

**Inland Empire Health Plan
Pediatric Anti-Infective Therapy Guide**

Infection	Pathogens*†	1st Line	2nd line	3rd Line
Skin/Impetigo	Staph. a., StrepA	Dicloxacillin 12-25mg/kg/day QID Suspected MRSA infection: TMP/SMX (8-10mg/kg/day TMP) BID X 14 days Treatment should be decided according to the susceptibility test.	Cephalexin 25-50mg/kg/day QID Suspected MRSA infection: Clindamycin (10-30mg/kg/day) QID X 14 days Treatment should be decided according to the susceptibility test.	Azithromycin 12mg/kg/day QD X 5 days
Skin-bite wound	Staph. a., StrepA, Past. mult., Anaer.	Amoxil/Clauv. acid 40mg/kg/day BID or TID	TMP/SMX 8-12mg TMP/kg/day + clindamycin 10-30mg/kg/day BID	
Sinusitis-Acute	Pneum., H. flu, Mor. cat., StrepA, viral	Reserve antibiotics for patients given decongestants/analgesics for 7 days who have 1) maxillary/facial pain & 2) purulent, nasal discharge; if severe illness (pain, fever), treat sooner	For mild/ moderate disease, no antibiotics taken in the prior month and/or DRSP** prevalence <30%: Amoxicillin 90mg/kg/day BID or TID Or Amoxil/Clauv. acid 90mg/kg/day amox component BID	For mild/ moderate disease, antibiotics taken in the prior month and/or DRSP** prevalence >30%: Amoxil/Clauv. acid 90mg/kg/day BID or TID
Tonsillitis/ Pharyngitis	StrepA, viral	Penicillin VK 25-50mg/kg/day QID	Erythromycin 40mg/kg/day QID	Azithromycin 12mg/kg/day QD X 5 days
Otitis Media-Acute	Pneum., H. flu, StrepA, Staph. a., GNRs, viral	If no antibiotics taken in prior month: Amoxicillin 80-90mg/kg/day TID Or if DRSP** is suspected, Amoxicillin 80-90mg/kg/day	Received antibiotics in prior month: Amoxicillin 80-90mg/kg/day Or Amoxicillin and Clavulante/ 5ml 90mg/kg/day amox component BID	Cefdinir 7 mg/kg Q12 H or 14 mg/kg QD
Otitis Media-	Pneum., H. flu,	Antibiotics failed	Cefdinir 7mg/kg Q12h	Ceftriaxone

Unresponsive to initial regimen	StrepA, Staph. a., GNRs, viral	after 3 days of treatment (lack of clinical improvement – ear pain, fever and tympanic membrane findings of redness, bulging or otorrhea): Amoxil/Clauv. acid 80-90 mg/kg/day BID	or 14mg/kg QD Or Cefuroxime 30mg/kg/day BID	50mg/kg IM QD X 3 days
Bronchitis	Viral, StrepA, H. flu	No abx Treat symptoms; Take patient's temperature	If pneumonia is present, start antibiotics. (See Pneumonia – Community)	
Pneumonia - Community	Viral, Pneum., Mycoplasma, Chlamydia	Erythromycin 40mg/kg/day QID	Clarithromycin 15mg/kg/day BID Or Azithromycin 12mg/kg/day QD X 5 days	
Whooping Cough	Bord. pert.	Erythromycin 40mg/kg/day QID	Clarithromycin 15mg/kg/day BID Or Azithromycin 12mg/kg/day X 5 days	
UTI- Uncomplicated	GNRs, Ent.	TMP/SMX 6-12mg TMP/kg/day BID	Nitrofurantoin 5-7 mg/kg/day Q6H	
Lice	Ped. cap.	Nix (1% permethrin) cream rinse X 1 re-treat one week later	Malathion (Ovide) as directed re-treat 7-9 days later if needed	Ivermectin (Stromectol) 200mcg/kg x 1 dose and second dose after 10 days
Scabies	Sarc. scab.	Elimite (permethrin 5%) cream X 1	Ivermectin 200mcg / kg po X 1	
Pinworm	Ent. verm.	Albendazole 400mg po Q2 Weeks X 2 Or Mebendazole 100mg po Q2 Weeks X 2	Pyrantel 11 mg/kg/dose (up to 1g) po Q2 Weeks X 2	

*Anaer. = Anaerobes, Bord. pert. = Bordetella pertussis, Ent. =Enterococcus sp., Ent. verm. =Enterobius Vermicularis, GNR =Gram-negative rods, H. flu = Hemophilus inf., Mor. cat. =Moraxella catarrhalis, Myco. pneum. =Mycoplasma pneumoniae, Ped. cap. =Pediculosis capitis, Past. mult. =Pasteurella multocida, Pneum.. =Strep. Pneumoniae, Staph. a. =Staph. aureus, Ssca =Sarcoptes scabiei, StrepA =Group A Streptococcus, V. zoster =Varicella zoster

**DRSP = Drug Resistant Streptococcus pneumoniae

†Viruses included