

EML 14 CORE

ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US	US		
<b>1. ANAESTHETICS</b>													
<b>1.1 General anaesthetics and oxygen</b>													
halothane	inhalation	YES	YES	YES		250mL for inhalation in oxygen or nitrous oxide-oxygen			YES	For induction of anaesthesia in children >12yo; for maintenance of anaesthesia in children >1 month			
ketamine	injection, 50mg (as hydrochloride)/ml in 10-ml vial	YES	YES	YES		10mg/ml in 20mL vial, 50mg/ml in 10mL vial; 100mg/ml in 10mL vial		YES	Induction and maintenance of anaesthesia	YES	Induction and maintenance of anaesthesia		
nitrous oxide	inhalation	YES	YES	YES		As mixture with 25-50% oxygen				YES			
oxygen	inhalation (medicinal gas)	YES	YES	YES	YES					YES			
thiopental	powder for injection, 0.5g, 1.0g (sodium salt ) in ampoule	YES	YES	YES		500mg vial powder for reconstitution		YES	Induction of anaesthesia	YES	Via injection only (not infusion)		
<b>1.2 Local anaesthetics</b>													
bupivacaine	injection, 0.25%, 0.5% (hydrochloride) in vial; injection for spinal anaesthesia, 0.5% (hydrochloride) in 4-ml ampoule to be mixed with 7.5% glucose solution	YES	YES	YES	0.25%, 0.375% in 20mL vial; 0.5% in 4mL, 10mL, 20mL vial	0.25% & 0.5% in 10mL vial; 0.5% with 80mg/ml glucose in 4mL ampoule for spinal anaesthesia		YES	Local and regional anaesthesia	YES			
lidocaine	injection, 1%, 2% (hydrochloride) in vial; for spinal anaesthesia, 0.5% (hydrochloride) in 4-ml ampoule to be mixed with 7.5% glucose solution; injection for spinal anaesthesia, 5% (hydrochloride) in 2-ml ampoule to be mixed with 7.5% glucose solution; topical forms, 2-4% (hydrochloride)	YES	YES	YES		1% & 2% in 2mL, 5mL, 10mL, 20mL ampoules; 2.5% cream preparation		YES	Local nerve block, surface anaesthesia	YES	Cream not for children <1yo		
lidocaine + epinephrine (adrenaline)	injection, 1%, 2% (hydrochloride) + epinephrine 1:200 000 in vial; dental cartridge, 2% (hydrochloride) + epinephrine 1:80 000	YES	YES	YES	0.5%, 1%, 1.5% & 2% with 1:200 000 epinephrine in 20mL vials; 1% with 1:100 000 epinephrine in 5mL; 2% with 1:80 000 in 2.2mL or 5mL	1% & 2% with 1:200 000 epinephrine in 20mL vials		YES	Local nerve block	YES			
<b>1.3 Preoperative medication and sedation for short-term procedures</b>													
atropine	injection, 1mg (sulfate) in 1-ml ampoule	YES	YES	YES	0.4mg/ml, 0.5mg/ml, 0.6mg/ml 1.2mg/ml in 1mL	600microg/ml in 1mL ampoule; 100microg/ml in 5mL, 10mL, 30mL prefilled syringe; 200microg/ml in 5mL prefilled syringe; 300microg/ml in 10mL prefilled syringe		YES		YES			
diazepam	tablet, 5mg	YES	NO	YES	Solution 10mg/ml		Solution 1mg/ml, 5mg/ml	YES	Muscle spasm, spasticity, anxiety		peri operative, seizures, muscle spasms	YES	Anxiety, anticonvulsant, muscle relaxant
diazepam	injection, 5mg/ml in 2-ml ampoule	YES	YES	YES	5mg/ml in 2mL ampoule	5mg/ml in 2mL ampoule		YES	Premedication, anxiety	YES	Premedication and sedation for procedures	YES	
morphine	injection, 10mg (sulfate or hydrochloride) in 1-ml ampoule	YES	YES	YES	5mg/ml, 10mg/ml, 15mg/ml, 30mg/ml in 1mL; 80mg/ml in 1.5mL or 5mL; 10mg/ml in 5mL	10, 15, 20, 30mg/ml in 1mL and 2mL ampoule; 10mg/ml in 1mL prefilled syringe				YES			
promethazine	elixir or syrup, 5mg (hydrochloride)/5ml	YES	YES										
<b>2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs), MEDICINES USED TO TREAT GOUT AND DISEASE MODIFYING AGENTS IN RHEUMATOID DISORDERS (DMARDs)</b>													
<b>2.1 Non-opioids and Non-steroidal anti-inflammatory medicines (NSAIDs)</b>													
acetylsalicylic acid	tablet, 100-500mg; suppository, 50-150mg	NO											No indications for aspirin suppository in children - oral form appropriate for limited indications

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ibuprofen	tablet, 200mg, 400mg	YES	NO	YES	100mg/5ml	100mg/5ml	2	YES	pain, fever	YES	Pain, fever, PDA	YES	pain and fever	for analgesia only	
paracetamol	tablet, 100-500mg; syrup 125mg/5ml	YES	YES												
paracetamol	suppository 100mg	YES	YES	YES	125mg or 250mg	60mg, 125mg, 250mg, 500mg	80mg, 120mg, 325mg	YES		YES					
<b>2.2 Opioid analgesics</b>															
codeine	tablet, 30mg (phosphate)	YES	NO	YES	5mg/5ml combined with paracetamol	5 mg/ml	15mg/5mL	YES	pain, cough suppressant	YES	pain, cough suppressant	YES	pain, cough suppressant		
morphine	oral solution, 10mg (hydrochloride or sulfate)/5ml; tablet, 10mg (sulfate)	YES	YES												
morphine	injection, 10mg (hydrochloride or sulfate)/5ml; injection, 10mg in 1-ml ampoule (hydrochloride or sulfate)	YES	YES	YES	5mg/ml, 10mg/ml, 15mg/ml, 30mg/ml in 1mL; 80mg/ml in 1.5mL or 5mL; 10mg/ml in 5mL	10, 15, 20, 30 mg/ml in 1mL or 2mL ampoules		YES	Acute and chronic pain	YES	Acute and chronic pain				
<b>2.3 Medicines used to treat gout</b>															
allopurinol	tablet, 100mg	NO													
<b>2.4 Disease modifying agents used in rheumatoid disorders (DMARDs)</b>															
chloroquine	tablet, 100mg, 150mg (as phosphate or sulfate)	YES	NO	YES	NO	50mg/ml as base		YES	Malaria treatment and prophylaxis; amoebic hepatitis; LE, rheumatoid diseases.	YES	Malaria	NO			
<b>3. ANTIALLERGENS AND MEDICINES USED IN ANAPHYLAXIS</b>															
□chlorphenamine	tablet, 4mg (hydrogen maleate)	YES	NO	YES		2mg/5ml		NO		YES	Allergy	NO			
□chlorphenamine	injection, 10mg (hydrogen maleate) in 1-ml ampoule	YES	YES	YES		10mg/mL, 1mL ampoule		NO		YES	Allergy, Emergency treatment of anaphylaxis (not in neonates)	NO			
dexamethasone	injection, 4mg dexamethasone phosphate (as disodium salt) in 1-ml ampoule	YES	YES	YES	4mg/ml in 1mL or 2mL ampoules; 5mg/ml in 1mL; 24mg/ml in 5mL	4mg/ml, 1mL or 2mL ampoules		YES		YES	Allergic disorders				
epinephrine (adrenaline)	injection, 1mg (as hydrochloride or hydrogen tartrate) in 1-ml ampoule	YES	YES	YES	1mg/ml in 1mL (=1:1 000); 0.1mg/ml in 10mL (=1:10 000)	1mg/ml, 1 in 1000		YES	Anaphylaxis	YES	Emergency treatment of acute anaphylaxis				
hydrocortisone	powder for injection, 100mg (as sodium succinate) in vial	YES	YES	YES	100mg in 1mL or 2mL; 250mg in 2mL; 500mg in 4mL	100mg/ml, 1mL or 5mL ampoules		YES	Anti-inflammatory	YES	Hypersensitivity reactions, such as anaphylaxis				
□prednisolone	tablet, 5mg, 25mg	YES	NO	YES	5mg/mL	5mg Sol tab	5mg/5mL, 15mg/5mL	YES	Steroid responsive conditions	YES	Steroid responsive conditions	YES	steroid responsive conditions		
<b>4. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING</b>															
<b>4.1 Non-specific</b>															
charcoal, activated	powder	YES	YES												
<b>4.2 Specific</b>															
acetylcysteine	injection, 200mg/ml in 10-ml ampoule	YES	YES	YES	200mg/ml in 10mL ampoule	200mg/ml in 10mL ampoule		YES	Paracetamol overdose	YES	Paracetamol overdose				
atropine	injection, 1mg (sulfate) in 1-ml ampoule	YES	YES	YES	0.4mg/ml, 0.5mg/ml, 0.6mg/ml 1.2mg/ml in 1mL	100microg/mL, 5mL, 10mL, 30mL ampoules		YES	Treatment of organophosphate poisoning	YES					

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calcium gluconate	injection, 100mg/ml in 10-ml ampoule	YES	YES	YES	100mg/ml in 10mL ampoule	10%/ml (8.9mg calcium) in 10mL ampoule		YES	Treatment of hypocalcaemia	YES	Treatment of acute hypocalcaemia			
deferoxamine	powder for injection, 500mg (mesilate) in vial	YES	YES	YES	500mg or 2000mg per vial	500mg per vial		YES	Treatment of iron overload, iron poisoning	YES	Iron poisoning			
dimercaprol	injection in oil, 50mg/ml in 2-ml ampoule	YES	YES	YES		50mg/ml in 2 mL ampoule				YES	Antimony, arsenic, bismuth, gold, mercury, lead poisoning			
DL-methionine	tablet, 250mg	YES	NO	NO				NO		YES	Paracetamol Overdose	NO		N-acetylcystein is treatment of choice for paracetamol OD
methylthioninium chloride (methylene blue)	injection, 10mg/ml in 10-ml ampoule	YES	YES	YES	10mg/ml in 5mL ampoule			YES	Treatment of methaemoglobinaemia					Not scheduled in Australia but available for use in children and adults.
naloxone	injection, 400micrograms (hydrochloride) in 1-ml ampoule	YES	YES	YES	0.4mg/ml, 1mL, 2mL or 5mL ampoule; 0.02mg/ml in 2mL ampoule	400microg/ml, 1mL or 2mL ampoule		YES	Opioid overdose	YES	Opioid overdose			
penicillamine	capsule or tablet, 250mg	YES	NO	NO				NO		YES	Lead poisoning	NO		
potassium ferric hexacyanoferrate (II) 2H2O (Prussian blue)	powder for oral administration	YES	YES											
sodium calcium edetate	injection, 200mg/ml in 5-ml ampoule	YES	YES	YES	200mg/ml in 5mL ampoule	200mg/ml in 5mL		YES	Lead Poisoning	YES	Heavy metal poisoning			
sodium nitrite	injection, 30mg/ml in 10-ml ampoule	YES	YES	YES		30mg/ml in 10mL ampoule				YES	Cyanide poisoning (with sodium thiosulfate)			
sodium thiosulfate	injection, 250mg/ml in 50-ml ampoule	YES	YES	YES		500mg/ml in 25mL ampoule				YES	Cyanide poisoning (with sodium nitrite)			UK formulation 50% solution, rather than 25% currently listed. Increased volume requirement unlikely to be problematic
<b>5. ANTICONVULSANTS/ANTIEPILEPTICS</b>														
carbamazepine	scored tablet, 100mg, 200mg	YES	NO	YES	20mg/mL	20mg/mL	20mg/mL	YES	Partial and generalised epilepsy	YES	generalised tonic-clonic, partial seizures.	YES	> 6YO Epilepsy	
diazepam	injection, 5mg/ml in 2-ml ampoule (intravenous or rectal)	YES	YES	YES	5mg/ml in 2mL ampoule; 5mg/ml rectal tubes	5mg/ml in 2mL ampoules; 2mg/ml in 1.25mL, 2.5mL or 4mg/ml in 2.5mL rectal tubes		YES	Seizures	YES	seizures (rectal tubes not approved <1yo)	YES	seizures	
magnesium sulfate	injection, 500mg/ml in 2-ml ampoule; 500mg/ml in 10-ml ampoule	YES	YES	YES	493mg/ml in 5mL ampoule; 500mg/ml in 5mL or 10mL ampoule	20% (0.8mmol/ml) in 20mL ampoule; 50% (2mmol/ml) in 2mL, 4mL, 5mL or 10mL		YES	Hypomagnesaemia	YES	Hypomagnasaemia (20% injection only in children)			
phenobarbital	tablet, 15-100mg; elixir, 15mg/5ml	YES	YES											
phenobarbital	injection 200mg/ml	YES	YES	YES	20mg/0.5ml	200mg/ml in 1mL ampoule		YES		YES				
phenytoin	capsule or tablet, 25mg, 50mg, 100mg (sodium salt)	YES	NO	YES	30mg/5mL	30mg/5mL		YES	grand mal and psychomotor seizures	YES	All forms of epilepsy including status,except absence seizures			chewable tablets also availableUK and Aust 50mg
phenytoin	injection, 50mg/ml in 5-ml vial (sodium salt)	YES	YES	YES	50mg/ml in 2mL or 5mL ampoule	50mg/ml in 5mL ampoule		YES	grand mal and psychomotor seizures	YES	All forms of epilepsy including status,except absence seizures			
valproic acid	enteric coated tablet, 200mg, 500mg (sodium salt)	YES	NO	YES	200mg/5mL	200mg/5mL	250mg/5mL	YES	generalised epilepsy focal epilepsy	YES	All forms of epilepsy	YES	Epilepsy	
<b>6. ANTI-INFECTIVE MEDICINES</b>														
<b>6.1 Anthelmintics</b>														
<b>6.1.1 Intestinal anthelmintics</b>														
albendazole	chewable tablet, 400mg	YES	YES					YES	gastrointestinal and tissue parasites in patients > 2 years	YES	> 2 years old	NO		chew tabs only suitable for children >2 yobut often NOT tolerated until 5-6yo. 200mg chew tablets also available
levamisole	tablet, 50mg, 150mg (as hydrochloride)	YES	NO	NO				NO		NO		NO		
mebendazole	chewable tablet, 100mg, 500mg	YES	YES					YES	helminthic infestations > 2yo	YES	Helminthic infections >2 yo	YES	> 2yo helminthic inf	oral susp 100mg/5ml Aust, UK

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niclosamide	chewable tablet, 500mg	YES	YES												
praziquantel	tablet, 150mg, 600mg	YES	NO	NO						NO			NO		
pyrantel	chewable tablet, 250mg (as embonate); oral suspension, 50mg (as embonate)/ml	YES	YES							YES	Threadworm; roundworm and hookworm	NO	YES	>2 YO Enterobiasis	
<b>6.1.2 Antifilarials</b>															
ivermectin*	scored tablet, 3mg, 6mg	YES	NO	NO						YES	>5Yo	YES	>5yo	YES	>15 kg *HIV/AIDS suffer more sever scabies
<b>6.1.3 Antischistosomes and antitrepatode medicine</b>															
praziquantel	tablet, 600mg	YES	NO	NO						NO		YES	>4yo		
triclabendazole	tablet, 250mg	YES	NO	NO						NO		NO		NO	
<b>6.2 Antibacterials</b>															
<b>6.2.1 Beta Lactam medicines</b>															
amoxicillin	capsule or tablet, 250mg, 500mg (anhydrous); powder for oral suspension, 125mg(anhydrous)/5ml	YES	YES												
amoxicillin + clavulanic acid	tablet, 500mg + 125mg	YES	NO	YES	125 mg + 31.25 mg per 5 mL and 400 mg+ 57 mg per 5mL	125mg+ 31mg/5ml and400 mg+ 57 mg per 5mL	125mg + 31mg/5mL and 250mg +62mg/ 5mL and 400mg+ 57mg/ 5mL	YES	Infections: skin, skin structure; urinary tract; upper, lower respiratory	YES	Infections due to beta-lactamase-producing strains	YES	Infections due to susceptible bact.		
ampicillin	powder for injection, 500mg, 1g (as sodium salt) in vial	YES	YES	YES	500mg, 1g in vial	500mg vial		YES		YES	for susceptible infections				
benzathine benzylpenicillin	powder for injection, 1.44g benzylpenicillin (=2.4million IU) in 5-ml vial	YES	YES	YES	450mg/ml in 2mL or 4mL ampoule	NO	600,000IU in 1mL, 1.2million IU in 2mL, 2.4million IU in 4mL	YES	Gp A streptococcal infections, rheumatic fever prophylaxis, syphilis			YES		Solution less concentrated than Australian, however increased volume requirement unlikely to be problematic. May require dose to be divided into two sites if reduced muscle bulk	
benzylpenicillin	powder for injection, 600mg (=1million IU), 3g (=5million IU) (sodium or potassium salt) in vial	YES	YES	YES	600mg, 1.2g or 3g; powder volume 0.4mL per 600mg	600mg or 1.2g vial powder for reconstitution		YES		YES					
cefixime	capsule, 400mg	NO													
flucloxacillin	125mg (as sodium salt)/5ml; powder for injection, 500mg (as sodium salt) in vial	YES	YES	YES	500mg in 0.4mL, 1g in 0.7mL	250mg, 500mg, 1g vials powder		YES	Penicillin resistant beta lactamase	YES	Beta-lactamase producing staphylococcal infections				
cloxacillin	capsule, 500mg, 1g (as sodium salt); powder for oral solution	YES	YES												
phenoxymethylpenicillin	tablet, 250mg (as potassium salt); powder for oral suspension, 250mg (as potassium salt)/5ml	YES	YES												
procaine benzylpenicillin	powder for injection, 1g (=1million IU), 3g (=3million IU) in vial	YES	YES	YES	1.5g/3.3mL (=1.5 IU)	NO	600 000IU in 1mL; 1.2million IU in 2mL; 2.4million IU in 4mL	YES	for suscptible organisms			YES		For IM use only	
<b>6.2.2 Other antibacterials</b>															
azithromycin*	capsule, 250mg or 500mg; suspension 200mg/5ml	YES	YES												*HIV/AIDS MAC prophalaxis
chloramphenicol*	capsule, 250mg; oral suspension, 150mg (as palmitate)/5ml	YES	YES												
chloramphenicol*	powder for injection, 1g (as sodium succinate) in vial; oily suspension for injection, 0.5g (as sodium succinate)/ml in 2-ml ampoule	YES	YES	YES	1g in 1mL powder volume	1g powder in vial		YES		YES				Care required in neonates - risk of grey-baby syndrome	
ciprofloxacin	tablet, 250mg (as hydrochloride)	NO													
doxycycline	capsule or tablet, 100mg (hydrochloride)	NO													
erythromycin*	capsule or tablet, 250mg (as stearate or ethyl succinate); powder for oral suspension, 125mg (as stearate or ethyl succinate)	YES	YES												
erythromycin*	powder for injection, 500mg (as lactobionate) in vial	YES	YES	YES	50mg/ml in 2mL, 300mg, 1g	1g vial powder for reconstitution		YES		YES	Penicillin hypersensitive patients				

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gentamicin*	injection, 10mg, 40mg (as sulfate)/ml in 2-ml vial	YES	YES	YES	10mg/ml in 1mL ampoule; 40mg/ml in 1mL, 1.5mL, 2mL	10mg/ml in 2mL; 40mg/ml in 1mL or 2mL ampoule		YES		YES					
metronidazole*	tablet, 200-500mg; injection, 500mg in 100-ml vial; suppository, 500mg, 1g; oral suspension, 200mg (as benzoate)/5ml	YES	YES	YES	5mg/ml in 100mL ampoule; 500mg suppository	5mg/ml in 20mL, 100mL ampoule; 500mg, 1g suppository		YES		YES					
nitrofurantoin	tablet, 100mg	YES	NO	YES	NO	25mg/5mL		YES	UTI	YES	UTI	YES	UTI		
spectinomycin	powder for injection, 2g (as hydrochloride) in vial	NO	YES	NO	NO	NO	2g per vial					NO		Predominantly indicated for treatment of STI's; Other drugs more efficacious and less toxic for treatment of UTIs in children	
sulfamethoxazole + trimethoprim *	injection, 80mg + 16mg/ml in 5ml and 10-ml ampoules	YES	YES	YES		96mg/ml in 5mL, 10mL ampoule				YES	Not for children <6 weeks of age			HIV/ADS - PCP	
sulfamethoxazole + trimethoprim *	tablet, 100mg + 20mg, 400mg + 80mg; oral suspension, 200mg + 40mg/5ml	YES	YES											HIV/ADS - PCP	
trimethoprim	tablet, 100mg, 200mg	YES	NO	YES	No	50mg/5mL	50mg/5mL	YES	UTI, RTI	YES	UTI, RTI	YES			
<b>6.2.3 Antileprosy medicines</b>															
clofazimine*	capsule, 50mg, 100mg	YES	NO	NO				YES	Leprosy	NO		NO			
dapsone*	tablet, 25mg, 50mg, 100mg	YES	NO	NO				YES	Leprosy	NO		YES	Leprosy	* HIV/AIDS PCP	
rifampicin*	capsule or tablet, 150mg, 300mg	YES	NO	YES	100mg/5mL	100mg/5mL	NO	YES	TB; leprosy; meningococcal and H. influenzae prophylaxis	YES	TB, Leprosy, Brucellosis, meningo and H. inf proph	YES	TB, Leprosy, meningococcal proph		
<b>6.2.4 Antituberculosis medicines*</b>															
all TB medications important in HIV/AIDS															
ethambutol	tablet, 100-400mg (hydrochloride)	YES	NO	NO	NO	NO	NO	NO		YES	TB	NO	TB >13 yo		
isoniazid	tablet, 100-300mg	YES	NO	YES	NO	NO	50mg/5mL	YES	TB	YES	TB	YES	TB		
isoniazid + ethambutol	tablet, 150mg + 400mg	YES	NO	NO				NO		NO		NO			
pyrazinamide	tablet, 400mg	YES	NO	NO				NO		NO					
rifampicin	capsule or tablet, 150mg, 300mg	YES	NO	YES	100mg/5mL	100mg/5mL	NO	YES	TB; leprosy; meningococcal and H. influenzae prophylaxis	YES	TB, Leprosy, Brucellosis, meningo and H. inf proph	YES	TB, Leprosy, meningococcal proph		
rifampicin + isoniazid	tablet, 60mg + 30mg; 150mg + 75mg; 300mg + 150mg; 60mg + 60mg; 150mg + 150mg	YES	NO	NO	NO	NO	NO	NO		NO		NO			
rifampicin + isoniazid + pyrazinamide	tablet, 60mg + 30mg + 150mg; 150mg + 75mg + 400mg; 150mg + 150mg + 500mg	YES	NO	NO	NO	NO	NO	NO		NO		NO			
rifampicin + isoniazid + pyrazinamide + ethambutol	tablet, 150mg + 75mg + 400mg + 275mg	YES	NO	NO	NO	NO	NO	NO		NO		NO			
streptomycin	powder for injection, 1g (as sulfate) in vial	YES	YES	YES		1g vial, powder				YES	TB				
<b>6.3 Antifungal medicines</b>															
clotrimazole	vaginal tablet, 100mg, 500mg; vaginal cream 1%, 10%	YES	YES	YES		1%, 10% cream in 20g, 50g; 100mg, 500mg pessaries				YES	Vaginal and vulval candidiasis			Avoid intravaginal preparations in young girls, unless no alternative; some preparations damage condoms, diaphragms	
fluconazole	injection, 2mg/ml in vial	YES	YES	YES		2mg/ml in 25mL, 100mL				YES					
fluconazole	capsule, 50mg; oral suspension, 50mg/5ml	YES	YES												
griseofulvin*	capsule or tablet, 125mg, 250mg	YES	NO	YES	NO	NO	125mg/5mL	YES	fungal skin, scalp, hair and nail infections	YES	Dermatophyte infections of the skin, scalp, hair and nails	YES	fungal skin, scalp, hair and nail infections		
nystatin	tablet, 100 000 IU, 500 000 IU; lozenge, 100 000 IU	YES	NO	YES	100,000 U / mL	100000 units/mL	100,000 U / mL	YES	Candida infections of oral cavity; intestinal candida infections in infants	YES	Candida infections of oral cavity; intestinal candida infections	YES	Oral Candida infection		
nystatin	pessary, 100 000 IU	YES	NO	YES	100,000 U / mL pessary	100000 units/mL	100,000 U / mL	YES		YES		YES	Oral Candida infection		
<b>6.4 Antiviral medicines</b>															
<b>6.4.1 Antih herpes medicines</b>															
aciclovir*	tablet, 200mg	YES	NO	YES	1	200mg/5mL	200mg/5mL	NO		YES	Herpes Zoster	YES	Varicella	Oral not approved in Aust but IV is. In US oral not approved for HSV IV is	

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aciclovir*	powder for injection, 250mg (as sodium salt) in vial	YES	YES	YES		25mg/ml in 10mL, 20mL, 40mL vials	200mg/5mL	NO		YES	Disseminated Herpes Simplex, Herpes Zoster	YES	Varicella	Oral not approved in Aust but IV is. In US oral not approved for HSV IV is	
<b>6.4.2 Antiretrovirals</b>															
<b>6.4.2.1 Nucleoside reverse transcriptase inhibitors</b>															
abacavir (ABC)	tablet, 300mg (as sulfate); oral solution, 100mg (as sulfate)/5ml	YES	YES						YES	> 3 months	YES	>3months	YES	> 3 months	
didanosine (ddI)	buffered chewable, dispersible tablet, 25mg, 50mg, 100mg, 150mg, 200mg; buffered powder for oral solution, 100mg, 167mg, 250mg packets; unbuffered enteric coated capsule, 125mg, 200mg, 250mg, 400mg	YES	YES												
lamivudine (3TC)	tablet, 150mg; oral solution 50mg/5ml	YES	YES												
stavudine (d4T)	capsule 15mg, 20mg, 30mg, 40mg; powder for oral solution, 5mg/5ml	YES	YES												
zidovudine (ZDV or AZT)	tablet, 300mg; capsule, 100mg, 250mg; oral solution or syrup, 50mg/5ml	YES	YES												
zidovudine (ZDV or AZT)	solution for IV infusion injection, 10mg/ml in 20-ml vial	YES	YES	YES		10mg/ml in 20mL vial	200mg in 20mL			YES	HIV infection, in combination; prevention of vertical transmission	YES			
<b>6.4.2.2 Non-nucleoside reverse transcriptase inhibitors</b>															
efavirenz (EFV or EFZ)	capsule, 50mg, 100mg, 200mg; oral solution, 150mg/5ml	YES	YES												
nevirapine (NVP)	tablet, 200mg; oral suspension 50mg/5ml	YES	YES												
<b>6.4.2.3 Protease inhibitors</b>															
indinavir (IDV)	capsule 200mg, 333mg, 400mg (as sulfate)	NO												dose and safety in children not established	
ritonavir	capsule, 100mg; oral solution, 400mg/5ml	YES	YES												
lopinavir + ritonavir (LPV/r)	capsule, 133.3mg + 33.3mg; oral solution, 400mg + 100mg/5ml	YES	YES												
nelfinavir (NFV)	tablet, 250mg (as mesilate); oral powder 50mg/g	YES	YES												
saquinavir (SQV)	capsule, 200mg	NO												dose, efficacy and safety not established in children	
<b>6.5 Antiprotozoal medicines</b>															
<b>6.5.1. Antiamoebic and anti giardiasis medicines</b>															
diloxanide	tablet, 500mg (furoate)	NO													
metronidazole*	tablet, 200-500mg; oral suspension, 200mg (as benzoate)/5ml	YES	YES												
metronidazole*	injection, 500mg in 100-ml vial;	YES	YES	YES	5mg/ml in 100mL	5mg/ml in 20mL, 100mL ampoule		YES		Treatment of Giardiasis, Amoebiasis; H.pylori eradication	YES				
<b>6.5.2 Antileishmaniasis medicines</b>															
□ meglumine antimoniate	injection, 30%, equivalent to approximately 8.1% antimony, in 5-ml ampoule	See Comment			NO	NO	30% preparation, in 5mL ampoule					NO		Further investigation regarding relevance of this medication in children is required	
<b>6.5.3 Antimalarial medicines</b>															
<b>6.5.3.1 For curative treatment</b>															
amodiaquine	tablet, 153mg or 200mg (base)	YES	NO	NO				NO		NO		NO			
artemether + lumefantrine	tablet, 20mg + 120mg	YES	NO	NO				NO		NO		NO		>12 yo ; >35kg in Aust and UK	
chloroquine	tablet, 100mg, 150mg. (as phosphate or sulfate); syrup, 50mg (as phosphate or sulfate)/5ml	YES	YES												
chloroquine	injection, 40mg (as hydrochloride, phosphate, or sulfate)/ml in 5-ml ampoule	YES	YES	YES	NO	40mg/ml in 5mL ampoule				YES	Treatment of Malaria				
primaquine	tablet, 7.5mg, 15mg (as diphosphate)	YES	NO	NO				YES	Malaria	NO		YES	Malaria		

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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments	
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US	Aust	UK		US
quinine	tablet, 300mg (as bisulfate or sulfate)	YES	NO	NO				YES	resistant P. falciparum malaria	YES	Falciparum malaria	YES	Falciparum malaria	
quinine	injection, 300mg (as dihydrochloride)/ml in 2-ml ampoule	YES	YES	YES		300mg/ml in 1mL or 2mL ampoule	NO			YES	Falciparum malaria	YES	Falciparum malaria (life-threatening)	
<b>6.5.3.2 For prophylaxis</b>														
chloroquine	tablet, 150mg (as phosphate or sulfate); syrup, 50mg (as phosphate or sulfate)/5ml	YES	YES											
doxycycline	capsule or tablet, 100mg (hydrochloride)	NO												
mefloquine	tablet, 250mg (as hydrochloride)	YES	NO	NO				NO	>45kg	YES	> 3 months, > 5kg	YES	> 6 months and	
proguanil	tablet, 100mg (hydrochloride)	YES	NO	NO				YES	malaria proph	YES	malaria proph	NO		
<b>6.5.4 Anti-pneumocystosis and antitoxoplasmosis medicines</b>														
pyrimethamine*	tablet, 25mg	YES	NO	NO				YES	Toxoplasmosis	YES	>5yo toxoplasmosis and malaria	YES	Malaria and Toxoplasmosis	
sulfamethoxazole + trimethoprim (D)*	injection, 80mg + 16mg/ml in 5-ml ampoule; 80mg + 16mg/ml in 10-ml ampoule	YES	YES	YES		96mg/ml in 5mL, 10mL ampoule				YES	Treatment of PCP			
<b>6.5.5 Antitrypanosomal medicines</b>														
<b>6.5.5.1 African trypanosomiasis</b>														
melarsoprol	injection, 3.6% solution	YES	See comment	NO	NO	NO	NO	NO						Role needs review due to concerns regarding toxicity in children
suramin sodium	powder for injection, 1g in vial	YES	See comment	YES	NO	NO	NO	10% solution	NO	NO		NO		Role needs review due to concerns regarding toxicity in children
<b>6.5.5.2 American trypanosomiasis</b>														
benznidazole	tablet, 100mg	YES	NO	NO				NO		NO		NO		
nifurtimox	tablet, 30mg, 120mg, 250mg	YES	NO	NO				NO		NO		NO		
<b>7. ANTIMIGRAINE MEDICINES</b>														
<b>7.1 For treatment of acute attack</b>														
acetylsalicylic acid	tablet, 300-500mg	NO												
paracetamol	tablet, 300-500mg	YES	NO	YES	100mg/mL, 120mg/5mL	250mg/5mL, 120mg/5mL	multiple	YES	pain and fever	YES	pain and fever	YES	pain and fever	paed form listed in section 2.1
<b>7.2 For prophylaxis</b>														
propranolol	tablet, 20mg, 40mg (hydrochloride)	YES	NO	YES	NO	5mg/5mL, 10mg/5mL, 50mg/5mL	20mg/5mL, 40mg/5mL, 80mg/5mL	YES	migraine proph + other.	YES	migraine proph + other.	NO		
<b>8. ANTINEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE</b>														
<b>8.1 Immunosuppressive medicines</b>														
<b>8.2 Cytotoxic medicines</b>														
<b>8.3 Hormones and antihormones</b>														
<b>8.4 Medicines used in palliative care</b>														
The WHO Expert Committee on the Selection and Use of Essential														
<b>9. ANTIPARKINSONISM MEDICINES</b>														
biperiden	tablet, 2mg (hydrochloride); injection, 5mg (lactate) in 1-ml ampoule	NO												
levodopa + carbidopa	tablet, 100mg + 10mg; 250mg + 25mg	NO												
<b>10. MEDICINES AFFECTING THE BLOOD</b>														
<b>10.1 Antianaemia medicines</b>														
ferrous salt	tablet, equivalent to 60mg iron; oral solution, equivalent to 25mg iron (as sulfate)/ml	YES	YES											
ferrous salt + folic acid	tablet, equivalent to 60mg iron + 400micrograms folic acid	NO												
folic acid	tablet, 1mg, 5mg	YES	NO	YES	NO	400mcg/5mL, 2.5mg/5mL	NO	NO		YES	Folate supp. in neonates, anaemia	YES	Folic acid def	

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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments	
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US				
hydroxocobalamin	injection, 1mg in 1-ml ampoule	YES	YES	YES	1mg/ml in 1mL ampoule	1mg/ml in 1mL ampoule; 2.5mg/ml in 2mL ampoule		YES	Treatment and prevention of vitamin B12 deficiency	YES	Treatment of macrocytic anaemia, vitamin B12 deficiency			
<b>10.2 Medicines affecting coagulation</b>														
heparin sodium	injection, 1000 IU/ml, 5000IU/ml, 20 000IU/ml in 1-ml ampoule	YES	YES	YES	1000units/ml in 1mL, 5mL or 20mL; 5000units/ml in 1mL or 5mL; 25 000units/ml in 0.2mL or 5mL	1000iU/ml in 1mL, 5mL, 10mL or 20mL ampoules; 5000iU/ml in 1mL, 5mL; 25,000iU/ml in 1mL, 5mL ampoules		YES		YES	Treatment and prophylaxis of thrombotic episodes			
phytomenadione (Vit K1)	injection, 10mg/ml in 5-ml ampoule; tablet, 10mg	YES	YES	YES	2mg/0.2mL	2mg/0.2mL	YES	YES	proph and treat of Haem diseases of newborn	YES	Vit K def bleeding and proph inc HDN	YES		im is preferred route in Haemorrhagic disease of the newborn
protamine sulfate	injection, 10mg/ml in 5-ml ampoule	YES	YES	YES	10mg/ml in 5mL ampoules	10mg/ml in 5mL, 10mL ampoules		YES	Treatment of heparin overdose, heparin reversal	YES	Heparin overdose			
warfarin	tablet, 1mg, 2mg, 5 mg (sodium salt)	YES	NO	NO				YES	Treatment and prevention of thromboembolic events	NO		NO		
<b>11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES</b>														
<b>11.1 Plasma substitutes</b>														
dextran 70	injectable solution, 6%	YES	YES	YES	dextran 70 in 5% dextrose or N.saline	dextran 70 in 5% dextrose or 0.9% Saline		YES	Hypovolaemia	YES	Short-term blood volume expansion			
<b>11.2 Plasma fractions for specific use</b>														
<b>11. TOTAL</b>														
<b>12. CARDIOVASCULAR MEDICINES</b>														
<b>12.1 Antianginal medicines</b>														
atenolol	tablet, 50mg, 100mg	NO												
glyceryl trinitrate	tablet (sublingual), 500micrograms	NO												
isosorbide dinitrate	tablet (sublingual), 5mg	NO												
verapamil	tablet, 40mg, 80mg (hydrochloride)	NO												
<b>12.2 Antiarrhythmic medicines</b>														
atenolol	tablet, 50mg, 100mg	YES	NO	YES	NO	25mg/5mL	NO	NO		NO		NO		
digoxin	tablet, 62.5micrograms, 250micrograms; oral solution, 50micrograms/ml	YES	YES											
digoxin	injection, 250micrograms/ml in 2-ml ampoule	YES	YES	YES	250microg/ml in 2mL; 25 microg/ml in 2mL	250microg/ml in 2mL ampoule		YES		YES	Supraventricular arrhythmia			
epinephrine (adrenaline)	injection, 1mg (as hydrochloride)/ml in ampoule	YES	YES	YES	1mg/ml in 1mL (=1:1 000); 0.1mg/ml in 10mL (=1:10 000)	1mg/ml, 1 in 1000		YES		YES	Treatment of acute hypotension			
lidocaine	injection, 20mg (hydrochloride)/ml in 5-ml ampoule	YES	YES	YES		20mg/ml in 2mL, 5mL, 10mL or 20mL ampoule; 1mg/ml or 2mg/ml in 5% Dextrose 500mL				YES	Ventricular arrhythmias, pulseless VT or VF (Not licensed for use in children <12 years old)			
verapamil	tablet, 40mg, 80mg (hydrochloride)	YES	NO	YES	NO	2	NO	YES	Hypertension and tachy-arrhythmias	YES	Hypertension and SVT treatment and propholaxis	NO		
verapamil	injection, 2.5mg (hydrochloride)/ml in 2-ml ampoule	YES	YES	YES	2.5mg/ml in 2mL ampoule	2.5mg/ml in 2mL ampoule		YES	Hypertension and tachy-arrhythmias	YES	Hypertension and SVT treatment and propholaxis	NO		
<b>12.3 Antihypertensive medicines</b>														
amlodipine	tablet, 5mg	NO												
atenolol	tablet, 50mg, 100mg	YES	NO	YES	NO	25mg/5mL	NO	NO		NO		NO		
enalapril	tablet, 2.5mg	YES	NO	NO				NO		YES	Hypertension > 20kg	NO		



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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments	
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US	US			
hydralazine	tablet, 25mg, 50mg (hydrochloride); powder for injection, 20mg (hydrochloride) in ampoule	YES	YES	YES	20mg ampoule of powder	20mg ampoule powder for reconstitution				YES	Treatment of hypertension			Recommend review of best treatment for hypertension in children
hydrochlorothiazide	scored tablet, 25mg	YES	NO	YES	NO	NO		10mg/mL	YES	oedema and hypertension	YES	oedema and hypertension	YES	Oedema and Hypertension
methyl dopa	tablet, 250mg	NO												
<b>12.4 Medicines used in heart failure</b>														
digoxin	injection, 250micrograms/ml in 2-ml ampoule	YES	YES	YES		250microg/ml in 2mL ampoule				YES				
digoxin	tablet, 62.5micrograms, 250micrograms; oral solution, 50micrograms/ml	YES	YES											
enalapril	tablet, 2.5mg	YES	NO	NO					NO	NO	not licensed for use for congestive heart failure	NO		
furosemide	tablet, 40mg	YES	NO	YES	10mg/mL	20mg/5mL, 40mg/5mL, 50mg/5mL	40mg/5mL, 10mg/mL	YES	Oedema	YES	Oedema and oliguria	YES	Oedema	
furosemide	injection, 10mg/ml in 2-ml ampoule	YES	NO	YES	10mg/mL	10mg/ml in 2mL or 5mL ampoule	40mg/5mL, 10mg/mL	YES	Oedema	YES	Oedema (Not licensed for use in hypertension in children)	YES	Oedema	
hydrochlorothiazide	scored tablet, 25mg	YES	NO	YES	NO	NO		10mg/mL	YES	oedema and hypertension	YES	oedema and hypertension	YES	Oedema and Hypertension
<b>12.5 Antithrombotic medicines</b>														
acetylsalicylic acid	tablet, 100mg	YES	NO	YES	300mg dis tab	75mg dis tab		1	YES	pain and fever, if < 6 yo on medical advice	NO		YES	juvenile arthritis and pain
<b>12.6 Lipid-lowering agents</b>														
<i>The WHO Expert Committee on the Selection and Use of Essential</i>														
<b>13. DERMATOLOGICAL MEDICINES (TOPICAL)</b>														
<b>13.1 Antifungal medicines</b>														
benzoic acid + salicylic acid	ointment or cream, 6% + 3%	YES	YES	YES		Benzoic acid 6% + salicylic acid 3% ointment				YES	Ringworm (tinea)			
micronazole	ointment or cream, 2% (nitrate)	YES	YES	YES		2% ointment or cream, 20g, 30g or 45g				YES	Fungal skin and nail infections; Vaginal candidiasis			
sodium thiosulfate	solution, 15%	NO			NO	NO		NO						The utility of this therapy in children needs to be further investigated.
<b>13.2 Anti-infective medicines</b>														
methyrosanilinium chloride (gentian violet)	aqueous solution, 0.5%; tincture, 0.5%	YES	YES	N/A	YES	NO			Not scheduled but available					
neomycin sulfate + bacitracin	ointment, 5mg neomycin sulfate + 500 IU bacitracin zinc/g	YES	YES	YES		Neomycin sulfate 3300 units + bacitracin zinc 250 units/g cream				YES	Superficial bacterial infection of skin			
potassium permanganate	aqueous solution, 1:10 000	YES	YES	YES		0.1% potassium permanganate for dilution to 1:10 000; 400mg tablets for dilution				YES	Cleansing and deodorising wound			
silver sulfadiazine	cream, 1% in 500-g container	YES	YES	YES		1% cream in 20g, 50g, 250g or 500g container				YES	Prophylaxis and treatment of infection in burn wounds, pressure sores			
<b>13.3 Anti-inflammatory and antipruritic medicines</b>														
betamethasone	ointment or cream, 0.1% (as valerate)	YES	YES	YES		0.1% as valerate, ointment or cream, 20g, 30g or 100g				YES	Severe inflammatory skin disorders			
calamine	lotion	YES	YES	YES		Lotion or oily lotion, 200mL				YES	Pruritus			
hydrocortisone	ointment or cream, 1% (acetate)	YES	YES	YES		0.5% or 1% cream or ointment, 30g				YES	Mild inflammatory skin disorders			
<b>13.4 Astringent medicines</b>														
aluminium diacetate	solution, 13% for dilution	NO			NO	Ear drops 13% for dilution		NO	NO					The utility of this therapy in children needs to be further investigated.
<b>13.5 Medicines affecting skin differentiation and proliferation</b>														
benzoyl peroxide	lotion or cream, 5%	YES	YES	YES		5% or 10% cream, 2.5%, 5% or 10% gel				YES	Acne vulgaris			
coal tar	solution, 5%	YES	NO	YES		2.3% solution in 200mL or 500mL; 20% solution, 100mL				YES	Eczema and Psoriasis			
dithranol	ointment, 0.1-2%	YES	YES	YES		0.1-2% ointment in soft paraffin, 50g				YES	Subacute and chronic psoriasis			
fluorouracil	ointment, 5%	NO			NO	5% cream				NO				

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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments		
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US					
podophyllum resin	solution, 10-25%	YES	NO	YES		20% ointment with salicylic acid; 0.5% solution					YES	Topical application for treatment of plantar warts (not anogenital)		Need to clarify concentration of solution on list - appropriate for children?	
salicylic acid	solution, 5%	YES	NO	YES		2% solution					YES	Acne, Psoriasis, Fungal nail infections		Need to clarify concentration of solution on list - appropriate for children?	
urea	ointment or cream, 10%	YES	YES	YES		5% or 10% cream; 10% lotion					Not scheduled, but available	For use in dry, scaly skin conditions			
<b>13.6 Scabicides and pediculicides</b>															
benzyl benzoate	lotion, 25%	YES	YES	YES	250mg/ml in an oil/water emulsion = 25%, 200mL	NO		YES	For scabies and pediculicides	NO				Needs to be appropriately diluted for use in children	
permethrin	cream, 5%; lotion, 1%	YES	YES	YES		5% cream 30g; 1% cream rinse 59mL				YES	Scabies (not under 6 months of age)				
<b>14. DIAGNOSTIC AGENTS</b>															
<b>14.1 Ophthalmic medicines</b>															
fluorescein	eye drops, 1% (sodium salt)	YES	YES	YES		1% or 2% eye drops 0.5mL				YES	Detection of lesions and foreign bodies				
tropicamide	eye drops, 0.5%	YES	YES	YES		0.5% or 1% eyedrops, 0.5mL or 5mL				YES	Fundoscopy				
<b>14.2 Radiocontrast media</b>															
amidotrizoate	injection, 140-420mg iodine (as sodium or meglumine salt)/ml in 20-ml ampoule	YES	See comment	YES		sodium amidotrizoate 100mg, meglumine amidotrizoate 600mg/ml, 100mL				YES	For radiological investigations, uncomplicated meconium ileus (not distal intestinal obstruction syndrome)			Need to clarify concentration of solution on list - appropriate for children?	
barium sulfate	aqueous suspension	YES												Regulatory status to be clarified	
iohexol	injection, 140-350mg iodine/ml in 5-ml, 10-ml and 20-ml ampoule	YES	YES	YES	180-350mg iodine/ml equivalent in 10mL, 20mL, 50mL, 75mL, 100mL & 200mL	NO		YES	contrast medium for angiography, urography and GI studies						
iopanoic acid	tablet, 500mg	NO													
propylidone	oily suspension, 500-600mg/ml in 20-ml ampoule	See comment			NO	NO	50% preparation						NO	Need to clarify whether concentration of solution on list is appropriate for children and regulatory status to be clarified	
<b>15. DISINFECTANTS AND ANTISEPTICS</b>															
<b>15.1 Antiseptics</b>															
chlorhexidine	solution, 5% (digluconate) for dilution	YES	YES	YES		5% concentrate for dilution, 5L				YES	Preoperative skin preparation, general skin disinfection				
ethanol	solution, 70% (denatured)	YES	YES	YES		NO									
polyvidone iodine	solution, 10%	YES	YES	YES		10% in aqueous or alcohol solution, 500mL				YES	Skin disinfection				
<b>15.2 Disinfectants</b>															
chlorine base compound	powder (0.1% available chlorine) for solution	See comment												Not for use in patients	
chloroxylenol	solution, 4.8%	See comment												Not for use in patients	
glutaral	solution, 2%	See comment												Not for use in patients	
<b>16. DIURETICS</b>															
amiloride	tablet, 5mg (hydrochloride)	NO													
furosemide	tablet	YES	NO	YES	10mg/mL	20mg/5mL, 40mg/5mL, 50mg/5mL	40mg/5mL, 10mg/mL	YES	Oedema	YES	Oedema and oliguria	YES	Oedema		
furosemide	injection, 10mg/ml in 2-ml ampoule	YES	YES	YES	10mg/mL	10mg/ml in 2mL or 5mL ampoule	40mg/5mL, 10mg/mL	YES	Oedema	YES	Oedema	YES	Oedema		
hydrochlorothiazide	scored tablet, 25mg	YES	NO	YES	NO	NO	10mg/mL	YES	Oedema and hypertension	YES	Oedema and hypertension	YES	Oedema of heart failure and hypertension		
mannitol	injectable solution, 10%, 20%	YES	YES	YES		10% or 20% solutions				YES	Peripheral oedema and ascites				

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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US			
spironolactone	tablet, 25mg	YES	NO	YES	NO	5 mg/5 mL, 10 mg/5 mL, 25 mg/5 mL, 50 mg/5 mL and 100 mg/5 mL	NO	YES	Oedema	YES	Diuresis in congestive cardiac failure, ascites and oedema	NO	
<b>17. GASTROINTESTINAL MEDICINES</b>													
<b>17.1 Antacids and other antiulcer medicines</b>													
aluminium hydroxide	tablet, 500mg; oral suspension, 320mg/5ml	YES	YES										
ranitidine	tablet, 150mg (as hydrochloride); oral solution 75mg/5-ml	YES	YES										
ranitidine	injection, 25mg/ml in 2-ml ampoule	YES	YES	YES		25mg/ml in 2mL ampoule	50mg in 2mL ampoule			NO	Only oral preparation licensed for use in children	YES	Gastric or duodenal ulcer; Gastro-oesophageal reflux
magnesium hydroxide	oral suspension, equivalent to 550mg magnesium oxide/10ml	YES	YES										
<b>17.2 Antiemetic medicines</b>													
metoclopramide	tablet, 10mg (hydrochloride); injection, 5mg (hydrochloride)/ml in 2-ml ampoule	YES	YES	YES		5mg/ml in 2mL ampoules				YES	Vomiting; Not licensed for neonates		
promethazine	tablet, 10mg, 25 mg (hydrochloride); elixir or syrup, 5mg (hydrochloride)/5ml	YES	YES										
promethazine	injection, 25mg (hydrochloride)/ml in 2-ml ampoule	YES	YES	YES		25mg/ml in 1mL ampoule				YES	Treatment of nausea and vomiting, motion sickness prevention		
<b>17.3 Anti-inflammatory medicines</b>													
□sulfasalazine	tablet, 500mg; suppository, 500mg; retention enema	NO											
<b>17.4 Laxatives</b>													
□senna	tablet, 7.5mg (sennosides) (or traditional dosage forms)	YES	YES										
<b>17.5 Medicines used in diarrhoea</b>													
<b>17.5.1 Oral rehydration</b>													
oral rehydration salts (for glucose-electrolyte solution) (D)	glucose 75mEq; sodium 75mEq or mmol/l; chloride 65mEq or mmol/l; potassium 20mEq or mmol/l; citrate 10mmol/l; osmolarity 245mOsm/l; glucose 13.5g/l; sodium chloride 2.6g/l; potassium chloride 1.5g/l; trisodium citrate dihydrate 2.9g/l	YES	YES	YES		Multiple preparations, including WHO formulation				YES	Fluid and electrolyte loss in diarrhoea		
	Trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium bicarbonate) 2.5g/l. However, as the stability of this latter formulation is very poor under tropical conditions, it is only recommended when manufactured for immediate use. In cases of cholera, a higher concentration of sodium may be required.												
<b>17.5.2 Medicines for diarrhoea in children</b>													
zinc sulfate	tablet or syrup in 10mg per unit dosage forms	YES	YES										
<b>17.5.3 Antidiarrhoeal (symptomatic) medicines in adults</b>													
codeine	tablet, 30mg (phosphate)	NO											
<b>18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES</b>													
<b>18.1 Adrenal hormones and synthetic substitutes</b>													
Addison's disease is a rare condition; adrenal hormones are already													

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ITEM	FORM AND DOSAGE 2005	Indication approved in children													Comments
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US		US			
<b>18.2 Androgens</b>															
<b>18.3 Contraceptives</b>															
<b>18.3.1 Oral hormonal contraceptives</b>															
ethinylestradiol + levonorgestrel	tablet, 30micrograms + 150micrograms	NO													
ethinylestradiol + norethisterone	tablet, 35micrograms + 1.0mg	NO													
levonorgestrel	tablet, 30micrograms, 750micrograms (pack of two), 1.5mg	NO													
<b>18.3.2 Injectable hormonal contraceptives</b>															
medroxyprogesterone acetate (D)	depot injection, 150mg/ml in 1-ml vial	NO													
norethisterone enantate	oily solution, 200mg/ml in 1-ml ampoule	NO													
<b>18.3.3 Intrauterine devices</b>															
copper-containing device		NO													
<b>18.3.4 Barrier methods</b>															
condoms		NO													
diaphragms		NO													
<b>18.4 Estrogens</b>															
ethinylestradiol	tablet, 10micrograms, 50micrograms	NO													
<b>18.5 Insulins and other antidiabetic agents</b>															
glibenclamide	tablet, 2.5mg, 5mg	NO													
insulin	soluble insulin injection, 40 IU/ml in 10-ml vial, 100IU/ml in 10-ml vial; intermediate insulin injection, 40 IU/ml in 10-ml vial; 100 IU/ml in 10-ml vial (as compound insulin zinc suspension or isophane insulin)	YES	YES	YES			soluble insulin 100units/ml in 10mL vial; intermediate insulin 100units/ml in 10mL vial (isophane)				YES	Treatment of Diabetes Mellitus			
metformin	tablet, 500mg (hydrochloride)	NO													
<b>18.6 Ovulation inducers</b>															
<b>18.7 Progestogens</b>															
norethisterone	tablet, 5mg	NO													
<b>18.8 Thyroid hormones and antithyroid medicines</b>															
levothyroxine	tablet, 50micrograms, 100micrograms (sodium salt)	YES	NO	NO	NO		NO	NO	YES	hypothyroidism	YES	hypothyroidism	YES	hypothyroidism	
potassium iodide	tablet, 60mg	NO													
propylthiouracil	tablet, 50mg	NO													
<b>19. IMMUNOLOGICALS</b>															
<b>19.1 Diagnostic agents</b>															
All tuberculin should comply with the WHO Requirements for Tuberculins (Revised 1985). WHO Expert Committee on Biological Standardization Thirty-sixth report (WHO Technical Report Series, No. 745, 1987, Annex 1).															
tuberculin, purified protein derivative (PPD)	injection	YES	YES	YES			20 units/ml in 1.5mL vial; 100 units/0.1ml in 1.5mL vial				YES				
<b>19.2 Sera and immunoglobulins</b>															
All plasma fractions should comply with the WHO Requirements for the															
anti-D immunoglobulin (human)	injection, 250micrograms in single-dose vial	NO													
antitetanus immunoglobulin (human)	injection, 500 IU in vial	YES	YES	YES			YES				YES				
antivenom serum	injection	YES	Specific antivenom sera required will be determined by locality; Appropriate antivenoms should be available for all children												
diphtheria antitoxin	injection, 10 000 IU, 20 000 IU in vial	YES	YES	YES			YES				YES	Treatment of all forms of diphtheria			
rabies immunoglobulin	injection, 150 IU/ml in vial	YES	YES	YES			YES				YES				
<b>19.3 Vaccines</b>															
All vaccines should comply with the WHO Requirements for Biological															

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ITEM	FORM AND DOSAGE 2005	FORM AND DOSAGE 2005			Aust	UK	US	Indication approved in children				Comments
		Indic. for	Paed form	Marketed				Aust	UK	US	US	
<b>19.3.1 For universal immunization</b>												
BCG vaccine		YES	YES	YES	All vaccinations should be prepared to appropriate standards and available for all children							
diphtheria vaccine		YES	YES	YES					YES			
hepatitis B vaccine		YES	YES	YES					YES			
measles vaccine		YES	YES	YES					YES			
pertussis vaccine		YES	YES	YES					YES			
poliomyelitis vaccine		YES	YES	YES					YES			
tetanus vaccine		YES	YES	YES					YES			
<b>19.3.2 For specific groups of individuals</b>												
influenza vaccine		YES	YES	YES	All vaccinations should be prepared to appropriate standards and available for all children				YES			
meningococcal meningitis vaccine		YES	YES	YES					YES	Only those for meningococcal C licensed for use in <2yo		
mumps vaccine		YES	YES	YES					YES			
rabies vaccine (inactivated: prepared in cell culture)		YES	YES									
rubella vaccine		YES	YES	YES					YES			
typhoid vaccine		YES	YES	YES					YES	Not <2yo		
yellow fever vaccine		YES	YES	YES					YES			
<b>20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS</b>												
calciumium	injection, 5mg (chloride)/ml in 2-ml ampoule	YES	YES	YES	2mg/ml in 2mL ampoule			YES				Pancuronium recommended as most appropriate non-depolarising muscle relaxant in children
neostigmine	tablet, 15mg (bromide); injection, 500micrograms in 1-ml ampoule; 2.5mg (metilsulfate) in 1-ml ampoule	YES	YES	YES		2.5mg/ml in 1mL ampoule			YES	Reversal of non-depolarising muscle block		
suxamethonium	injection, 50mg (chloride)/ml in 2-ml ampoule; powder for injection (chloride), in vial	YES	YES	YES		50mg/ml in 2mL ampoule or prefilled syringe			YES	Muscle relaxation during surgery		
<b>21. OPHTHALMOLOGICAL PREPARATIONS</b>												
<b>21.1 Anti-infective agents</b>												
gentamicin	solution (eye drops), 0.3% (sulfate)	YES	YES	YES		0.3% drops in 0.5mL or 10mL			YES			
idoxuridine	solution (eye drops), 0.1%; eye ointment, 0.2%	See comment			NO	NO	0.1% solution for eye drops			NO		Role in treatment of children requires further clarification
tetracycline	eye ointment, 1% (hydrochloride)	YES	YES	YES	1% preparation	NO		YES				
<b>21.2 Anti-inflammatory agents</b>												
prednisolone	solution (eye drops), 0.5% (sodium phosphate)	YES	YES	YES		0.5% drops in 0.5mL or 10mL			YES	Local treatment of inflammation (short term)		
<b>21.3 Local anaesthetics</b>												
tetracaine	solution (eye drops), 0.5% (hydrochloride)	YES	YES	YES		0.5% or 1% drops in 0.5mL			YES			
<b>21.4 Miotics and antiglaucoma medicines</b>												
acetazolamide	tablet, 250mg	NO										
pilocarpine	solution (eye drops), 2%, 4% (hydrochloride or nitrate)	YES	YES	YES	0.5%, 1%, 2%, 3%, 4%, 6% drops	0.5%, 1%, 2% or 4% eye drops in 10mL; 2% or 4% drops in 0.5mL		YES	Glaucoma	YES	Treatment of glaucoma; pre-operative use	
timolol	solution (eye drops), 0.25%, 0.5% (as maleate)	YES	YES	YES	0.25%, 0.5% drops	0.25% drops in 0.2mL or 5mL; 0.5% drops in 0.2mL or 5mL		YES	Glaucoma	NO		
<b>21.5 Mydriatics</b>												
atropine	solution (eye drops), 0.1%, 0.5%, 1% (sulfate)	YES	YES	YES		0.5% or 1% drops in 10mL or 0.5mL			YES	Not in children <3 months; not licensed for treatment of uveitis in		
<b>22. OXYTOCICS AND ANTIOXYTOCICS</b>												
<b>22.1 Oxytocics</b>												
ergometrine	injection, 200micrograms (hydrogen maleate) in 1-ml ampoule	NO										

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ITEM	FORM AND DOSAGE 2005	Indication approved in children											Comments			
		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US	Aust	UK		US		
oxytocin	injection, 10 IU in 1-ml ampoule	NO														
<b>22.2 Antioxytocics</b>																
nifedipine	immediate release capsule, 10mg	NO														
<b>23. PERITONEAL DIALYSIS SOLUTION</b>																
<b>24. PSYCHOTHERAPEUTIC MEDICINES</b>																
<b>24.1 Medicines used in psychotic disorders</b>																
chlorpromazine	tablet, 100mg (hydrochloride); syrup, 25mg (hydrochloride)/5ml	YES	YES													
chlorpromazine	injection, 25mg (hydrochloride)/ml in 2-ml ampoule	YES	YES	YES		25mg/ml in 1mL or 2mL ampoules				YES	Relief of acute symptoms of psychoses					
fluphenazine	injection, 25mg (decanoate or enantate) in 1-ml ampoule	See comment			NO	NO	25mg in 1mL ampoule					NO				Need to consider addition of alternate antipsychotic for children
haloperidol	tablet, 2mg, 5mg	YES	NO	YES	2mg/mL	2	2	YES	> 3yo severely aggressive and hostile or Tourette syndrome	YES	motor tics, schizophrenia, mania psychomotor agitation and violent impulsive behaviour	YES	> 3YO Autism, Tourette Syn, psychotic disorder, sever aggression			
haloperidol	injection, 5mg in 1-ml ampoule	YES	YES	YES	5mg/ml in 1mL; 10mg/ml in 1mL or 2mL ampoule	5mg/ml in 1mL ampoule		YES	> 3yo severely aggressive and hostile or Tourette syndrome	YES	motor tics, schizophrenia, mania psychomotor agitation and violent impulsive behaviour	YES	> 3YO Autism, Tourette Syn, psychotic disorder, sever aggression			
<b>24.2 Medicines used in mood disorders</b>																
<b>24.2.1 Medicines used in depressive disorders</b>																
amitriptyline	tablet, 25mg (hydrochloride)	NO														
<b>24.2.2 Medicines used in bipolar disorders</b>																
carbamazepine	scored tablet, 100mg, 200mg	YES	NO	YES	20mg/mL	20mg/mL	20mg/mL	YES	Partial and generalised epilepsy	YES	generalised tonic-clonic, partial seizures.	YES	> 6YO Epilepsy			
lithium carbonate	capsule or tablet, 300mg	NO														
valproic acid	enteric coated tablet, 200mg, 500mg (sodium salt)	YES	NO	YES	200mg/5mL	200mg/5mL	250mg/5mL	YES	generalised epilepsy focal epilepsy	YES	All forms of epilepsy	YES	Epilepsy			
<b>24.3 Medicines used in generalized anxiety and sleep disorders</b>																
diazepam	scored tablet, 2mg, 5mg	NO														
<b>24.4 Medicines used for obsessive compulsive disorders and panic attacks</b>																
clomipramine	capsules, 10mg, 25mg (hydrochloride)	NO														
<b>25. MEDICINES ACTING ON THE RESPIRATORY TRACT</b>																
<b>25.1 Antiasthmatic and medicines for chronic obstructive</b>																
beclometasone	inhalation (aerosol), 50micrograms per dose (dipropionate); 250micrograms (dipropionate) per dose	YES	YES	YES	YES	50, 100, 200 & 250 microg per dose as MDI for inhalation		YES		YES						
epinephrine (adrenaline)	injection, 1mg (as hydrochloride or hydrogen tartrate) in 1-ml ampoule	YES	YES	YES		YES				YES						
ipratropium bromide	inhalation (aerosol), 20micrograms/metered dose	YES	YES	YES		20 microg per dose as MDI for inhalation; 250 microg/ml solution for nebulisation		YES	In initial treatment of children with moderate to severe exacerbation	YES						
salbutamol	tablet, 2mg, 4mg (as sulfate); inhalation (aerosol), 100micrograms (as sulfate) per dose; syrup, 2mg/5ml; injection, 50micrograms (as sulfate)/ml in 5-ml ampoule; respirator solution for use in nebulizers, 5mg (as sulfate)/ml	YES	YES	YES		100 microg per dose as MDI for inhalation; 500 microg/ml in 1mL amp; 1mg/ml in 5mL ampoule		YES		YES						
<b>26. SOLUTIONS CORRECTING WATER, ELECTROLYTE, AND ACID-BASE DISTURBANCES</b>																
<b>26.1 Oral</b>																
oral rehydration salts (for glucose-electrolyte solution)	see section 17.5.1	YES	YES	YES	YES			YES								
potassium chloride	powder for solution	YES	YES	YES	YES			YES								

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		Indic. for	Paed form	Marketed	Aust	UK	US	Aust	UK	US	Aust	UK		US
<b>26.2 Parenteral</b>														
glucose	injectable solution, 5%, 10% isotonic; 50% hypertonic	YES	YES	YES	YES				YES					
glucose with sodium chloride	injectable solution, 4% glucose, 0.18% sodium chloride (equivalent to Na+ 30mmol/l, Cl- 30mmol/l)	YES	YES	YES	YES				YES					Review of intravenous fluids in children recommended
potassium chloride	solution, 11.2% in 20-ml ampoule (equivalent to K+ 1.5mmol/ml, Cl- 1.5mmol/ml)	YES	YES	YES	YES				YES					
sodium chloride	injectable solution, 0.9% isotonic (equivalent to Na+ 154mmol/l, Cl- 154mmol/l)	YES	YES	YES	YES				YES					
sodium hydrogen carbonate	injectable solution, 1.4% isotonic (equivalent to Na+ 167mmol/l, HCO3- 167mmol/l); solution, 8.4% in 10-ml ampoule (equivalent to Na+ 1000mmol/l, HCO3- 1000mmol/l)	See comment			YES				YES					Needs to be single, safe preparation - such as 8.4% in 10mL ampoule
sodium lactate, compound solution	injectable solution	YES	YES	YES	YES				YES					
<b>26.3 Miscellaneous</b>														
water for injection	2-ml, 5-ml, 10-ml ampoule	YES	YES		YES				YES					
<b>27. VITAMINS AND MINERALS</b>														
ascorbic acid	tablet, 50mg	YES	NO	YES	100mg/5mL	NO		100mg/mL, 500mg/5mL	YES	Vit C sup.	YES	Scurvy, Adjunct to desferrioxamine	YES	Ascorbic acid Deficiency
ergocalciferol	capsule or tablet, 1.25mg (50 000 IU); oral solution, 250micrograms/ml (10 000 IU/ml)	YES	YES											
iodine	iodized oil, 1ml (480mg iodine), 0.5ml (240mg iodine) in ampoule (oral or injectable); 0.57ml (308mg iodine) in dispenser bottle; capsule, 200mg	YES	NO	NO	NO	NO		NO						No intravenous/injectable forms licensed for use in children
nicotinamide	tablet, 50mg	NO												
pyridoxine	tablet, 25mg (hydrochloride)	YES	NO	NO	NO	NO		NO	YES	as part of multivit	NO		NO	required for proph during isoniazid treatment and pyridoxine dependent seizures. Liquid formulation available as multivit
retinol	sugar-coated tablet, 10 000 IU (as palmitate) (5.5mg); capsule, 200 000 IU (as palmitate) (110mg); oral oily solution, 100 000 IU (as palmitate)/ml in multidose dispenser; water-miscible injection, 100 000 IU (as palmitate) (55mg) in 2-ml ampoule	YES	YES	YES			50 000 IU/ml (as palmitate) in 2mL ampoule				YES	For treatment and prevention of vitamin A deficiency		
riboflavin	tablet, 5mg	YES	NO	NO	NO	NO		NO	YES	As part of multivit	NO		YES	Riboflavin def Liquid formulation available as multivit
sodium fluoride	in any appropriate topical formulation	YES	YES											
thiamine	tablet, 50mg (hydrochloride)	YES	NO	NO					YES	as part of multivit	NO		NO	Liquid formulation available as multivit

\* indicates a medication that is of potential importance in HIV/AIDS opportunistic infections or infections that

Total listings 284  
 Listings not assessed 0  
 paediatric formulation essential for children 251  
 paediatric formulation not essential for children 51

Paediatric formulation essential and on the list  
 paediatric formulation essential and not on the list  
 paediatric formulation essential, not on list and available  
 paediatric formulation essential, not on list and not available