

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
 - High incidence of diabetes
- GI system
 - Decreased enzymes to digest fat, proteins, and carbohydrates
 - Malnutrition (meconium ileus, obstructions)
- Pulmonary system
 - Thick secretions
 - Emphysema
 - Atelectasis
 - Wheezing
 - Dry non-productive cough
 - Secondary infections
- Growth and Development
 - Burn calories quicker
 - Unable to absorb all vitamins and nutrients they eat
 - Block secretion of enzymes and hormones

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 head of the femur)

3. Name the 3 stages of treatment for clubfoot:

Correction of the deformity, maintenance of correction, 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**