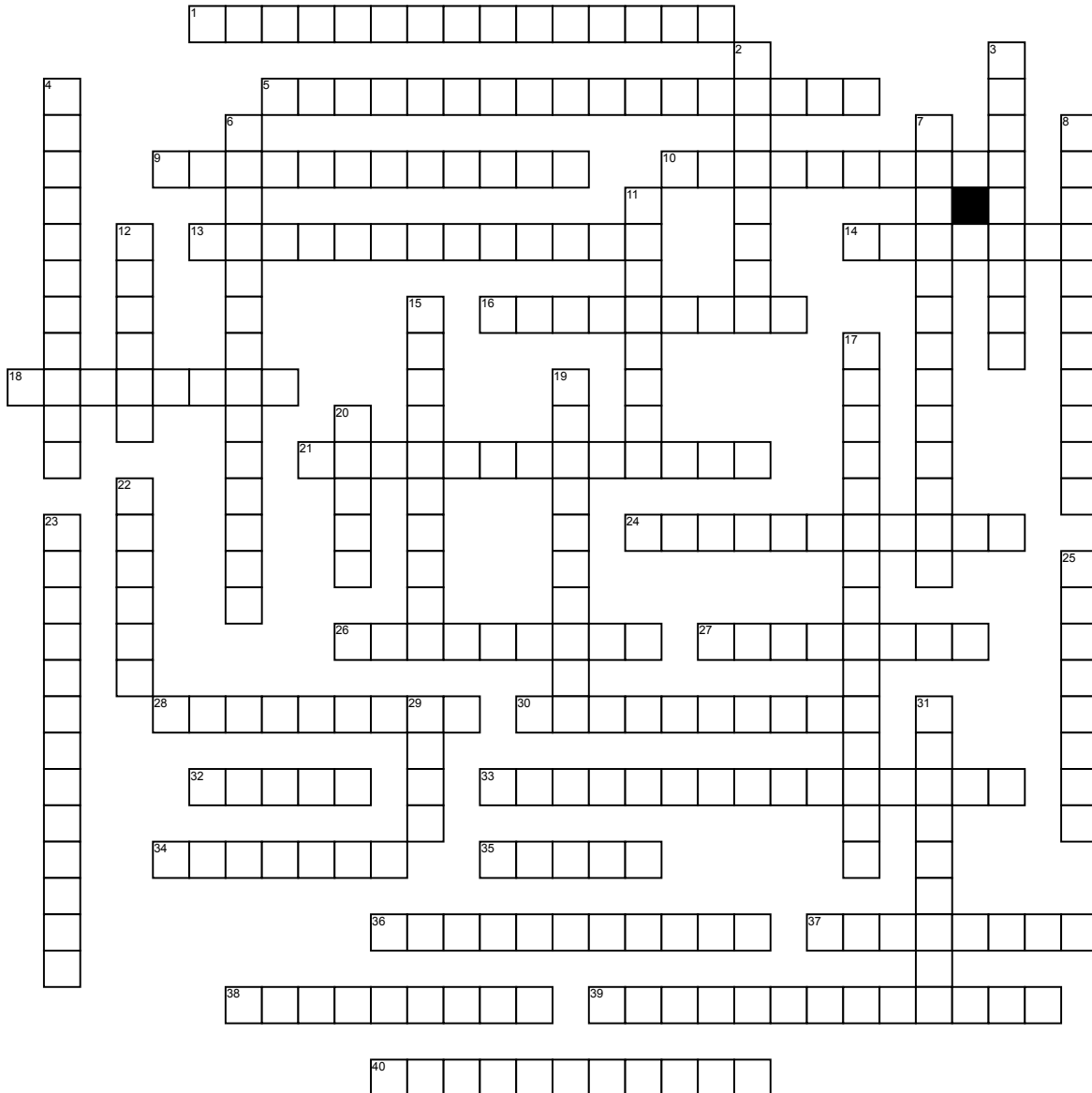


Surgical Radiography



Across

- 1. Procedure performed during surgery to demonstrate anatomy of the biliary duct system.
- 5. A type of proximal femur fracture (hip fracture) that runs between the greater and lesser trochanter
- 9. A procedure which uses rods, plates, and screws to stabilize the vertebral column (2 words)
- 10. This type of urography is performed by the introduction of contrast medium directly backward into the pelvicaecal system via catheterization by the urologist during a minor surgical procedure
- 13. An isolation drape that separates the sterile field from the nonsterile environment; often used to permit the use of C-arm fluoroscopy (2 words)
- 14. Where the X-ray tube should be placed in relationship to the OR table, in order to reduce the dose to the head and neck region of the surgical team.
- 16. Allows the physician or other operator to have hands-free operation of the C-arm.
- 18. In this type of fixation, the fractured bones are secured by inserting screws to reduce and stabilize the fracture
- 21. This AP or PA chest x ray is taken after the procedure, to ensure that the pacemaker and leads are properly positioned
- 24. Is a surgical procedure performed to alleviate pain caused by neural impingement, by removing a small portion of bone or herniated disk
- 26. This personal reading, should be closely monitored by technologists who frequently perform C-arm procedures.
- 27. Is the use of devices left in place to help stabilize fractured bones, could be internal or external
- 28. Is a surgical procedure to restore a fracture or dislocation to the correct alignment, could be open or closed

- 30. Comprise all surgical procedures intended to re-establish the length, shape and alignment of fractured bones and joints, or to restore function and range of motion
 - 32. Is a registered nurse who prepares the sterile field, gowns the members of the surgical team and prepares and sterilizes the instruments before the surgical procedure
 - 33. In addition to the surgeon, MRT should communicate with this surgical team member for suspension of patient breathing before exposure.
 - 34. Consist of the practice and procedures used to minimize the levels of infectious agents present in the surgical environment.
 - 35. Mode used to create an x-ray beam that pulsates at timed increments to reduce exposure.
 - 36. This imaging modality is provided in the OR by the C-arm mobile system.
 - 37. Part of the C-arm mobile equipment used to display images to the surgeon.
 - 38. It is the primary source of radiation exposure to the fluoroscopy staff from the patient.
 - 39. Is a substance used to increase the contrast of structures within the body in medical imaging (2 words)
 - 40. Operation performed in the abdomen or pelvis through small incisions and aid of a camera
- Down**
- 2. Each bone in the spinal column, they are irregular, formed by a body and posterior arch
 - 3. Is a medical device which uses electrical impulses and electrodes to regulate the beating of the heart
 - 4. Is a fluoroscopy technique used primarily in angiography and interventional radiology to clearly visualize blood vessels in a bony environment, masking bones (2 words) DIGITAL

- 6. Cardiac chamber into where the tip of the electrode is advanced under fluoroscopic guidance during pacemaker insertion (2 words)
- 7. Is the ability of the system to enlarge the image for better visualization of structures.
- 8. Crushing of calcification in the renal pelvis, ureter or urinary bladder by mechanical force or sound waves
- 11. Activates a digital spot, which results in a higher quality computer-enhanced image as compared with a held fluoro image.
- 12. Shielding protective device made of lead, used by all personnel.
- 15. Fabricated artificial substitute for a diseased or missing anatomic part
- 17. Surgical removal of gallbladder.
- 19. Is a non sterile RN who assists in the OR by responding to the needs of scrubbed members in the sterile field before, during and after the surgical procedure.
- 20. This feature on most C-arms provides an improved and brighter image for the patient with a large body habitus, or thick anatomy, however, increases radiation exposure.
- 22. Region of the vertebral column where impingement, stenosis, bony obstructions and hernias may frequently occur
- 23. Refers to the process that eliminates, removes, kills or deactivates all forms of microbiological agents from surgical covers and materials.
- 25. Is a medical condition in which there is a damage in the continuity of the bone, result of high force trauma, impact or stress
- 29. Acronym for Open Reduction with Internal Fixation
- 31. The three important cardinal rules of radiation protection are: time, distance and...