

## 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:
  1. **Pancreas**  
Thick mucus blocks up pancreatic duct, which can increase risk for pancreatitis, Abd pain, oily/fatty/clay-colored stools. CF also causes pancreas to fail to produce insulin, causing diabetes.
  2. **GI system**  
Overuse of abx that pts with CF receive can cause diarrhea, Abd pain, GERD and gastroparesis can all occur.
  3. **Pulmonary system**  
Overproduction of thick mucous clogs up bronchioles, making it very hard to clear lungs and receive air. They can also have dry nonproductive cough, atelectasis because they cannot take nice deep breaths, and even emphysema
  4. **Growth and Development**  
These kids tend to need more calories to sustain, this can cause these children to be smaller, malnourished, and they can have trouble gaining weight.
  
2. **Name the 3 degrees of Developmental Dysplasia of the Hip. What happens in each degree?**
  1. Acetabular dysplasia: shallow acetabulum
  2. Subluxation: partially displaced head of femur
  3. Dislocation: dislocation of full femur
  
3. **Name the 3 stages of treatment for clubfoot:**
  - o correction of deformity
  - o maintenance of correction
  - o f/u 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:  
**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**