

Imaging

1. Differentiate between a cholecystography and intravenous pyelography.
2. Define mammography and the recommended schedule for women.
3. Explain the term ionizing radiation.
4. What is scattered radiation?
5. What safety requirements are in place to protect health care professionals from excess radiation?
6. Differentiate between a cholangiogram and a cholecystogram.
7. What imaging techniques are used for the following:
angiogram
nephrotomogram
sonogram
8. Identify three procedures used to examine the colon.
9. What is tomography?
10. Define magnetic resonance imaging.
11. Draw and label the body planes.
12. Describe the educational requirements and job duties for the following:
radiologist
radiologic technologist
nuclear medical technologist
radiation therapy technologist
diagnostic medical sonographer
13. Draw and describe the body cavities.
14. Differentiate between MRI and CAT scans.
15. List advantages of using the MRI scanner over the CT scanner.
16. How are patients given radioactive substances for visualization?
17. Describe two tests done in nuclear medicine for visualizing the heart.

18. Define and describe a myelogram.

19. What type of contrast medium is used for upper and lower GI x-rays?

20. Define the following:

superior

inferior

cranial

caudal

ventral

dorsal

medial

lateral

proximal

distal