

Independent Learning Assignment

NB Musculoskeletal & Child Respiratory

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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
 - Malabsorption of nutrients
 - Thick mucous blocks pancreatic ducts
 - GI system
 - Decreases enzymes to digest fat, proteins, and carbs – causing constipation
 - Malabsorption of nutrients
 - Complication: malnutrition, meconium obstructions, GERD
 - Pulmonary system
 - It causes thick secretions, emphysema, atelectasis, wheezing, a dry non productive cough.
 - Complication: secondary infection, progressive lung damage, respiratory failure
 - Growth and Development
 - Patient will have this life long illness, needing support. There is future child bearing issues so a genetic counseling is recommended
 - Difficult to maintain healthy weight
2. Name the 3 degrees of Developmental Dysplasia of the Hip. What happens in each degree?:

Congenital dislocation of hip: causing improper formation/function of hip socket

1. Acetabular Dysplasia: shallow acetabulum
 - a. Ligaments stretched, allowing hip to be pushed out of place
 2. Subluxation: partially displaced head of femur
 - a. Some instability but hip not fully dislocated, femur head partially contact w/ acetabulum
 3. Dislocation: Of head of the femur
 - a. Femoral head completely out of acetabulum
 - b. Hip joint fully dislocated
3. Name the 3 stages of treatment for clubfoot:

Start on the first few days of life: early casting and manipulation

1. Correction of Deformity
2. Maintenance of Correction
3. 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:

_____ 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 - Spasmodic Croup _____