

BI 358 Active Learning Questions Lecture 12

1. What 3 examples of *congenital hand differences* & indicate ways they might be *treated*. Provide general *anatomical names* for the *bones* of the *forearm, wrist and hand*. What *finger bone* is missing in ~60% of *Down syndrome* babies? List 3 *bones of the wrist* and the *Latin origins* for their names.
2. *Neonatologists* specialize in humans of what *age range*? What are typical *vital sign ranges* of a *neonate*? *Pediatricians*? *Internal medicine specialists*? *Gerontologists*? List 5 *key features* of a *Down syndrome neonate*. What is the *most common genetic abnormality* in a *Down syndrome* baby?
3. When does *organogenesis* take place? What is the threshold for classifying a baby as *premature*? What is *surfactant*? *Why* is it *important* and *what* does it *prevent*? What might the *lung treatment* be for a premature (< 7-mo term) *neonate*? How does an *infant's ear* differ from an *adult ear*? *Why* does that make *infants* more susceptible to *ear infections*?
4. According to the *March of Dimes*, what are the chances of having a baby with a *birth defect*? What are the 3 *most common birth defects*? What is the *APGAR scale*? *Who* developed it? What *APGAR score* do most *healthy neonates* have by 5 *minutes* of age?
5. *Why* is it important to have a *high protein intake* when *pregnant*? How much *weight* might an expecting mother *gain* during the course of *pregnancy*? What are pregnancy *exercise recommendations* by the *American College of Obstetrics & Gynecology*?
<https://www.acog.org/Patients/FAQs/Exercise-During-Pregnancy?IsMobileSet=false>