

Independent Learning Assignment

NB Musculoskeletal & Child Respiratory

1. Cystic Fibrosis is characterized by several clinical features. How are the following systems affected? Name some major changes that may occur with the:
 - Pancreas- high incidence of diabetes, blockage of pancreatic ducts, thickened secretions, the pancreas is unable to produce enough digestive enzymes to properly digest food, inflammation and scarring can occur
 - GI system- decreased enzymes to digest fat, proteins, and carbohydrates; malnutrition, fatty stools; The GI system is slowed and bowel blockages can occur, allowing for bacteria to grow in the intestines.
 - Pulmonary system- thick secretions, emphysema, atelectasis, wheezing, dry non-productive cough, and secondary infections; The lungs become fibrotic and it is harder to take breaths while secretions are thickened.
 - Growth and Development- it is more difficult to grow d/t decreased absorption of nutrients. Children are also more prone to infections so they need to be careful of who they are around and avoid crowds.

2. Name the 3 degrees of Developmental Dysplasia of the Hip. What happens in each degree?:
 1. Acetabular dysplasia is when there is a shallow acetabulum.
 2. Subluxation is when there is a partially displaced head of the femur.
 3. Dislocation happens at the head of the femur.

3. Name the 3 stages of treatment for clubfoot:
 1. correction of deformity
 2. maintenance of correction
 3. f/u to prevent recurrence of deformity

Name that Croup Syndrome:

4. I am a nasty, toxic, emergency causing bacterial infection usually caused by H. Influenzae that causes my victims to have inflammation and obstruction of the airway, drooling, high fever and feel the need to sit in a tripod position for best breathing conditions:

Acute epiglottitis (Supraglottitis)_____

5. I cause my victims to wake up suddenly at night, recurrently, and cause stridor, a croupy cough, hoarseness, dyspnea and restlessness. Cool mist, humidified, cool air exposure is the treatment and I may not even cause my victim to need treatment at the hospital:

_Acute Laryngotracheobronchitis (LTB)_____