

### Objectives

- Recognize the role of patient history in diagnosing ear pain, wheezing in children, acute abdominal pain in adults and conditions of sinusitis
- Recall the algorithm for the diagnosis of ear pain
- List the common and uncommon causes for ear pain
- Differentiate the common causes of wheezing in children based upon the characteristic signs and symptoms
- Describe the physical and diagnostic testing used to determine the cause of wheezing in children
- Associate the most common causes of abdominal pain in adults with primary pain locations
- Explain the physical and diagnostic testing used to diagnosis the cause for adult abdominal pain including variations for special populations such as the female of childbearing age and the elderly or frail.
- Name the categories that characterize sinusitis and integrate the pathogenesis and contributing factors for acute and chronic forms
- Outline the diagnostic and treatment approach for acute and chronic sinusitis

### Content Outline

1. Diagnosis of Ear Pain
  - 1.1 History
  - 1.2 Physical examination
  - 1.3 Diagnostic tests
  - 1.4 Common and uncommon causes of ear pain
2. Diagnosis of Wheezing in Children
  - 2.1 Differential diagnosis
  - 2.2 Characteristic signs and symptoms
  - 2.3 Physical examination
  - 2.4 Diagnostic tests
3. Evaluation of Acute Abdominal Pain in Adults
  - 3.1 History
  - 3.2 Physical findings
  - 3.3 Differential diagnosis by location
  - 3.4 Diagnostic tests
    - 3.4.1 Special populations
4. Diagnosis and Management of Acute and Chronic Sinusitis
  - 4.1 Prevalence
  - 4.2 Anatomy
  - 4.3 Definitions
  - 4.4 Pathogenesis, physical findings and treatment
    - 4.4.1 acute sinusitis
    - 4.4.2 chronic sinusitis
  - 4.5 Diagnostic tests

### Reading Material Resources

This self assessment module is based on the resources listed below. A copy of each article is included with the module.

“Diagnosis of Ear Pain”, Ely, MD, John W., et al., [American Family Physician](#), Volume 77, No. 5, March 1, 2008, pp. 621-628

“The Diagnosis of Wheezing in Children”, Weiss, MD, Lisa, [American Family Physician](#), Volume 77, No. 8, April 15, 2008, pp. 1109-1114

“Evaluation of Acute Abdominal Pain in Adults”, Cartwright, MD, Sarah L., et al., [American Family Physician](#), Volume 77, No. 7, April 1, 2008, pp. 971-978

“The Diagnosis and Management of Acute and Chronic Sinusitis”, Leung, MD, Roxanne S., et al., [Primary Care: Clinics in Office Practice](#), No., 35, 2008, pp. 11-24