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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

Hardcover: 267 pages

Publisher: Mosby (December 1994)

Language: English

ISBN-10: 0939674548

ISBN-13: 978-0939674541

Product Dimensions: 8.9 x 5.8 x 0.2 inches

Shipping Weight: 13.6 ounces

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #7,049,604 in Books (See Top 100 in Books) #97 in [Books > Medical Books > Veterinary Medicine > Radiology](#) #2278 in [Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > General](#) #6851 in [Books > Science & Math > Agricultural Sciences > Animal Husbandry](#)

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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