

Indication	Drug	Dose/frequency	Max dose	Duration of therapy
Group A Strep Pharyngitis				
1 st Line	Amoxicillin	50 mg/kg QD or 25 mg/kg BID	1000 mg/day	10 days
	Penicillin VK	<27 kg: 250 mg PO BID-TID ≥27 kg: 500 mg PO BID	2 grams/day	
2 nd Line/ Penicillin Allergy	Clindamycin	7 mg/kg/dose PO TID	300 mg/dose	10 days
	Azithromycin	12 mg/kg/day PO daily	500 mg/day	5 days
Acute Otitis Media				
Vacation/ 1 st Line	Amoxicillin	80-90 mg/kg/day PO BID	4 grams/day	10 days
Penicillin Allergy	Cefidnir	14 mg/kg/day PO BID	600 mg/day	10 days
	Cefuroxime	30 mg/kg/day PO BID	1500 mg/dose	
Amoxicillin use in the last 30 days	Amoxicillin-clavulanate	90 mg/kg/day PO BID	4 grams/day	10 days
Failure to amoxicillin therapy	Ceftriaxone	50 mg/kg/day IV daily	2 grams/day	3 days
Recurrent infection unresponsive to amoxicillin				
Concurrent purulent conjunctivitis				
2 nd line	Ceftriaxone + Clindamycin	50 mg/kg/day IV daily + 30-40 mg/kg/day PO TID	2 grams/day + 300 mg/dose	10 days

Community-Acquired Pneumonia				
1 st Line	Amoxicillin	90mg/kg/day PO BID	4 grams/day	10 days
	Ampicillin	150- 200 mg/kg/day IV Q6 hours	4 grams/day	
Children > 5 years old Cannot rule out atypical pneumonia	Azithromycin	10 mg/kg PO day 1, followed by 5 mg/kg/day daily days 2-5	500 mg on day 1 250 mg on days 2-5	5 days
2 nd Line/ Penicillin Allergy	Cefidnir	14 mg/kg/day PO BID	600 mg/day	10 days
	Cefuroxime	30mg/kg/day PO BID	1500 mg/dose	
	Ceftriaxone	50 mg/kg/day IV daily	2 grams/day	
Acute Rhinosinusitis				
1 st Line	Amoxicillin-clavulanate	90mg/kg/day PO BID	4 grams/day	10 to 14 days
	Ampicillin-sulbactam	200-400mg/kg/day IV Q6 hours	4 grams/day	
2 nd Line/ Penicillin Allergy	Clindamycin	30-40 mg/kg/day PO TID	300 mg/dose	
	Cefixime	8 mg/kg/day PO BID	400 mg/day	
	Cefpodoxime	10 mg/kg/day PO BID	200 mg/dose	
	Ceftriaxone	50 mg/kg/day IV Q12 hours	2 grams/day	
	Cefotaxime	100-200 mg/kg/day IV Q6 hours	2 grams/day	
2 nd Line/ Penicillin Allergy Risk for antibiotic resistance (daycare attendance, age <2 years, recent hospitalization, antibiotic use within the past month)	Levofloxacin	10-20 mg/kg/day IV Q 12-24 hours	500 mg/day	

<u>Urinary Tract Infection</u>				
1 st Line	Cephalexin	50-100 mg/kg/day PO QID	2 grams/day	7 to 14 days
	Ceftriaxone	50 mg/kg/dose IV daily	2 grams/day	7 to 14 days
	Trimethoprim-Sulfamethoxazole	6-12 mg/kg of trimethoprim PO daily	160 mg/dose of trimethoprim	<2 years: 7 to 14 days ≥2 years old: 3 to 7 days
<u>Skin and Soft Tissue Infection</u>				
Impetigo (bullous or non-bullous)	Mupirocin ointment	BID	-	5 days
Ecthyma (localized erythema)				
Impetigo (multiple lesions, outbreak, immunocompromised)	Cephalexin	25-50 mg/kg/day PO q6 hours	2 grams/day	5 to 7 days
	Penicillin VK	25-50 mg/kg/day IV q8 hours	2 grams/day	
	Clindamycin	30-40 mg/kg/day PO q8 hours	300 mg/dose	
	Trimethoprim-Sulfamethoxazole	6-12 mg/kg/day of trimethoprim PO BID	160 mg/dose of trimethoprim	
Ecthyma (extensive)				
Cellulitis (mild, non-purulent)				
Cellulitis (moderate, non-purulent)	Nafcillin	100-150 mg/kg/day IV q6 hours	12 grams/day	7 days
	Cefazolin	50-100 mg/kg/day IV q8hours	1000 mg/dose	
	Clindamycin	40 mg/kg/day IV/PO q8 hours	300 mg/dose	
Cellulitis (severe, non-purulent) Necrotizing infection	Vancomycin	60 mg/kg/day IV q6 hours	4 grams/day	7 to 14 days OR 48 to 72 hours after definitive debridement
	Piperacillin-tazobactam	60-75 mg/kg/day IV q6hours	16 grams/day	
	Clindamycin	40 mg/kg/day IV q8 hours	300 mg/dose	
	Ampicillin-sulbactam	800 mg/kg/day IV Q6 hours	4 grams/day	

	Levofloxacin	10-20 mg/kg/day IV daily	500 mg/day	t and patient remains afebrile
Abscess (moderate, >5cm in size)	Trimethoprim-Sulfamethoxazole	8-12 mg/kg/day of trimethoprim PO BID	160 mg/dose of trimethoprim	5 days
	Doxycycline	4 mg/kg/day PO BID	100 mg/dose	
<u>Periorbital Cellulitis</u>				
1 st Line	Amoxicillin-clavulanate	90mg/kg/day PO BID	4 grams/day	7 to 10 days
	Ampicillin-sulbactam	200-400mg/kg/day IV Q6 hours	4 grams/day	
2 nd Line/ Penicillin Allergy	Clindamycin	30-40 mg/kg/day IV q8 hours	300 mg/dose	7 to 10 days
<u>Orbital Cellulitis</u>				
1 st Line	Vancomycin	60 mg/kg/day IV q6 hours	4 grams/day	10 to 14 days
	Ceftriaxone	50 mg/kg/dose IV daily	2 grams/day	
	Ampicillin-sulbactam	200-400mg/kg/day IV Q6 hours	4 grams/day	
<u>Peritonsillar Abscess</u>				
1 st Line	Amoxicillin-clavulanate	45 mg/kg/day PO BID	875 mg/dose	7 to 10 days
	Ampicillin-sulbactam	200-400mg/kg/day IV Q6 hours	4 grams/day	
2 nd Line/ Penicillin Allergy	Clindamycin	30-40 mg/kg/day PO/IV q8 hours	300 mg/dose	7 to 10 days