Indication for Testing:
Do any of the following criteria exist?

- Absence of cough
- Swollen and tender anterior cervical nodes
- Temperature >100.4°F (38°C)
- Tonsillar exudates or swelling
- 5-15 years of age
- Recent exposure to individual with GAS pharyngitis

Laboratory Testing:

1. Perform rapid testing for Group A streptococcal pharyngitis (if available)
   OR
2. Group A DNA Probe test (GADNA)

Treatment Recommendations:

**IDSA Treatment Recommendations:**
- Treatment duration: 10 days
- First line: Penicillin or amoxicillin
- Penicillin-allergic:
  - First generation cephalosporin (cephalexin)
  - Clindamycin
  - Clarithromycin
  - Azithromycin (5 day treatment duration)

Differential Diagnosis:
- Symptoms are most characteristic of a viral infection. Symptomatic therapy recommended. For testing recommendations, review the following algorithm:
  - Pediatric Patient with Influenza-Like Illness

If the following clinical features exist:

- Fever (>37.8°C or 100°F)
- Rhinorrhea
- Cough
- Sore throat

Positive

Order a GADNA test (24h TAT)

Key: Group A streptococcal (GAS); Rapid Antigen Detection Test (RADT); Group A DNA Probe test (GADNA)

References: