ACOEP FOEM
Clinical Case Presentation

Presenter: Dr. Adam Sadowski, D.O., PGY2
Attending Physician Dr. Joseph Dougherty D.O.
Ohio Valley Medical Center
Initial Presentation

- 6 yr old female presented to a small rural level III emergency department.
- Initial chief complaint was for 4 days of sore throat and fever as high as 102F. This was associated with ear pain and mild cough.
- Treated with “over the counter” tylenol.
- Immunizations are up to date for age.
- No reported past medical, surgical, or significant social history reported.
- No reported allergies or home medications
- Review of systems negative except mentioned above.
- Patient was recently seen by her pediatrician and had a rapid strep screen that was negative.
Initial Presentation

- Physical Exam Findings:
  - Temperature 102.7, HR 112 bmp, BP 97/72
  - Awake, alert, and interactive with staff and parents.
  - No significant posterior pharyngeal erythema or tonsillar exudates.
  - Bilateral ear canals were patent with no tympanic membrane abnormalities.
  - No other noteworthy physical exam findings.

- Tests Ordered:
  - Pharynx was re-swabbed and she was given ibuprofen.

- Management:
  - Rapid strep screen came back negative and she was discharged home to follow with pediatrician within 2 days.
Second Presentation

- 6 days later the patient presents with reported worsening sore throat and swollen hard neck.

**Physical Exam:**

- Temp 101.6, HR 156bpm, BP 112/83, RR 20.
- Anterior neck is hard firm and full to palpation. Diffuse cervical lymphadenopathy was present.
- She was able to flex and extend her neck normally.
- No tonsillar exudates or erythema present on exam.
- Tympanic membranes are clear with patent canals bilaterally
Second Presentation

- Test Ordered:
  - Rapid strep screen and culture - negative
  - Mono-spot test - negative
  - CBC: WBC 19.1 K/uL
  - Chest and soft tissue of the neck were ordered
Second Presentation

- Management
  - Administered Dexamethasone and amoxicillin/clavulanate in the department.
  - Discharged to home with prescription for amoxicillin/clavulanate and prednisolone.
  - Told to follow with pediatrician in next several days
Third Presentation

- Several hours after previous discharge mom called and said the child started to vomit. Mom was told to bring her daughter back to the ED.

- Physical Exam
  - Upon presentation the child was clammy and diaphoretic. No other new physical exam findings.
  - Vitals: HR 58bpm, BP 123/61, Temp 97.9F, RR 16.
Third Presentation

- Test Ordered
  - CBC: WBC 21.1 K/uL
  - BMP within normal limits of assay.
  - Anti-streptolysin O blood test - result negative.
  - TSH undetectable
  - Free T4 2.29 NG/DL
  - CT of soft tissues of the neck.
End of Case Presentation