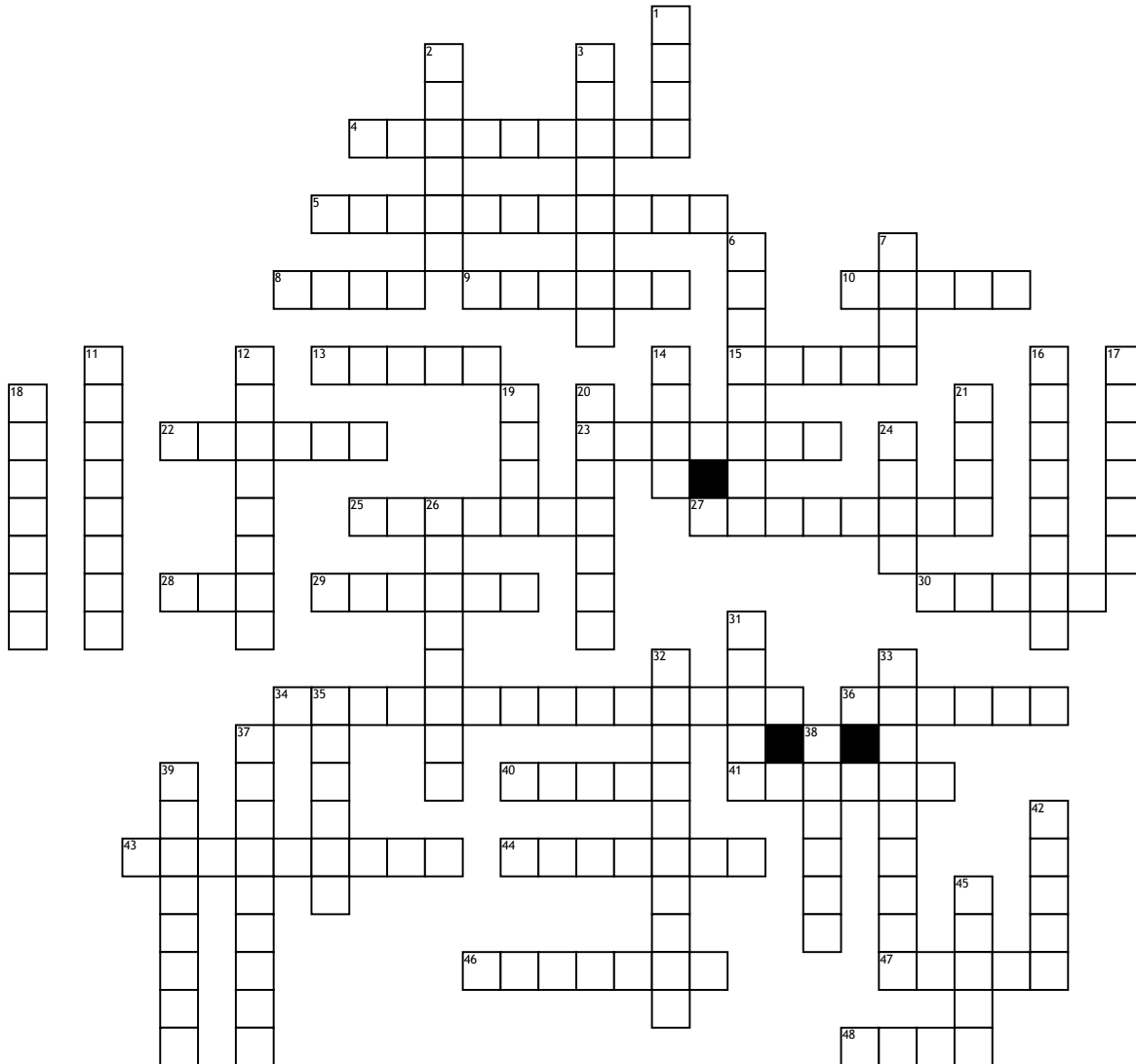


The Skeletal System



Across

4. arthritis, inflammation of joints; usually accompanied by pain and, frequently, structural changes in bone and
 5. rheumatoid arthritis, a chronic, systemic disease characterized by inflammation, pain, and stiffness in the joints; results in crippling
 8. Colles fracture, a fracture of the distal radius (bone on the thumb side of the forearm) that results from a fall onto an outstretched
 9. myeloma, cancer of the plasma cells (a type of white blood cell) that originates in the bone
 10. gout, form of arthritis in which uric acid builds up in the blood and causes joint swelling and pain;
 13. scoliosis, abnormal, lateral curvature of the
 15. oblique fracture, a break across the bone at an
 22. arthralgia, pain in a joint or
 23. transverse fracture, a fracture that runs straight across the bone, at a right angle to the long axis, it is often caused by a direct blow or prolonged stress, such as from
 25. osteomalacia, abnormal softening of the bone, in children, this condition is known as
 27. pathologic fracture, a fracture resulting from pressure on weakened bone; due to osteoporosis or cancer, for
 28. ankylosis, a stiff joint caused by adhesion, or abnormal fusion of two bones into
 29. spiral fracture, a fracture in which the bone has been twisted apart; a common sports
 30. kyphosis, abnormal, outward curvature of the thoracic spine; humpback; called dowager's hump in older
 34. spondylitis, stiffening of the spine; spinal

36. lumbago, pain in the lower back (lumbar)

40. bunion, joint swelling at the base of the great toe, caused by inflammation of the

41. tendinitis, inflammation of a

43. osteochondroma, tumor or bony projection that covers

44. osteopenia, bone deficiency; in a young person, less-than-average bone

46. osteoporosis, condition of small holes in the bones; noticeable loss of bone

47. spinal curvatures, abnormal curvatures of the

48. osteitis, inflammation of the

Down
 1. periostitis, inflammation of the periosteum, the covering that surrounds the

2. osteomyelitis, inflammation of the bone and bone

3. compound fracture, a broken bone with an open wound leading to the site of the fracture, or bone that protrudes through the skin; also called open

6. dislocation, total displacement of a bone from its joint;

7. ostealgia, pain in the

11. lordosis, abnormal, forward curvature of the lumbar spine;

12. greenstick fracture, an incomplete fracture; the bone is bent and partially broken, this type of fracture occurs primarily in

14. fracture, a break in a

16. herniated disk, intervertebral disk that has slipped or

17. stress fracture, a small crack in bone resulting from chronic, excessive impact; an overuse

18. osteoarthritis, joint disease that mostly affects cartilage between the bone and joint; also known as degenerative joint

19. osteoma, tumor of the

20. comminuted fracture, a bone that has splintered or has been

21. longitudinal fracture, a fracture that runs parallel to the long axis of the

24. osteosarcoma, malignant tumor that arises from connective tissue and affects the

26. talipes, congenital deformity of the foot involving the talus (anklebone);

31. subluxation, partial dislocation of a bone from its

32. sprain, trauma to the ligaments surrounding a joint, causing pain and, in some cases,

33. paget's disease, excessive breakdown of bone and abnormal, enlarged bone formation; osteitis

35. sequestrum, bone tissue death that occurs when the bone has become sequestered, or separated, from the healthy tissue around it, due to lack of blood

37. chondromalacia, softening of the

38. bursitis, inflammation of the bursa, usually between bony protrusions and muscle or tendon, examples include rotator cuff injury in the shoulder, tennis elbow, and knee

39. simple fracture, a broken bone that does not penetrate the skin; also called closed

42. spina bifida, split spine; congenital defect in which part of the membrane covering the spinal cord protrudes through a gap in the

45. ankylosing spondylitis, a form of rheumatoid arthritis characterized by inflammation of vertebral joints, which can become fused and stiff; rheumatoid arthritis of the