXIDE MIXTURE (MILK OF MAGNESIA), daily	ml	-	2	5	10	10	15	15	20
MALOPRIM (pyrimethamine 12.5 mg + dapsone 100 mg). Tab, weekly oral	tab	-	-	-	-	½	1	1	1
MANNITOL 20%. 1.25-2.5 ml/kg (0.25-0.5 g/kg) IV over 30 minutes. May be repeated every 6 hours	ml	10	20	30	40	60	80	110	125
MEBENDAZOLE. Tab 100 mg BD for 3 days	tab	½	½	1	1	1	1	1	1
METHYLDOPA (ALDOMET). Tab 250 mg, 5-10 mg/kg	tab	-	¼	¼	½	½	1	1½	2
METRONIDAZOLE (FLAGYL)									
• Tab 200 mg or 250 mg, 15-20 mg/kg TID for 5 days, oral	tab	½	1	1½	2	2	3	3	4
• Suppos 500 mg (for half dose, split lengthways), TID into rectum	suppos	½	½	1	1	2	2	2	2
MOGADON - see NITRAZEPAM									

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MORPHINE. Amp 10 mg/ml (NOT 15 mg/ml), 0.2 mg/kg IM 6 hourly	ml	-	-	0.25	0.5	0.5	0.75	1	1.5
NITRAZEPAM (MOGADON). Tab 5 mg. For epilepsy 0.2-0.4 mg/kg. Start daily, slowly increase to TID oral	tab	¼	½	½	1	1	1	1	1
*NITROFURANTOIN (FURADANTIN) 1-2 mg/kg 6 hourly									
• Susp 25 mg/5 ml, 6 hourly oral	ml	1.5	3	5	7	10	-	-	-
• Tab 100 mg, 6 hourly oral	tab	-	-	-	-	½	¾	1	1
NIVAQUINE - see CHLOROQUINE									
NYSTATIN. Susp 100,000 u/ml, 6 hourly oral	ml	1	1	1	1	1	1	1	1
OMNOPON and SCOPOLAMINE - see PAPAVERETUM and HYOSCINE									
(OXY)TETRACYCLINE. Do not give tetracycline to children weighing less than 20 mg (except for cholera). Cap 250 mg oxytetracycline, 5-10 mg/kg QID oral	cap	-	-	-	-	1	1	1-2	2
PAPAVERETUM 20 mg and HYOSCINE 0.4 mg (OMNOPON and SCOPOLAMINE). Amp 1 ml, 0.02 ml/kg IM	ml	-	-	0.25	0.5	0.5	0.75	1	1
PARACETAMOL. Susp 10-15 mg/kg/dose 6 hourly	ml	-	2.5	5	5	7.5	10	-	-
PARALDEHYDE. Amp 5 ml, 0.2 ml/kg IM with glass syringe or NG	ml	1	1.5	2.5	3	4	5	7.5	10
PENICILLIN									
➤ Benzathine. Vial 2,400,000 u (add 5 ml sterile water). Yaws. IM stat	ml	1	1	2	2	3	4	5	5
➤ Benzyl (Crystalline). Vial 1,000,000 u (add 2 ml sterile water):									
• septicaemia, osteomyelitis, very severe pneumonia: IV or IM 3 hourly	ml	1	1	2	2	3	4	4	4
• pneumonia and other infections: IM or IV 6 hourly	ml	0.5	0.5	1	1	1.5	2	2	2
➤ Phenoxyethyl (Pen V):									
• rheumatic fever prophylaxis: tab 250 mg oral, daily or BD	tab	-	-	-	1	1	1	1	1
➤ Procaine, aqueous. Vial 3,000,000 u (add 10 ml sterile water), IM daily	ml	1	1.5	2	2	3	3	3	4
PETHIDINE. Amp 50 mg/ml or 100 mg/2 ml									
• Usual dose: 1 mg/kg IM 6 hourly	ml	-	-	0.25	0.5	0.5	0.75	1	1
• For tetanus or for very severe pain: 2 mg/kg IV or IM	ml	-	0.25	0.5	0.75	1	1.5	2	2
PHENERGAN - see PROMETHAZINE									

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PHENOBARBITONE									
➤ Stat: 15-20 mg/kg as:									
• amp 200 mg/ml IM	ml	0.25	0.5	0.75	1	1	1	1	1.5
• or tab 30 mg oral	tab	2	3	5	6	7	7	7	8
➤ Then: 5 mg/kg daily as:									
• tab 30 mg daily oral	tab	½	1	2	3	4	5	5	6
• or amp 200 mg/ml IM daily									
○ add 3 ml sterile water	ml	(0.5)	(0.75)	-	-	-	-	-	-
○ undiluted	ml	-	-	0.25	0.5	0.5	1	1	1
PHENYTOIN (DILANTIN). Toxicity: ataxia, nystagmus, drowsiness									
• Vial 250 mg/5 ml SLOW IV - Stat 15 mg/kg (max 250 mg)	ml	1	2	3	4	5	5	5	5
- Then 4 mg/kg BD	ml	0.25	0.5	1	1.25	1.75	2.75	3.5	4
• Susp 30 mg/5 ml, 5-8 mg/kg daily oral	ml	2.5	5	8	11	-	-	-	-
• Tab 30 mg, 4 mg/kg daily oral, NOT 100 mg tab/cap	tab/cap	1	2	2	3	4	5	6	8
• Tab 100 mg, 4 mg/kg oral	tab	-	-	½	¾	1	1½	2	2-3
POTASSIUM CHLORIDE SLOW RELEASE Tab 600 mg. 40-80 mg/kg BD (½-1 mmol/kg BD), oral									
	tab	½	½	1	1	1	2	2 BD	2 TID
PRIMAQUINE. Tab 7.5 mg-0.4 mg/kg daily for 14 days (eradication course)									
	tab	¼	¼	½	½	1	1½	2	2
PROBENECID. Tab 500 mg, oral									
• 20 mg/kg BD	tab	¼	-	-	-	-	-	-	-
• 10 mg/kg QID	tab	-	¼	¼	½	½	¾	1	1
PROMETHAZINE (PHENERGAN)-									
• Amp 50 mg/2 ml, 0.5 mg/kg IM or slow IV	ml	-	0.25	0.5	0.75	1	1.5	2	2
• Tab 25 mg, 0.5 mg/kg BD or TID oral	tab	Use diphenhydramine					1	1	1
PYRAZINAMIDE. Tab 500 mg, 20-30 mg/kg/day oral									
	tab	¼	½	¾	1	1½	2	2	3
QUININE									
• Amp 120 mg/2 ml or 600 mg/10 ml. Give 10-15 mg/kg 12 hourly IM, or IV in 10 ml/kg of dextrose saline via burette over 4 hours	ml	3kg: 0.5 4-5kg: 1	1½	2	3	20-24kg: 4 25-29kg: 5	6	8	10
• Tab 300 mg, 10 mg/kg TID for 3-5 days	tab	¼	¼	½	½	1	1½	1½	2

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*RIFAMPICIN. Cap 150 mg, susp 100 mg/5 ml (10 mg/kg daily (before breakfast)									
• Susp	ml	2.5	5	7.5	10	-	-	-	-
• Cap	cap	-	-	-	-	2	3	3	4
*SALBUTAMOL (VENTOLIN)-									
• Tab 4 mg, 4 times a day oral	tab	-	¼	¼	½	½	1	1	1
• Respirator solution through nebuliser 0.5 ml + 1.5 ml normal saline	ml	Give 1-3 hourly (see Asthma, p.41)							
SEPTRIN - see COTRIMOXAZOLE									
STREPTOMYCIN. Vial 1 g (add 1½ ml sterile water). For children <7 years old with sputum positive for TB. IM daily for 2 months	ml	0.25	6-10.9kg: 0.5	11-15.9kg: 0.75	16-20.9kg: 1	21-30.9kg: 1	-	-	-
SULFADOXINE - see FANSIDAR									
SULPHADIMIDINE. Tab 500 mg (0.5 g), 25-50 mg/kg QID oral	tab	¼	½	1	1	1½	2	2	2
SULPHAMETHOXAZOLE - see COTRIMOXAZOLE									
TETRACYCLINE - see OXYTETRACYCLINE									
*THIABENDAZOLE (MINTEZOL). Tab 500 mg, 25 mg/kg BD for 3 days, oral	tab	¼	½	½	1	1	1½	2	3
TINIDAZOLE. Tab 500 mg. Stat dose for persistent diarrhoea, daily for 3 days for dysentery	tab	¼	½	1	1 ½	2	3	4	4
TRIMEPRAZINE (VALERGAN). Syrup. 30 mg/5 ml. Premedication, 2-4 mg/kg oral	ml	2	4	6	8	10	-	-	-
TRIMETHOPRIM CO - see COTRIMOXAZOLE									
TRIPLOPEN - see PENICILLIN									
VALERGAN - see TRIMEPRAZINE									
VALPROATE. 250 mg tab, 5-25 mg/kg BD	tab	¼	¼	½	½	1	1	1½	2
VALIUM - see DIAZEPAM									
VENTOLIN - see SALBUTAMOL									

IV AND ORAL FLUIDS

IV fluid requirements	Weight (kg):	3-5.9	6-9.9	10-14.9	15-19.9	20-29.9	30-39.9	40-49.9	Adult
NORMAL MAINTENANCE 4.3% dextrose in 0.18% normal saline	ml/hr drops/min	20 5	25 7	50 13	75 20	75 20	75 20	100 25	100 25
HEART FAILURE, COMA Do not give oral fluid as well 4.3% dextrose in 0.18% normal saline	ml/hr drops/min	10 3	15 4	20 5	25 7	25 7	50 13	50 13	50 13
DIARRHOEA (½ strength Darrows) quickly if dehydrated THEN	ml ml/hr drops/min	100 25 7	150 50 13	250 75 20	350 100 25	500 100 25	700 150 40	900 150 40	1000 150 40
BURNS (0.9% sodium chloride) quickly if more than 10% burn THEN	ml ml/hr drops/min	100 25 7	150 50 13	250 75 20	350 100 25	500 100 25	700 150 40	900 150 40	1000 150 40
Note drops/min using standard burette. If using a paediatric burette, drops/min = ml/hr.									

Oral fluid requirements	Weight (kg):	3-5.9	6-9.9	10-14.9	15-19.9	20-29.9	30-39.9	40-49.9	Adult
MAINTENANCE Give every 3 hours (6 times a day) oral or NG tube	ml	120	240	300	350	400	450	450	500
DIARRHOEA WITH DEHYDRATION: ORS, oral or NG tube FAST, THEN every hour for 4 hours	ml ml	100 50	150 100	250 150	350 200	500 300	500 400	500 500	500 600
MENINGITIS, HEART FAILURE, COMA If patient not drinking and unable to insert IV, give NG fluid 4 times a day, oral	ml	100	150	200	250	300	350	350	350