



- **What is Intramembranous ossification?** process by which rudimentary bone tissue is created in fetal skeletal system
- **What is Endochondral ossification?** process of cartilage creation during fetal skeletal development
- Describe how both methods of ossification work together. they work together to develop baby's entire skeleton and form for after birth
- **Fontanels:**
- Describe growth in bone length:
 - Growth in length occurs at the _____ plate
 - Involves the formation of new cartilage by _____
 - Interstitial cartilage growth
 - Appositional growth on the surface of the cartilage
- **Closure of epiphyseal plate:** epiphyseal plate is ossified becoming the epiphyseal line. Between 12 and 25 years of age
- **Articular cartilage:** does not ossify, and persists through life
- **Appositional growth** only
- Interstitial growth cannot occur because matrix is solid
- Occurs on old bone and/or on cartilage surface