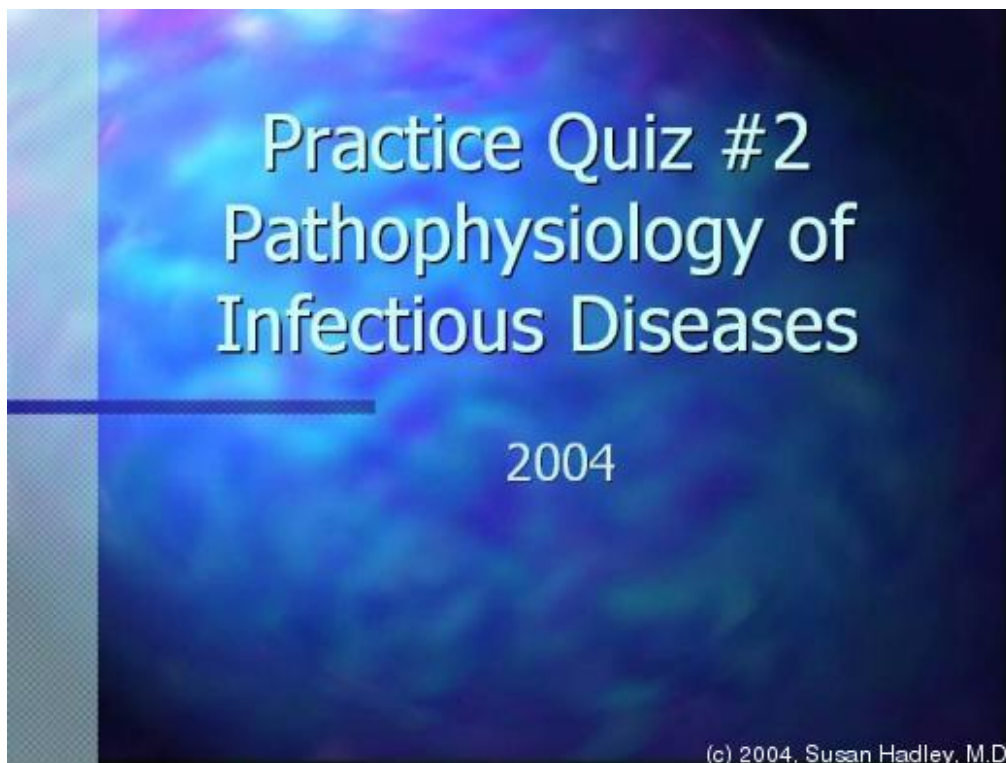


1. Practice Quiz #2 Pathophysiology of Infectious Diseases



2. Question 1 - An example of the therapeutic intervention with...

Question 1
An example of the therapeutic intervention with the greatest effect is:

- A. The introduction of antiviral medicines
- B. Hand washing before surgery
- C. Highly active antiretroviral therapy
- D. Vaccines

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3. Question 2 - Some complications of IE include all of the fol...

Question 2
Some complications of IE include all of the following except:

- A. Mycotic aneurysms
- B. Weight loss
- C. Hematuria
- D. Polyuria

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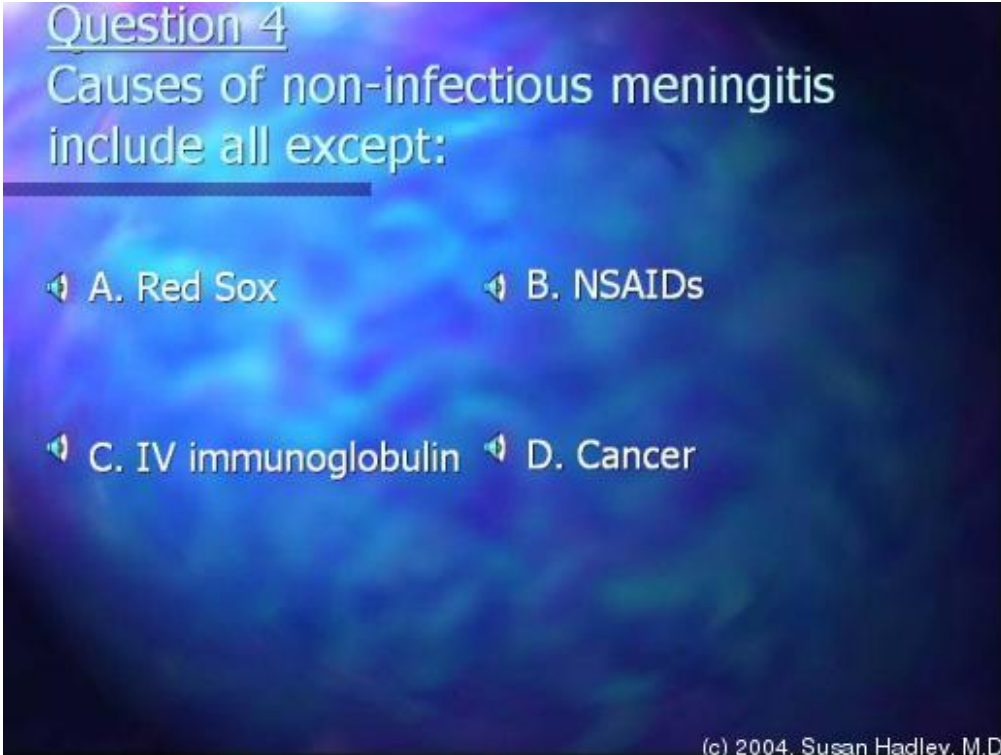
4. Question 3 - The CSF "Profile" is determined by all of the f...

Question 3
The CSF "Profile" is determined by all of the following except:

- A. CSF total white blood cell count
- B. CSF platelet count
- C. CSF WBC differential
- D. CSF glucose to peripheral serum glucose ratio

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5. Question 4 - Causes of non-infectious meningitis include all...

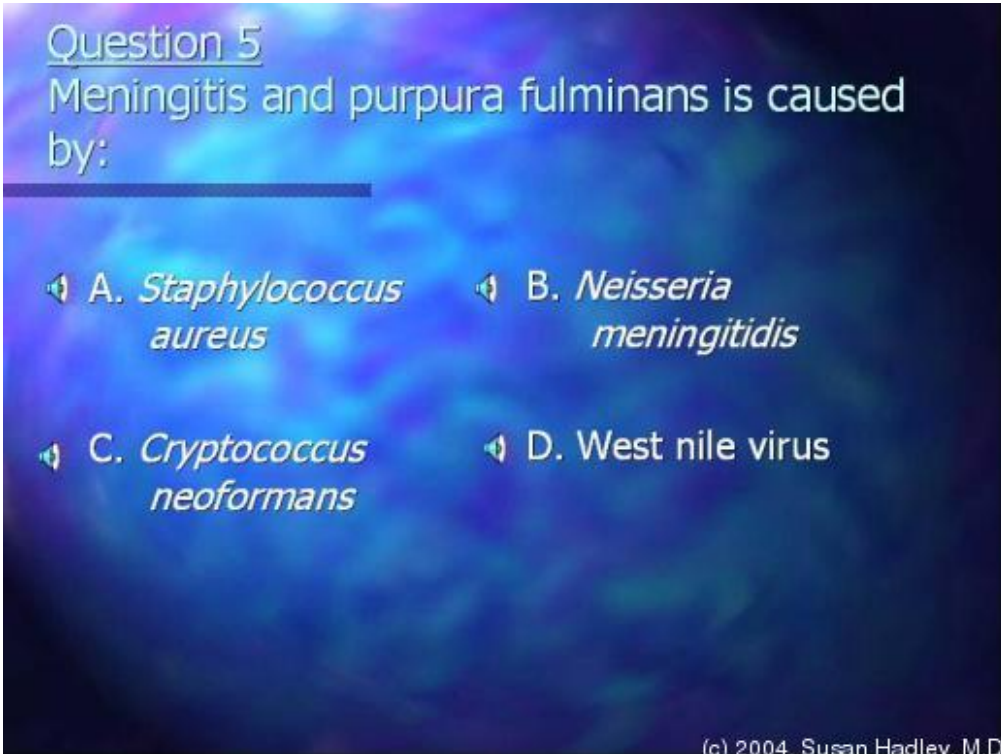


Question 4
Causes of non-infectious meningitis include all except:

- A. Red Sox
- B. NSAIDs
- C. IV immunoglobulin
- D. Cancer

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6. Question 5 - Meningitis and purpura fulminans is caused by:...

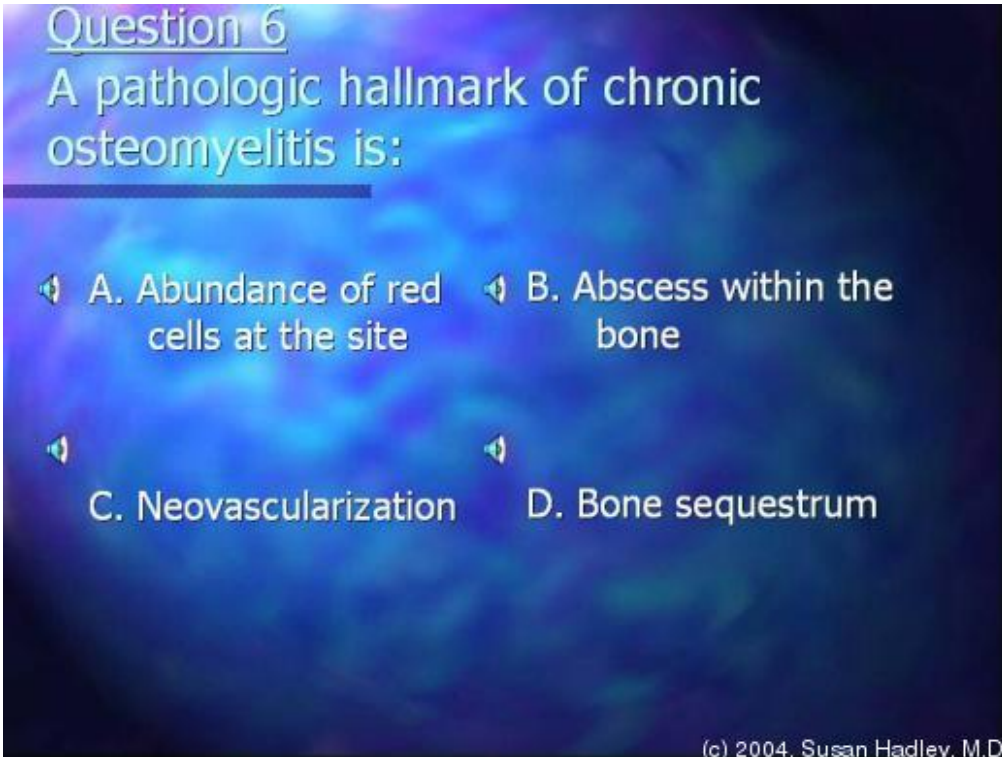


Question 5
Meningitis and purpura fulminans is caused by:

- A. *Staphylococcus aureus*
- B. *Neisseria meningitidis*
- C. *Cryptococcus neoformans*
- D. West Nile virus

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7. Question 6 - A pathologic hallmark of chronic osteomyelitis ...

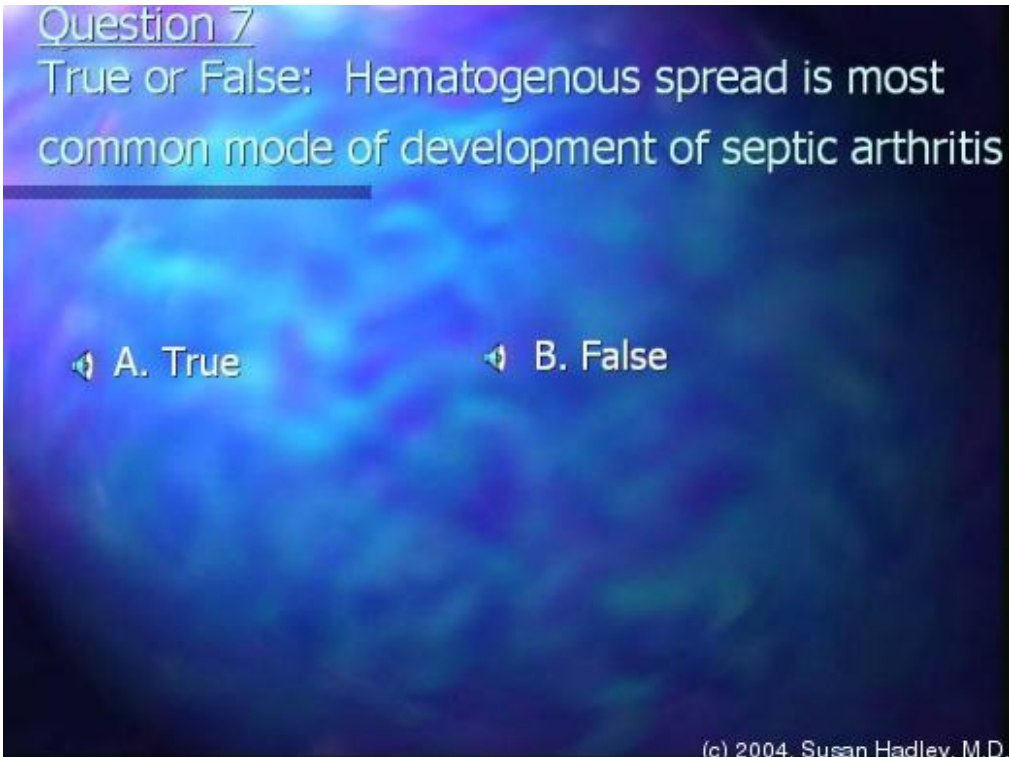


Question 6
A pathologic hallmark of chronic osteomyelitis is:

- A. Abundance of red cells at the site
- B. Abscess within the bone
- C. Neovascularization
- D. Bone sequestrum

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8. Question 7 - True or False: Hematogenous spread is most com...

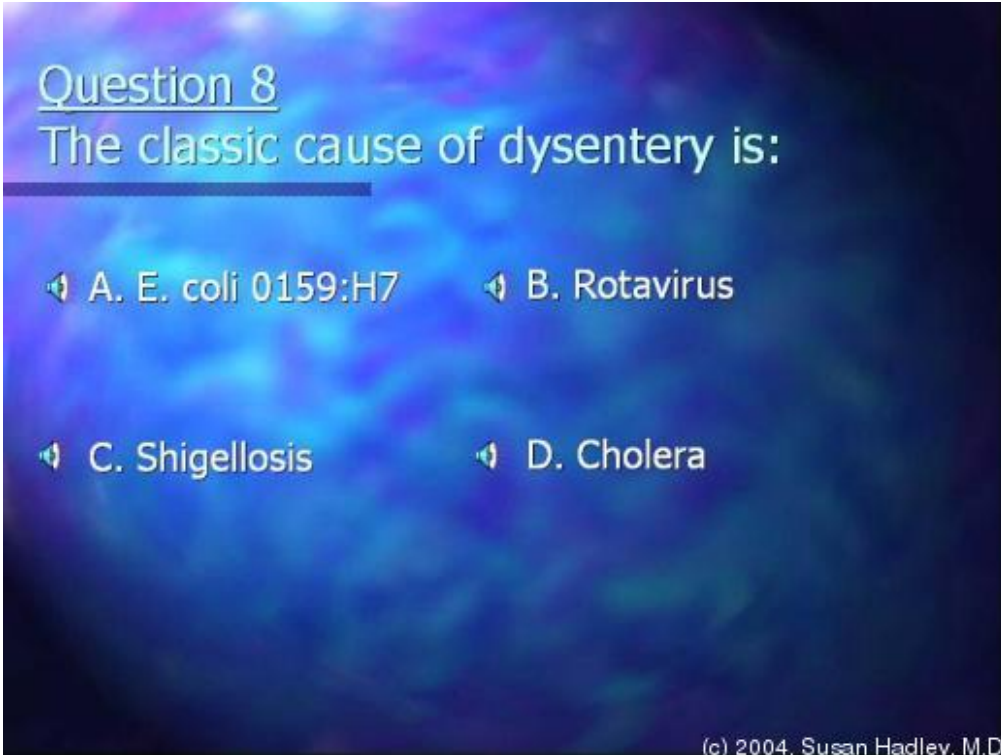


Question 7
True or False: Hematogenous spread is most common mode of development of septic arthritis

- A. True
- B. False

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9. Question 8 - The classic cause of dysentery is:

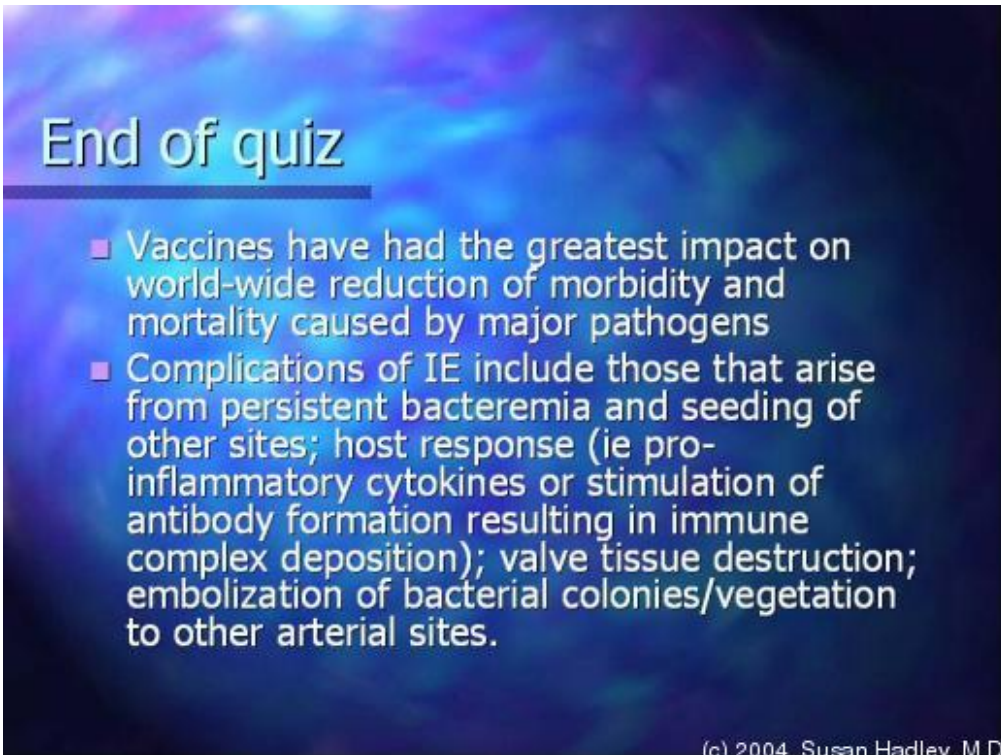


Question 8
The classic cause of dysentery is:

- A. E. coli 0159:H7
- B. Rotavirus
- C. Shigellosis
- D. Cholera

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10. End of quiz (1)



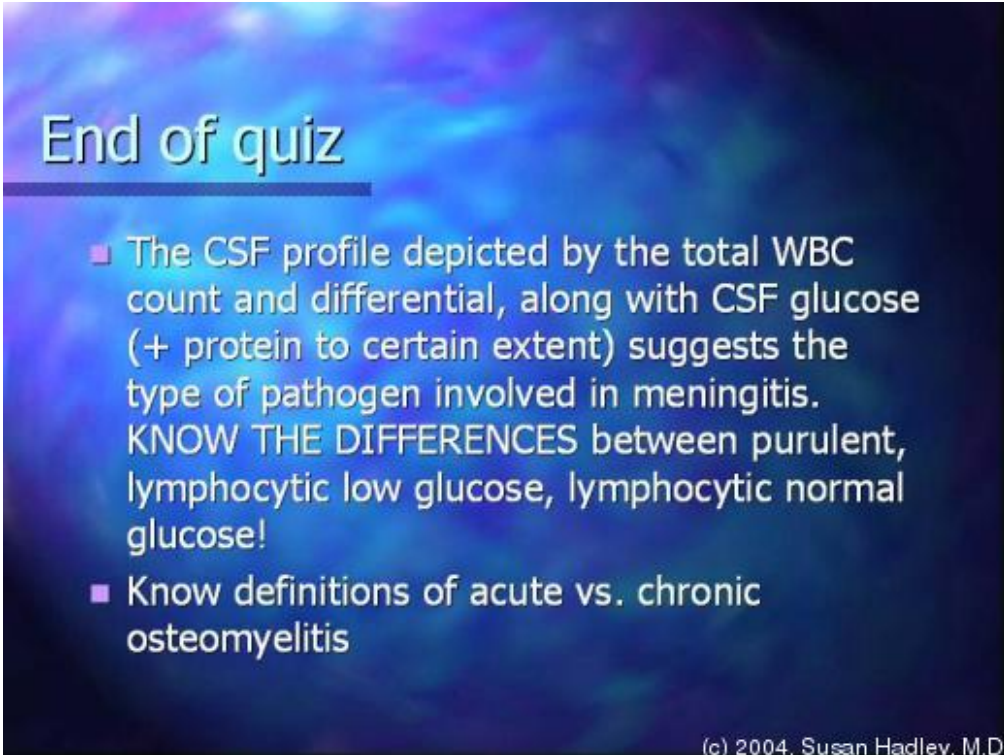
End of quiz

- Vaccines have had the greatest impact on world-wide reduction of morbidity and mortality caused by major pathogens
- Complications of IE include those that arise from persistent bacteremia and seeding of other sites; host response (ie pro-inflammatory cytokines or stimulation of antibody formation resulting in immune complex deposition); valve tissue destruction; embolization of bacterial colonies/vegetation to other arterial sites.

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11.

End of quiz (2)



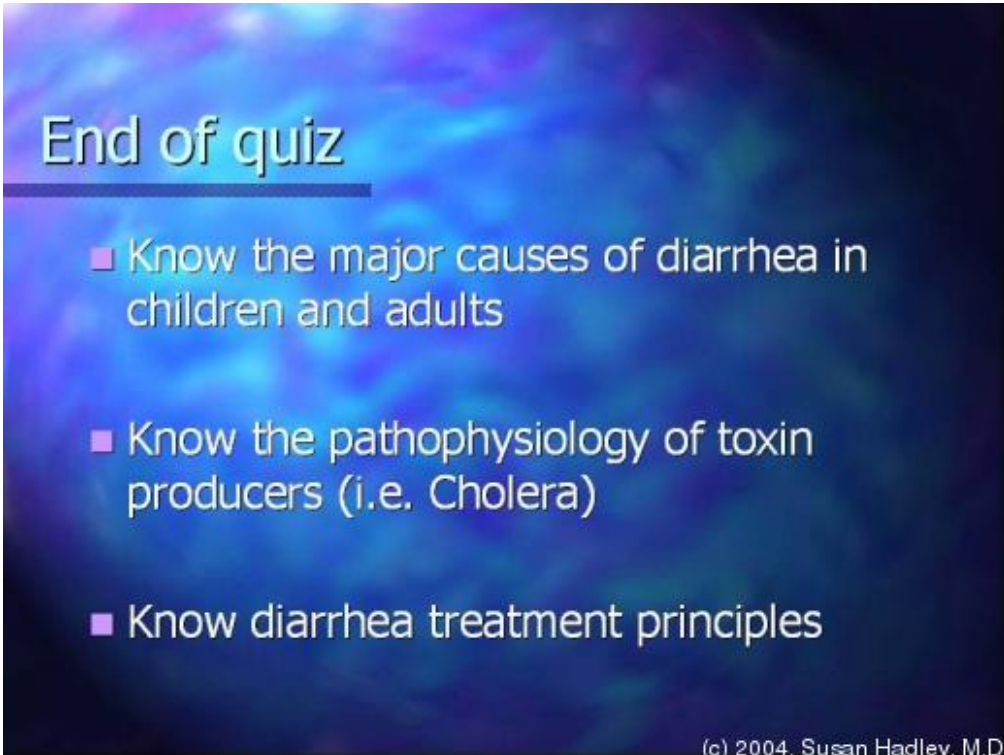
End of quiz

- The CSF profile depicted by the total WBC count and differential, along with CSF glucose (+ protein to certain extent) suggests the type of pathogen involved in meningitis. KNOW THE DIFFERENCES between purulent, lymphocytic low glucose, lymphocytic normal glucose!
- Know definitions of acute vs. chronic osteomyelitis

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12.

End of quiz (3)



End of quiz

- Know the major causes of diarrhea in children and adults
- Know the pathophysiology of toxin producers (i.e. Cholera)
- Know diarrhea treatment principles

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13.

Key



Key

- 1) D
- 2) D
- 3) B
- 4) A
- 5) B
- 6) D
- 7) A
- 8) C

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