

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: thick secretions block the ducts leading to pancreatic fibrosis
 - GI system: weight loss, large/bulky/loose stools w foul smell, distended abdomen, deficiency of fat soluble vitamins
 - Pulmonary system: bronchioles become obstructed by secretions, which lead to bacterial colonization and destruction of lung tissue
 - Growth and Development: Growth failure

2. Name the 3 degrees of Developmental Dysplasia of the Hip. What happens in each degree?:

Acetabular: mildest, delay in acetabular development evidenced by osseous hypoplasia of the acetabular roof that is oblique and shallow, cartilaginous roof is intact. Femoral head remains.

Subluxation: Most common, incomplete dislocation of the hip, femoral head remains in contact w the acetabulum, but stretched capsule and ligamentum teres cause the head of the femur to be partially displaced. Pressure on cartilaginous roof inhibits ossification and produces a flattening of the socket.

Dislocation: The femoral head loses contact with the acetabulum and is displaced posteriorly and superiorly over the fibrocartilaginous rim. The ligamentum teres is elongated and taut.

3. Name the 3 stages of treatment for clubfoot:

Correction, maintenance of the correction until balance is regained, and follow up observation to avert recurrence.

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

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:

Laryngitis