Skeletal System Crossword

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  | 2  P | R | O | X | I | M | A | L | E | P | I | P | H | Y | S | I | S |  |
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|  |  |  |  |  |  |  |  |  |  | 5  E | P | I | P | H | Y | S | E | A | L | P | L | A | T | E |  | R |  |  |  |
|  |  |  |  |  |  | 6  S |  |  |  |  |  |  |  |  |  |  |  | C |  |  |  |  | B |  |  | T |  |  |  |
|  |  |  |  |  |  | P |  |  |  |  |  |  |  |  |  |  |  | U |  |  |  |  | O |  |  | I |  |  |  |
|  |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  | 7  O |  | N |  |  |  |  | N |  |  | C |  |  | 8  C |
|  |  |  |  |  |  | N |  |  |  | 9  E | P | I | P | H | Y | S | E | A | L | L | I | N | E |  |  | U |  |  | E |
|  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  | L |  |  | N |
|  |  |  |  | 10  R |  | Y |  |  | 11  O |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |  | A |  |  | T |
|  | 12  O | S | T | E | O | B | L | A | S | T |  | 13  Y | E | L | L | O | W | M | A | R | R | O | W |  |  | R |  |  | R |
|  |  |  |  | D |  | O |  |  | T |  |  |  |  |  |  | C |  |  |  |  |  |  |  |  |  | C |  |  | A |
|  |  |  |  | M |  | N |  | 14  M | E | D | U | 15  L | L | A | R | Y | C | A | V | I | T | Y |  |  |  | A |  |  | L |
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|  |  |  |  | R |  |  |  |  | C |  |  | M |  | 16  D |  | E |  |  |  |  |  |  |  |  |  | T |  |  | A |
|  |  |  |  | R |  |  |  |  | L |  | 17  P | E | R | I | O | S | T | E | U | M |  |  |  |  |  | I |  |  | N |
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|  |  |  |  | W |  |  |  |  | S |  |  | L |  | 18  P | E | R | F | O | R | A | T | I | N | G | C | A | N | A | L |
|  |  |  |  |  |  |  |  |  | T |  |  | A |  | H |  |  |  |  |  |  |  |  |  |  |  | G |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  | 19  O | S | T | E | O | N |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 20  D | I | S | T | A | L | E | P | I | P | H | Y | S | I | S |  |  |  |

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| **Across**  **2.** Top end of the bone  **5.** Band of cartilage between epiphysis and diaphysis  **9.** When cartilage hardens after growth  **12.** bone forming cells  **13.** in medullary cavity  **14.** Cavity of the shaft  **17.** Covers diaphysis; fibrous connective tissue membrane  **18.** canal perpindicular to central canal  **19.** functional unit of compact bone  **20.** Bottom end of bone | **Down**  **1.** Dense smooth outer layer  **3.** open spaces with in the lamellae that contain osteocytes  **4.** Covers end of long bones  **6.** Honey comb ; containg red marrow  **7.** Mature bone cells  **8.** opening in centerr of osteon  **10.** In spongy bone  **11.** bone - destroying cells  **15.** concentric circles that surround the haversian canals  **16.** Shaft; Composed of compact bine |

   Articular Cartilage       Proximal Epiphysis       Distal Epiphysis       Diaphysis       Medullary Cavity       Compact bone       Spongy bone       Epiphyseal line       epiphyseal plate       Periosteum       red marrow       Yellow Marrow       lamellae       lacuna       osteocytes       osteoclast       osteoblast       osteon       central canal       perforating canal