

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: changes in the pancreas include abnormal production of digestive enzymes within the pancreas. This can lead to scarring/ cysts that obstruct the ducts that secrete digestive enzymes, leading to pancreatic insufficiency.
 - GI system: They will have malnutrition, a decreased amount of enzymes to digest fat, proteins and carbohydrates, meconium ileus, loose, greasy stools, with chronic constipation.
 - Pulmonary system: In the Respiratory system, symptoms can include Thick secretions, emphysema, atelectasis, wheezing, dry non-productive cough with secondary infections
 - Growth and Development: CF can lead to poor weight gain, and growth. CF can prevent a child from absorbing all the nutrients it needs.

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

3. Name the 3 stages of treatment for clubfoot:
 - 3 stages of treatment for clubfoot include correction of the deformity, maintaining the correction, and follow-up to prevent the reoccurrence of the 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:

ANSWER: Epiglottitis

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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:

ANSWER: Acute Laryngotracheobronchitis