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Practical Guide To Diagnostic Imaging: Radiography And Ultrasonography



Synopsis

This text provides an illustrated guide to techniques used in radiography and ultrasonography of small and large animals.

Book Information

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Customer Reviews

Han and Hurd have accomplished the best of works for the veterinarian who wishes to take diagnostic x-rays. This book can serve as both an introduction for students and as a handbook for the experienced technician. The authors start with a thorough, yet very readable, exposition of x-ray generation. There is sufficient detail and diagrams so that the veterinarian can understand the important features of x-ray machines prior to making equipment purchases. The next part of the book discusses all the factors that combine to make a diagnostic x-ray. They discuss achieving radiographic quality by controlling all the factors: exposure times, kVp levels, distance factors, etc. and lead the reader all the way through darkroom techniques and radiation safety. Their chapter on developing a Radiographic Technique Chart is excellent. After going through the procedures as outlined in this chapter, the practitioner will have a solid appreciation of the functioning of their machine in their particular situation. They will have a chart that will enable them to set up to take fully usable x-rays - even in situations that occur infrequently. The effectiveness of an x-ray in diagnosis is dependent on correct positioning of the animal. "Proper patient positioning is as important as the radiograph itself." Since even a little deviation can cause misinterpretations. Starting with a definition of terms, Han and Hurd give a thorough, well illustrated, patient, organized

exposition of all the positions needed to take all the radiographs needed for both small and large animals. A section on contrast radiography is even included. The section on Ultrasonography is brief but serves as a basic introduction to imaging for the practicing veterinarian. An excellent book, a pleasure to read and imminently practical. Austin W. Fergusson, Ph.D.

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