

Chapter 6 Questions

1. What causes stress at an individual level or at a population level? What kinds of stress are visible in human remains? (Hint: Think about Figure 2.1.)
2. How do bioarchaeologists measure stress in human remains?
3. Describe the effects of stress on individuals during their growth and development. Contrast the stress effects on juveniles with the effects of stress in adults. (Think about the long-term effects of low birth weight and nutritional deficiencies.)
4. What are the effects of stress on growth rate? Provide one specific example from the text.
5. How do dietary deficiencies influence growth rate or dental development? (Think about vitamins C and D.)
6. How can studies of asymmetry provide evidence for periods of stress during an individual's life?
7. Porotic hyperostosis and cribra orbitalia are representative of anemia. What future research would you perform to understand better the formation or persistence of these lesions?
8. Why are skeletal growth lines unable to be directly linked to a stress episode?
9. Why does the formation of linear enamel hypoplasias represent a period of stress?