

Pediatric Dosages - Antibiotics

Drugs	Dosage	Formulations Available	Indications/CI
Syp.Amoxil (Amoxicillin)	50mg/kg/day BD/TDS <i>Max 1g/Day</i>	125mg/5ml 250mg/5ml	URTI, Dental Abscess, Skin/Skin structure infections, ENT infections(OM)
Syp. Calamox/Augmentin (Amoxil+clavulanic acid)	30-50mg/kg/day BD/TDS	156mg/5ml 312mg/5ml 457mg/5ml 625mg/5ml	1 st line URTI/GABHS Skin ENT Dental Abscess-1 st Line
Syp. Azit/Zeezin/Azomax (Azithromycin)	12-15mg/kg/day OD Enteric Dose 20mg/kg/day	200mg/5ml	2 nd line URTI Atypical organisms causing LRTI Shigella, campylobacter ,severe dysentery, enteric fever Endocarditis prophylaxis
Syp Klaricid/Rithmo (clarithromycin)	15mg/kg/day BD <i>Max 1g/Day</i>	125mg/5m 250mg/5ml	2 nd line URTI Atypical LRTI/ H.pylori cat scratch, Ear(OM) 2 nd line endocarditis
Syp. Novidat/orcip (ciprofloxacin)	15-30mg/kg/day BD	125mg/5ml 250mg/5ml	1 st line Dysentery 2 nd line UTI Severe dysentery, EPEC,ETEC,EIEC STDs
Syp. Flagyl (metronidazole)	20-30mg/kg/day BD/TDS	100mg/5ml 200mg/5ml	ABx induced diarrhea, C. Difficile infection, E.Histolytica, Giardia,H.pylori,vaginosis
Syp. Septran/ Septran DS (TMP-SMX)	50-60mg/kg/day BD	>2 Months 200/40mg/5ml 400/80mg/5ml	Dysentery, UTI 3-5days,
Syp. Nitazide/Diatazox (Nitazoxanide)	100mg-BD (1-3years) 200mg-BD (3-11Years)	100mg/5ml	Smelly Diarrhea, Anti-infective (Covers Most of organisms causing diarrhea in children including rota)
Syp. Cefspan/cefiget/karicel /Mixel (Cefixime) 3 rd gen Cephalo.	10mg/kg/day 20mg/kg/day (enteric dose) BD	100mg/5ml 200mg/5ml 400mg/5ml	Otitis Media, Strep throat, LRTI, UTI, Gonorrhoea, Lyme, Typhoid, URTI, E.coli Dysentery
Syp. Velosef (cephradine) 1 st gen cephalo.	25-50mg/kg/day	125mg/5ml	GABHS, OM, Skin/Structure
Syp. Cefalor (cefaclor) 2 nd Gen.Cephalo	20-40mg/kg/day TDS <i>Max 2g/24hour</i>	125mg/5ml 250mg/5ml	URTI,LRTII,UTI,skin Rarely used due to serum sickness like symptoms in children
Syp. Dalacin – C (Clindamycin)	10- 20mg/kg/6hourly TDS	75mg/5ml Capsule 150mg/cap	Acne vulgaris, dental infection 2 nd line, Pencillin allergic pts. Step.staph.pneumococci
Syp. Zinnat (Cefuroxime) 2 nd Gen Cephalo	20-30mg/kg/day BD	125mg/5ml	URTI,LRTII,UTI,AOM MDR typhoid,CAP
Syp. Orelox (cefpodxime) 3 rd Gen Cephalo.	10mg/kg/day 6months-40mgxBD 3-8Years-80mgxBD >9Year-100mgxBD	40mg/5ml	URTI,LRTII,UTI,AOM Sinusitis,CAP

GI DRUGS

Drugs	Dosage	Formulations	Indications/contraindications
Sachet Enflor/Biflor/Gut Care (Yeast Based Antibiotic)	<1 Year ½ Sachet OD >1 Year 1 Sachet OD (in milk/water)	Treatment duration: 3 Days	Better in Antibiotic induced/associated diarrhea/C.difficile induced
Enterogermina/Sachet PrePro GG/Gut Care Sachet Imutec (Bacteria Based Probiotic)	<6 Years 1 Vial OD >6 Years 1-2 Vials OD (in milk/water)	Use Probiotics 2-3 hours after antibiotic intake	Better in Acute Diarrhea/Gastroenteritis
Syp. Bonnisan (Herbal)	<1 Month ½ Tbsp OD 1-6 Months 1 Tbsp OD >6 Months 2 Tbsp OD	Treatment duration: 5-7 Days	infantile colic, diarrhea, abdominal pain and dyspepsia
Syp. Septillin (Herbal immunity booster)	<1 Month ½ Tbsp OD 1-6 Months 1 Tbsp OD >6 Months 2 Tbsp OD	Treatment duration: 5-7 Days	immunomodulatory, antioxidant, anti-inflammatory and antimicrobial
Sachet Doctile/Smecta (dioctahedral smectite)	<1 Year ½ Sachet BD >1 Year 1 Sachet BD (in milk/water with ORS therapy)	Treatment duration: 3 Days	natural adsorbent clay adsorb viruses, bacteria, and bacterial toxin
Syp. Gravinate (dimenhydrinate)	0.5-1mg/kg/dose TDS	12.5mg/4ml	Children > 2 Years Nausea, vomiting, motion sickness
Tab. Onset/Zofran (ondasetron)	0.2-0.3 mg/kg/dose BD-TDS	8mg/tablet	Acute gastroenteritis /Vomiting 1 st line
Syp. Spasler – P (Hyoscine butylbromide)	>6 Years old 0.2-0.4mg/kg	5mg/5ml	Abdominal Pain
Nospa (Drotaverine)	>4 Years Age 20-40mg TDS	40mg/tablet	Recurrent Abdominal Pain
EZ-Colic Drops Pasmolex DROPS Infacol Drops Colorest Drops (Herbal)	Children < 1 Year 5 Drops Before Breast Feeding (1 Drop per Kg)	TDS/ QDS	Colic
<i>Colic- rule of 3- A baby that cries for three or more hours per day, at least three times a week, in the first three months of life without any clear cause</i>			
Unilact Drops/Colibid (Lactase Enzyme Drops)	Children < 1 Year 5 Drops Before Breast Feeding	transient lactase intolerance	Colic/Milk intolerance <i>Add to Milk bottle 10 minutes before feed</i>
Castor Oil (laxative)	1tbsp/OD	Natural Laxative	Constipation

Syp. Vermox (Mebendazole)	100mg BD 3 Days	100mg/5ml	Pica,ascariasis, pinworm disease, hookworm infections, guinea worm infections, hydatid disease,giardia
Syp. Zentel (Albendazole)	200mg BD 400mg OD 3 days 40mg/kg/day	200mg/5ml	giardiasis, trichuriasis, filariasis, hydatid disease, pinworm disease,ascariasis,
Syp. Peptinil (Ranitidine)	4-10ml/kg/day	75mg/5ml	h.pylori
Syp. Famotidine	0.5-1mg/kg/day >6years 20mg/day	10mg/5ml	h.pylori
Syp. Duphalac/Neolac (Lactulose)	1Tbsp x BD		Constipation
Syp. Epiteze (herbal) Syp. Trimetabol Syp (synthetic) Syp.Cestonil (pizotifen+Vit.B) Syp. Mosegor (pizotifen) Syp.Tres Orix (Fe + Appetite Stimulant)	1Tbsp BD >6 years Adults >12 Months 20mg/day <12 Monts 10mg/day		Appetite Stimulants
Syp. Osiris/Zincat/DiaZinc (zinc sulphate)	<6 months – 2.5ml OD >6months – 5mlOD	20mg/5ml 10-14Days	URTI/LRTI Diarrhoea/Vomiting
Syp. Mucaine	>6 Years 1tbsp x BD		Antacids
Syp Motilium (Domeperidone)	<12 years but >15kg 30mg x bd >12 Years - 60mg x bd	5mg/5ml	Gastroparesis, Nausea, Vomiting
Sachet Risek Insta (Omeprazole + Na Bicarb)	40mg/1100mg	OD x 7 Days	
Skilax Drops	20 Drops x H/S >4 Years old	7.5mg/5ml	Constipation
Glycerine Suppository	1 x PR		Constipation

Respiratory/Antihistamines

Drugs	Dosage	Formulations/Duration	I / CI
Syp. Prospan Syp. Hylxia Syp. Dr. Koff Syp. Dr.FLU Syp. Kroff (Herbal)	Children 1-6 Years 2.5ml x BD Children >6 Years 5ml x BD	5 -7 Days	Cough/Cold
Syp. Kestine (Ebastine)	>6 years old 5mg/day OD	5mg/5ml	allergic rhinitis and chronic idiopathic urticaria.
Syp. Jardin D (desloratidine)	>6months -2 years 1mg/day 2 years upto 5 mg/day	0.5mg/ml	allergic rhinitis and nasal congestion
Syp. Osiris/Zincat/DiaZinc (zinc sulphate)	<6 months – 2.5ml OD >6months – 5mlOD	20mg/5ml 10-14Days	URTI/LRTI Diarrhoea/Vomiting
Syp. Sedil (cetirizine)	2.5-5mg BD >6 months old	5mg/5ml	Allergy, Runny nose, sneezing
Syp. Neosedil (levocetirizine)	2.5mg BD -5mg OD >6 months old	5mg/5ml	Allergy, Runny nose, sneezing
Syp. Britanyl	0.05 – 0.15mg/kg x 8hourly	0.3mg/5ml	Mucolytic
Xynosine Nasal Drops Drops Xlomet Spray Xlomet (Xylometazoline)	1 Drop B/L x TDS >6 years old	15ml Drops/inhaler	Nasal Congestion Ocular Congestion
Syp. Acefyl (Acefylline) (Xanthine Class Stimulator)	10mg/kg/dose x TDS >3 Months Age	125mg/5ml	Bronchitis/ Bronchial Asthma/Cough with Sputum
Montika/Freehale (Montelukast)	<i>6 months – 5 years</i> 4mg x PO x H/S <i>6 – 14 Years</i> 5mg x PO x H/S <i>>15 Years</i> 10mg x PO x H/S	Sachet 5mg Chewable Tablet 5mg/4mg Tablet 10mg	Asthma
Syp. Combinol Juior Syp. Coldrex	>6 Years 1TSF TDS		Cough Suppression

Analgesics / Antipyretics

Drugs	Dosage	Formulations	I / CI
Drops Panadol Syp. Panadol Syp. Calpol Syp. Calpol 6+ (Paracetamol)	15mg/kg/dose (4-6Hourly)	80mg/2.5ml (1 Dropper = 0.8ml) 160mg/5ml 120mg/5ml 250mg/5ml	Fever, Mild Pain
Syp.Brufen Syp. Brufen DS (Ibuprofen)	10-15mg/kg/dose (4-6Hourly)	100mg/5ml 200mg/5ml	Fever/mild pain
Syp. Tercica (Dexibuprofen)	10mg/kg/dose	100mg/5ml	Fever/mild pain
Ketorolac	0.5mg/kg/dose	2-16 Years 4-6 hourly	3-5 Days Max
Tab. Aspirin	>16 Years	10-15mg/kg/dose 80mg/kg/day - Kawasaks	
Tab. Sumatriptan	25-50mg / Day	25mg/50mg/100mg	Migraine

Anti-fungals

Drugs	dosage	Formulations	I / CI
Syp. Diflucan (Fluconazole)	12mg/kg/day Loading=25mg/kg	50mg/5ml Capsule.100mg,200mg	Fungal infection
Nilstat Drops (Nystatin)	1 lac units x 8hourly (5-7 Days)	1 lac IU/ml (20 drops)	Oral candidiasis
Cream Dermosporin, Dermosporin-B (Clotrimazole)	Apply 8 hourly		Topical fungal infections
Cream Daktrin (Miconazole)	Apply 8 hourly		Topical fungal infections
Cream Travocort (isoconazole nitrate, diflucortolone valerate)	Apply 8 hourly		Topical fungal infections
Amphotericin B	0.5-1mg/kg/day OD		

Topical Ointments

Drugs	dosage	Formulatons	I / ci
Cream Hydrazole (Hydrocortisone + clotrimazole) Cream Aquazole	Cream Betacin Plus (Nystatin + neomycin + betamethasone)	Cream Betnovate N (Neomycin + Betamethasone)	Cream Polyfax (Bacitracin, Polymyxin-B) Cream Polyfax Plus *Lignocaine
Cream Rashnil (Benzylkonium+Zinc Oxide)	Cream Kenacomb (nystatin, gramicidin, neomycin, triamcinolone)	Lotion Scabion (lindane + sulphur) >2 Years	Lotion Lotrix (permethrin) >2months
Tab. Ivermectin 200 mcg/kg Single Dose	Cream Provate-G (betamethasone, Gentamicin)		

Multivitamins

Mutliviitamins Drops. Vidaylin Syp. Vidalyin L Syp. Vidalyin M Tab. Vidalyin T Syp. Multibionta M 1 year ¼ dropper 1-2 years ½ dropper >2 years 1 dropper OD	Vitamin B complex + Iron Syrup Iberet 500 Syp. Lederplex Syp. Maltofer Iron = 3-6mg/kg/day IM = 100mcg/24hr for 10 Days	Vitamin E ORA – E 1 Drop x OD	Vitamin – D Ora- A D- Max 1 Drop x OD 6lac IU x I/M
Vitamin A ORA – A A-Max Stat Dose- <6months - 80,000 6months – 1 year 1 lac >1 years - 2 lac IU Maintenance 1 Drop x OD = 2100 IU	Vitamin C Drops Cecon 100mg/ml 1-3years 15mg 4-8 years 25mg 9-13 years 45mg (100-300mg/24hrs) OD for 2 weeks	Calcium Qalsan Junior Sachet Calcee 500 Syp. Calcium P 1 TSF x OD 700-1300mg/day	

EYE

Drugs	Dosage	Formulations/Duration	Indications
Drops Histazolin (na chromoglycoate, tetrhydrozoline)	1 Drop x TDS	2 weeks	Viral Conjunctivitis
Drops Rocip (ciprofloxacin)	1 Drop x TDS	14 days	Bacterial Conjunctivitis
Drops Tobrex (Tobramycin)	1 Drop x TDS	5 Days	
Drops Nebra (Tobramycin)	1 Drop x TDS	5 Days	
Drops Xepat (oloptadine)	1 Drop x TDS		Allergic conjunctivitis
Drops FML (fluorometholone)	1 drop x TDS		Corticosteroid
Drops Fendic S (Diclofenac Na) Drops Torolac (Ketorolac)	1 drop x TDS		Pain Mx
Drops Moxicin	1 drop x TDS	5-7 Days	Bacterial Conjunctivitis

EAR

Drugs	Dosage/Duration	Indication
Drops Otosporin (Hydrocortisone, polymyxn b, neomycin)	2 + 2 + 2 + 2	
Drops Otocain (Lignocaine + Polymyxin B)	Drops Ofloxacin (Ofloxacin)	Drops Cipotic Drops Cipocain (Ciporfloxacin)
Drops Otogen (Gentamicin)	Drops Waxaid (Glycerine)	

ANTI-MALARIALS

Syp. Arceva Syp.Arceva D/S (Artemether + Lumefantrine)	15/90mg/5ml 30/180mg/5ml OD x 3Days	<u>1.2mg/kg</u> Arceva D/S 1-10kg – 5ml 11-15kg-8.5ml 15-20kg-12ml
<u>Neb. Atem</u> <u>Neb. Salbutamol</u> <u>(>2months)</u>	<6month 0.2cc 6-12months 0.5cc >1year 1cc	+2cc N/S (Neb with Hypertonic saline in Brochiolitis)
<u>Neb. Adrenaline</u>	3 Vials x stat For Croup	
<u>Neb. 3% Hypertonic</u>	Bronchiolitis	

MISC.

Inj. Glucagon	0.5mg/dose	Antidote for B-Blockers/CCBs Low BSR
Rivotril Drops (clonazepam)		
Inj. Dormicum (Midazolam)	1ug/kg/min	
Tab. Amlodipine	0.1mg/kg/dose Max 5mg	
Inj. Streptomycin	30mg/kg/day OD x IM	
Tab. Viagra		P. HTN
Syp. Citralka Syp. Citrosoda	1 TSF x BD >8 Years	UTI
Tab. Tofranil	6-8 Years 25mg x H/S 8-12 Years 50mg	Nocturnal Enuresis

IV/IM Drugs	Dosage	Formulations
Inj. Diazepam (IV)	0.2mg/kg/dose	Max 10mg/dose >5 years Max 5mg/dose <5 Years
Inj. Gravinate (IM)	0.5-1mg/kg/dose	
Inj. Onset (IM/IV)	0.1-0.2mg/kg/dose IV diluted in 20cc N/S	
Inj. Avil	0.1mg/kg/dose	
Inj. Solu-cortef/Hycortisone	10mg/kg/dose	
Inj. Dexamethasone	0.5-2mg/kg/day	6 doses, 8h x IV
Inj. Zantac	2mg/kg/dose	
Inj. Phenytoin	15mg/kg/dose = Loading, 5-10 mg/kg x BD = Maintenance	
Inj. Adrenaline (1 in 10,000)	0.1mg/kg/dose S/C , I/V	Max. 1mg
Inj. Dicloran	0.75mg/kg/dose	IM
Inj. Nospa	0.5-1mg/kg/day	IM
Inj. Omeprazole	1mg – 3mg/kg/dose <20kg wt 10mg/10kg/day >20kg wt >2 Years	
Inj. Lasix	1mg/kg/dose	
Inj. Aclova	>12 years 30mg/kg/day 8 hourly 3M-12 Years 60mg/kg/day 8 hourly	14-21 Days
Inj. Lerace	10mg/kg/day	40mg/kg/day Max
Inj. Dopa/Dobutamine	5-20mcg (0.0005-0.20mg/kg)	
Inj. Flagyl	30mg/kg/day	
Whole Blood/Packed Cells FFPs/Platelets	10ml/kg/transfusion *Mid Transfuion Lasix in children	
Inj. Paracetamol	1ml/kg/dose	
Inj. Mannitol	0.7ml/kg/dose	0.5-1 Stat 0.25-0.5kg/dose maintenance
Inj. Naloxone	0.1mg/kg	Every 15 minutes Repeated 3-4 times
Tab. Acetazolamide	5mg/kg/dose x OD	
Human Albumin 20 %	1g/kg/dose in N/S over 2-4 Hours	
Inj. Ca-Gluconate	200-500mg/kg/day 6hourly	

IV/IM ANTIBIOTICS

Drugs	Dosage	Remarks
Inj. Cefotaxime 1 st Line	100mg/kg/day x BD 200mg/kg/day (meningitic)	Max 12gm/day
Inj. Amikacin 1 st	15mg/kg/day x OD <7 Days BD > 7 Days	
Inj. Meronem 2 nd	60mg/kg/day x TDS 100mg/kg/day(Meningitic)	
Inj. Vancomycin 2 nd	45mg/kg/day x TDS 60mg/kg/day(Meningitic)	
Inj. Tanzo 3 rd	90mg/kg/dose x TDS	
Inj. Ciprofloxacin 3 rd	15mg/kg/day x BD	
Inj. Linezolid 4 th	10mg/kg/dose x TDS	
Inj. Ampicillin 4 th	100mg/kg/day x BD	
Inj. Cefiprome 4 th	100mg/kg/day x BD	
Inj. Ceftriaxone >3 months Age 1 st line	50mg/kg/day Pneumonia 75mg/kg/day Enteric Fever 100mg/kg/day Meningitis	If >1g divided in BD
Inj. Aminophylline <34 Weeks	Stat-6mg/kg/dose 3mg/kg/day x BD	
Inj. Leflox	10mg/kg/dose <5 Years 12 hourly >5 Years -24 Hourly	
Inj Aminovil	15mg/kg/day OD If NPO start on 3 rd day	
Inj. Flagyl	30mg/kg/day x TDS	

FLUIDS

<u>Inj. R/L</u> <1 year 30ml/kg – 1 hour 70ml/kg – 5 Hours	<u>Neonatal Fluid Req.</u>		
		<u>D1</u>	10% D/W
>1 Year 30ml/kg – 30 minutes 70ml/kg – 2.5 Hours	<u>D2</u>	10 % D/W + N/5	
	<u>D3</u>	10 % D/W + N/5 + 1cc KCL + 2cc Ca. Gluconate	
<u>Inj. N/S or Paedes Soln.</u>	<u>TERM</u>	<u>Preterm</u>	
<10kg Wt. – 100ml/kg/day	<u>D1</u>	60ml	80ml
10-20Kg Wt. – 1000ml + 50ml/every kg over 10/day	<u>D2</u>	80ml	100ml
	<u>D3</u>	100ml	120ml
>20kg Wt - 1500ml + 20ml/every kg over 20/day	<u>D4</u>	120ml/kg/day	140ml/kg/day
	<u>D5</u>	140ml/kg/day	160ml/kg/day
2cc KCL/100ml	<u>D6</u>	160ml/kg/day	160ml/kg/day

Max. Fluid in neonate upto 160ml/kg/day, Add 20ml/kg/day if on phototherapy or persistent vomiting or persistent diarrhea, give 30% fluids if phototherapy needed and baby on phototherapy

- ORS therapy only in > 4 months old
- Age <1Year / <10Kg **Fluid of Choice** = N/5 + 5% D/W
- Age >1Year / >10Kg **Fluid of Choice** = N/2 + 5% D/W
- **Low Osmolar Sachet** for Chronic Diarrhoea/<4 Months Age