

# ANMC Group A Streptococcal Pharyngitis (GAS) Treatment Guidelines 2017

(treatment for Group C & G are the same recommendations)

Symptoms	Physical Exam	Viral Features
Abrupt onset of sore throat Headache Myalgia Occasionally nausea/vomiting/abdominal pain followed by spontaneous resolution in 2-5 days	Patchy tonsillopharyngeal exudate Anterior cervical adenitis (tender nodes) Tonsillopharyngeal inflammation Fever >100.4 F Palatal Petechia Scarlatiniform rash	Conjunctivitis Rhinorrhea Coryza Cough Oral ulcers Hoarseness Viral exanthema Diarrhea

Test	Treat	Symptomatic Relief
Rapid Diagnostic Test (RADT) ----- Throat Culture (age 3-15 only) ----- Symptoms highly indicative of GAS  <b><i>**It is not recommended to test for GAS under the age of 3</i></b>	RADT positive (no back up culture needed) ----- Throat culture positive ----- Known exposure 2 weeks prior to symptom onset  <b><i>**See Attached Testing &amp; Treatment Flow Diagram</i></b>	Rest Adequate fluid intake Anti-pyretics (no ASA under age 2) Magic mouthwash Medicated throat lozenges/sprays ( <i>not recommended in children/adolescents</i> ) > <u>6yrs of age</u> : gargle with warm salt water > <u>3yrs of age</u> : sucking on hard candy

## Antibiotic Selection

	Adults	Duration	Pediatrics	Duration
<b>Preferred Treatment</b>	<b>Pen VK 500mg</b> PO BID <b>Amoxicillin 1000mg</b> PO daily <b>OR 500mg</b> PO BID <b>Penicillin G Benzathine</b> (>27kg) single IM dose 1.2 million units	10 days 10 days 1 dose	<b>Pen VK 250mg</b> PO BID (>27kg 500mg BID) <b>Amoxicillin</b> 50mg/kg PO daily (MAX 1gm/day) <b>Penicillin G Benzathine</b> (<27kg) single IM dose 600,000 units	10 days 10 days 1 dose
<b>PCN allergic</b> (non-anaphylactic response)	<b>Cephalexin 500mg</b> PO BID	10 days	<b>Cephalexin:</b> Infant/Child 20mg/kg/dose PO BID (MAX 500mg/dose)	10 days
<b>PCN allergic</b> (anaphylactic response)	<b>Azithromycin</b> (≥16 yrs of age) <b>500mg</b> on day one, <b>250mg</b> PO on days 2-5 <b>Clindamycin 300mg</b> PO TID	5 days 10 days	<b>Azithromycin</b> (2-15 years of age) 12mg/kg PO once daily (MAX 500mg/dose) <b>Clindamycin</b> 7mg/kg /dose PO TID (MAX 300mg/dose)	3 days 10 days

## CONSIDERATIONS

<p><b>Glucocorticoids:</b> No evidence of benefit in children/adolescents; short term dose may be beneficial in adults</p> <ul style="list-style-type: none"> <li>▪ Testing for GAS is NOT recommended for acute pharyngitis with clinical &amp; epidemiologic features that strongly suggest a VIRAL etiology</li> <li>▪ Routine use of back up throat cultures for those with a negative RADT is NOT necessary for adults; there is a low incidence of GAS pharyngitis in adults &amp; risk of subsequent acute rheumatic fever is exceptionally low</li> <li>▪ Individual will be contagious for 24 hours after starting antibiotic tx</li> <li>▪ Treatment for non-symptomatic GAS carriers is NOT recommended; Testing or empiric tx of asymptomatic household contacts is NOT recommended</li> </ul> <p style="text-align: right;"><i>Antimicrobial Stewardship Program Approved 2017</i></p>
---

