



Essentials of Veterinary Diagnostic Imaging

By Md.M.Ansari

New India Publishing Agency, 2014. Hardcover. Condition: New. Dust Jacket Condition: New. 1st Edition. Contents: Preface. 1. introduction to radiology and historical perspective. 2. applications of radiography. 3. Principles of radiographic positioning. 4. General concepts of radiation (basic physics). 5. Basic Interactions of X-rays with matter. 6. X-ray tube. 7. X-ray tube rating chart. 8. The physics of X-ray production. 9. Diagnostic X-ray equipments and accessories. 10. X-ray machine accessories. 11. Set up of an X-ray (radiology) section. 12. Handling, viewing and interpretation of X-ray. 13. Radiographic exposure factors/variables. 14. Radiographic detail, density and contrast. 15. Radiographic technique chart. 16. X-Ray film and accessories. 17. Film processing. 18. Radiographic technical error and artifacts. 19. Significant radiographic findings of important pathological conditions. 20. Contrast agents and special radiography. 21. Radiography of exotic animals and birds. 22. Advance diagnostic imaging tools and techniques. 23. Principles of radiation therapy. 24. Radiation hazards and safety. 25. Glossary. 26. Exercise: review questions. 27. Check your answers. 28. References/selected readings. 29. Appendix. Radiology and ultrasound are the primary diagnostic imaging techniques available to the veterinarian. The responsibility to provide useful diagnostic images usually falls on the shoulders of the veterinary radiologist/radiographer. The book has twenty four chapters...



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