Skeletal System Histology and Physiology

Directions: Go to Real Anatomy and select Histology. Some of the images used in this exercise can be found in other sections, such as Skeletal or Arthrology. You can use the Related Images section to find additional images.

If you need help navigating Real Anatomy, click on Take a Tour or click the question mark for the Help menu.

**Tissues in the skeletal system**

1. Identify the depicted tissue.

2. Identify the location of the depicted tissue, in the skeletal system.

3. Identify the depicted tissue.

4. Identify the location of the depicted tissue, in the body.

5. Identify the depicted tissue.
6. Identify the location of the depicted tissue, in the body.

7. Identify the depicted tissue.

8. Identify the location of the depicted tissue.

9. Identify the structural units that make up this tissue.

10. Identify the highlighted tissue.

11. Identify the location of the highlighted tissue.

12. Identify the structural units that make up this tissue.

13. Identify the depicted tissue.
14. Identify the location of the depicted tissue, in the skeletal system.

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**Types of bones**

15. Classify the highlighted bone on the basis of shape and location.

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16. Classify the highlighted bone on the basis of shape and location.

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17. Classify the highlighted bone on the basis of shape and location.
18. Classify the highlighted bone on the basis of shape and location.

19. Classify the highlighted bone on the basis of shape and location.

**Bone Growth**

20. Identify the connective tissue sheath surrounding the depicted bone.

21. Describe the function of this structure.
The following images depict four different zones of an epiphyseal plate.

22. Identify the highlighted zone.

23. Identify the highlighted zone.

24. Identify the highlighted zone.
25. Identify the highlighted zone.

26. Describe the function of the epiphyseal plate.