

## 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 mucus blocks pancreatic ducts leading to pancreatic fibrosis
- ☐ GI system - block of pancreatic enzymes causes impaired digestion and absorption of fats and proteins, causes steatorrhea and azotorrhea.
- ☐ Pulmonary system - stagnation of mucus in airway causes bacterial colonization. the abnormal mucus blocks airways
- ☐ Growth and Development - physical growth may be restricted due to decreased absorption of nutrients, increased O<sub>2</sub> demands and delayed bone growth.

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

Acetabular dysplasia - the acetabulum is too shallow for the femur's head  
Subluxation - the head of the femur is partially displaced out of the acetabulum  
Dislocation - the head of the femur is completely out of the acetabulum

3. Name the 3 stages of treatment for clubfoot:

Correction of deformity, maintenance of correction, flu for prevention of 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:

Acute Spasmodic Laryngitis