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Equine Respiratory Medicine & Surgery

Equine Respiratory Medicine and Surgery is edited by 4 well-known editors and has over 50 contributors. It provides the reader with a fully comprehensive, state-of-the-art reference source in the field of equine respiratory medicine and surgery.

The text is of high quality, well-written, and nicely bound. It consists of 7 sections and 46 chapters. The 1st section covers the basic sciences related to the respiratory system of the horse, including anatomy, physiology, immunology, and pharmacology. The 2nd section deals with diagnostic techniques pertaining to equine respiratory diseases. It starts with special examination of the respiratory system and the collection and analysis of respiratory samples. The different imaging techniques (ultrasonography, radiography, scintigraphy) and endoscopy, blood gas analysis, pulmonary function testing, lung biopsy, and postmortem examination follow. The 3rd section discusses viral and bacterial infections of the equine respiratory tract. The 4th and 5th sections covers medical and surgical diseases and disorders of the equine respiratory system organized anatomically (upper and lower respiratory tract, respectively). This coverage includes medical and/or surgical treatment(s) where applicable. The 6th section is restricted to respiratory diseases of the foal (recognition, diagnosis, and treatment). The book concludes with a section about the disorders of the thoracic wall, pleura, mediastinum, and diaphragm.

The index is accurate, easy to use, and appropriately cross-referenced. One of the main strengths of this book is the high quality radiographic, ultrasonographic, and endoscopic images, CT scans, MRI images, color clinical photographs, microscopic images, electron micrographs, and schematic diagrams which aid in understanding the pathology, diagnosis, and treatment.

This book is highly recommended for veterinary students, practitioners, instructors, and researchers that need a source for an in-depth coverage of the medical and surgical diseases and disorders of the equine respiratory system.