

# Essentials of Veterinary Practice

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2011

**DAYA PUBLISHING HOUSE®**

**Delhi - 110 002**

© 2011 PUBLISHER  
ISBN 81-7035-744-6 (HB)  
ISBN 978-81-7035-744-5 (HB)

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*Published by* : **Daya Publishing House®**  
4760-61/23, Ansari Road, Darya Ganj,  
New Delhi - 110 002  
Phone: 23245578, 23244987  
Fax: (011) 23260116  
e-mail : dayabooks@vsnl.com  
website : www.dayabooks.com

*Laser Typesetting* : **Classic Computer Services**  
Delhi - 110 035

*Printed at* : **Chawla Offset Printers**  
Delhi - 110 052

PRINTED IN INDIA

*—Dedicated to—*

All those veterinarians  
who love their profession  
and are proud of being a veterinarian  
with a pledge to serve the farmers

# Acknowledgement

It is our immense pleasure that this book ultimately came to light. The information received from various sources is gratefully acknowledged. The relevant reference books are cited at the end of this book to give due credits to the authors and/or publishers. In this occasion, we extend our thanks to our teachers, relatives, friends and colleagues for their inspiration and motivation to complete this work. Our sincere thanks are also due to Mr Anil Mittal, Daya Publishing House, New Delhi for accepting the manuscript and quick publishing this book. We shall be grateful for any suggestion and constructive criticism from readers regarding the text and presentation of the book so that the 2<sup>nd</sup> edition may be more informative and useful for the veterinary professionals. Observations may please be sent to the author's e-mail address: drdebasisjana@rediffmail.com or gnilotpal@yahoo.com.

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*Date: January 3, 2011*

## Foreword

Veterinary is primarily concerned with health care of animals, and a veterinarian is a physician of animals and a practitioner of veterinary medicine. The job of a veterinary practitioner is very daunting, keeping in view the wide range of animals, which are unable to express their suffering. Besides treating various ailments of animals, a veterinarian is the person who is entitled to ensure production of safe and hygienic animal food products including milk, meat and egg for human consumption. Another important activity of veterinary professionals is to prevent zoonotic diseases that are transmitted from animals to human beings like Bird flu, Swine flu, Rabies, Anthrax, Mad Cow Disease *etc.* These make the veterinary science a vast and interesting subject. The demand of veterinary professionals is on the rise mainly in view of huge livestock population vis-à-vis demand of quality animal food products.

Keeping these in view, the present book entitled '*Essentials of Veterinary Practice*' is written by Dr. Debasis Jana and Dr. Nilotpal Ghosh, which deals with diagnosis as well as treatment of a large number of livestock diseases. All the essential subject matters are systematically presented in six sections, *viz.*, Diagnostic section, Medicine section, Gynaecology and Obstetrics section, Surgery section, Veterinary pharmaceuticals and Miscellaneous information pertaining to veterinary practice. The veterinary drug index chapter is unique and requires a special mention. The photographs of various diseases are important assets of this book. The proforma of various certificates and list of instruments/equipment used in veterinary practice are nicely compiled. The language is very simple and lucid. This book is a good reference material as it covers a wide spectrum of topics of veterinary practice. Efforts

have been made to facilitate easy reading and help students as well as neo-vets gather important information of veterinary science in a single volume.

I am hopeful that this book will be of great use to the students as well as practitioners of veterinary medicine.

I extend my best wishes to the authors for the work they undertook to the cause of their profession.

  
S.K. Sanyal

# Preface

- ☆ The book '*Essentials of Veterinary Practice*' is actually composed of six parts, viz., (1) Diagnostic section, (2) Medicine section, (3) Gynaecology and Obstetrics section, (4) Surgery section, (5) Veterinary pharmaceuticals, and (6) Miscellaneous information pertaining to veterinary practice. The total text is divided into 22 chapters.
- ☆ This book has been compiled in the simplest and most lucid form giving emphasis to modern technologies of animal health management and veterinary therapeutics with complete information on animal diseases of varied etiology.
- ☆ Most characteristic features of this book are description of clinical as well as laboratory diagnosis of animal diseases, large number of common systemic as well as infectious and/or contagious diseases and incorporation of commonly used surgical procedures in curing various diseases. Every disease has been presented in the most precise and systematic manner aiming to serve the need of animal health practitioners. The veterinary drug index chapter indicating medicines and vaccines available in the market is unique, which is presented in a very systematic manner to link up with the modern art of treatment to be utilized under Indian farms and veterinary fields.
- ☆ Vast field experiences of the authors on livestock production management and treatment as a clinician as well as an academician, have been utilized to bring out this publication. Large numbers of photographs of various diseases and disease conditions for recognition of important diseases have been incorporated in this book which would be of immense help to the neo-vets and obviously to the budding veterinarians.

- ☆ One thing should be kept in mind that the use of trade names in this book is solely for the purpose of providing specific information. It is not a guarantee or warranty of the products named, and does not signify that they are approved to the exclusion of others of similar/suitable composition.

### **WHO WILL BE BENEFITED?**

- ☆ This book is primarily meant for the *veterinary students* in India who are undergoing Internship training at the end of the 5-year integrated course (B.V. Sc. & A.H.).
- ☆ It will also help the concerned *teachers/demonstrators* for offering this course to the veterinary students.
- ☆ The book shall also be useful for the neo-vets and budding veterinarians, practicing veterinary clinicians, livestock development officers, animal health workers, *Pranibandhu* and progressive animal farmers in India and other tropical countries.

*Dr. Debasis Jana*

*Dr. Nilotpal Ghosh*



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Introducing the theoretical and practical basics of veterinary neuropathology, this concise and well illustrated book is an essential basic diagnostic guide for pathologists, neurologists and diagnostic imaging specialists. Downloads Best Books , PDF Downloads Veterinary Neuropathology: Essentials of Theory and Practice Full Online, free ebook Veterinary Neuropathology: Essentials of Theory and Practice, full book Veterinary Neuropathology: Essentials of Theory and Practice, online free Veterinary Neuropathology: Essentials of Theory and Practice, pdf download Veterinary Neuropathology: Essentials of Theory and Practice, Download Online Veterinary Neuropathology: Essentials of Theory and Practice Book, Download PDF Veterinary. by Debasis & Ghosh Nilotpal Jana January 2011 The book "Essentials of Veterinary Practice"™ is actually composed of six parts, viz., (1) Diagnostic section, (2) Medicine section, (3) Gynaecology and Obstetrics section, (4) Surgery section, (5) Veterinary pharmaceuticals, and (6) Miscellaneous information pertaining to veterinary practice. The veterinary drug index indicating medicines and vaccines available in the market is unique, which is presented in a very systematic manner to link up with the modern art of treatment to be utilized under Indian farms and veterinary fields.



Building a successful veterinary practice involves a myriad of skills and knowledge with two basic and essential components: effective leadership and competent management. A well-run veterinary clinic is essential for providing excellent quality care, outstanding client service, financial profitability, and a productive work environment. However, the multitude of practice management resources can be overwhelming. This document provides a simple checklist of the fundamental components of effective practice management along with additional topic resources for more in-depth study or personalized News, trends, best practices and products for veterinarians related to practice management and small animal care.Â Resource gets down to brass tacks of veterinary opioids. VPN Plus+ Exclusive. A captive audience: The power of digital communication. Product. Element COAG Veterinary Analyzer. VPN Plus+ Exclusive. Lighten the financial loadâ€”Why debt consolidation may be the answer. Federation of Veterinarians of Europe. Code of Good Veterinary Practice. 1 Introduction. Veterinarians play an important role in protecting animal welfare, animal health, public health as well as the environment and provide a wide range of services. This Code of Good Veterinary Practice is a standard specifying the European veterinary ethics and principles of conduct as well as the requirements relating to the quality management system within a veterinary organisation, when the latter: 1. Wishes to improve its ability to give services in conformity with Veterinary practices provide the following essential services: Frontline veterinary practitioners and staff are among the healthcare professionals who provide surveillance for diseases deemed reportable by state and federal governments, including zoonotic diseases, such as rabies, influenza and Lyme Disease. They are also responsible for issuing certificates of veterinary inspection that are required for the movement of animals between states and countries, including those entering the food supply. Veterinarians are an integral part of our nation's food and fiber industries. Veterinary ca

Essential skills for an exceptional practice. Since 1998, Veterinary Management School (VMS) has armed new and up-and-coming managers with the tools they need to increase their value and effectiveness while putting their practices on the path to success. Led by experts in the veterinary industry, the curriculum of this popular and trusted program—now named Veterinary Management Series: Practice Essentials—is regularly updated to keep up with changes in the profession and designed to be implemented immediately. Find. Advanced. Essentials of veterinary practice. Cite this. Mamluks and animals : veterinary medicine in medieval Islam / by: Alkhateeb Shehada, Housni. Published: (2012). Search Options. Building a successful veterinary practice involves a myriad of skills and knowledge with two basic and essential components: effective leadership and competent management. A well-run veterinary clinic is essential for providing excellent quality care, outstanding client service, financial profitability, and a productive work environment. However, the multitude of practice management resources can be overwhelming. This document provides a simple checklist of the fundamental components of effective practice management along with additional topic resources for more in-depth study or personalized