

## 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: fibrosis can be caused by blockage of ducts → prevents essential enzymes from reaching duodenum
  - GI system: increased saliva constituents, impaired absorption/digestion of nutrients (esp. fat/proteins), bulky frothy stools that are foul smelling (steatorrhea, azotorrhea), cholelithiasis/fibrosis of liver common
  - Pulmonary system: stagnation of mucous in air passageways, bacterial colonization, destruction of lung tissue, secretions are difficult to expectorate, pulmonary HTN, respiratory failure
  - Growth and Development: physical growth restricted, delayed bone growth, increased weight loss despite increased appetite

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

Acetabular dysplasia: shallow acetabulum

Subluxation: partially displaced head of femur

Dislocation: of the head of femur

3. Name the 3 stages of treatment for clubfoot:

Correction of deformity, maintenance of correction, 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 (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 Spasmodic Laryngitis (Spasmodic Croup)