

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:** Mucus can obstruct the pancreatic ducts which may cause inflammation and inhibit the secretion of enzymes for the breakdown of food and maintenance of blood glucose.
 - **GI system:** Loose, greasy, stools containing fat, constipation, stomach pain, poor weight control, rectal prolapse.
 - **Pulmonary system:** Build-up of mucus in the lungs clogging the passageway for air movement in and out of the lungs. A persistent cough that produces thick mucus, wheezing, exercise intolerance, repeated lung infections, inflamed nasal passages or a stuffy nose, recurrent sinusitis.
 - **Growth and Development:** A child's cognitive development usually has no change due to CF, however their growth may be behind because of CF on the GI system regarding nutrition along with the increased work of breathing and the burning of calories leading to further imbalanced nutrition and growth overall.

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

The three degrees of developmental dysplasia of the hip are **Acetabular Dysplasia**, which is a shallow acetabulum, **Subluxation** is an incomplete dislocation of the hip, and **Dislocation** is where the femoral head loses contact with the acetabulum.

3. Name the 3 stages of treatment for clubfoot:

The three stages of treatment for clubfoot are correction of deformity, maintenance of correction, and follow up 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

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