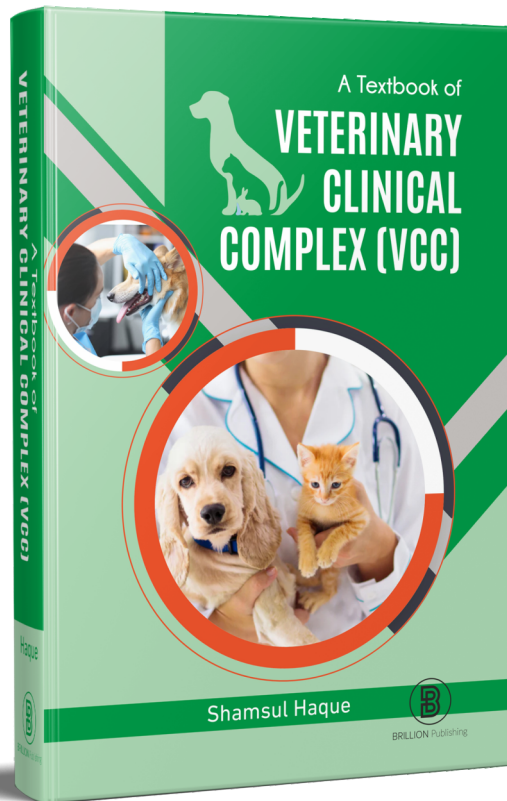




VETERINARY CLINICAL COMPLEX (VCC)



ISBN: 978-81-962792-9-5

e-ISBN: 978-81-962792-6-4

Pages: 778

2023

 Printed Copy

Paperback ₹ 1995/-

Today's veterinarians are the only doctors educated to protect the health of both animals and people. Veterinarians also play critical roles in environmental protection, research, food safety, and public health. Veterinarians are the first and best line of defense against animal diseases that could threaten public health and our national security. What makes a veterinary practice a success? The Veterinary TEAM is the answer. The contents of the present text book of VCC have been divided into 87 chapters under six sections based on modified syllabus of VCI covering basics of veterinary clinical complex(VCC). The clinical examination is a search for clues in an attempt to solve the mystery of a patient's illness. These clues are found usually in the form of "signs" that are demonstrated to the clinicians through inspection, palpation, percussion, and auscultation. The focal point of any investigation of animal disease is the making of a diagnosis.

Features

- Each chapter opens with a "Day in the Life".
- More attention in this textbook of VCC has been granted to diagnose animal's diseases through advanced diagnostic techniques using modern relevant lab instruments like hematoanalyser, automatic biochemical analyzer, electrolytes analyzer and the correct interpretation of lab results.
- In this text book it has also been emphasized that how the advanced diagnostic equipments like ECG machine, ultrasonographer will be used and how the findings will be interpreted to diagnose the animal's diseases perfectly.
- Throughout the text it has been tried that UG students could keep themselves updated with new dimensions of veterinary clinical complex like hemodialysis of kidney failure case in dogs and blood transfusion in animals.
- The author covered crucial topics such as critical care, Receptors, Antibodies and immunity because in the current scenario every UG student of veterinary clinical subjects try to know on which receptor the particular prescribed drug will be acting and whether it has relevancy with the diagnosed disease or not.
- Emphasis has been given to, how the emergency patients will be treated and managed in ICU.
- This textbook book will explore the potential capability of VCC students in the field of disease diagnosis, treatment and management.
- As such, this textbook of VCC offers a valuable resource of clinical potency to veterinary students, academicians and veterinarians.

Shamsul Haque**(Contents)**

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| <ul style="list-style-type: none"> • Orientation, Registration and General Introduction • Methods used in the Detection of Clinical Signs • Preliminary Clinical Examination • Techniques used in Clinical Examination • Restraint: Handling and Restraining of Animals • Important Information about Horses • Examination of Lymphatic System in Horses • Equine Stay Apparatus (Sleep in Standing Position) • Handling and Restraint of Dogs and Cats • First Aid • Preparation and Sterilization of Surgical Packs, Instruments, Drapes and Operation Theaters for Surgical Intervention • Waste Disposal in Clinical Procedures • Antiseptic Dressing Techniques and Bandaging • Holistic or Herd Health Management • Complete Blood Count (CBC) • Lab Techniques • Evaluation of Acid-base Balance, Interpretation of Laboratory Test Results in Respect of Hematological and | <ul style="list-style-type: none"> • Biochemical Parameters in Different Diseases • Summary of Bone Marrow Smear Evaluation Procedure • Enzymes Related to Cardiac Diseases and Cardiac Markers • An Enzyme-linked Immunosorbent Assay (ELISA) • Staining for Bacterial Examinations • Fecal Examinations • Mange and it's Examination • Laboratory and Special Examination • Samples for Serologic Tests • Guidelines for Selection and Submission of Necropsy Specimens for Confirmation of Diagnosis • Field Laboratory Methods • Handling of Specimens • Collection of Blood in Large and Small Animals for Bacteriological, Viral, Parasitological and Molecular Tests • Quantitation Techniques • Neutropenia (Low Neutrophil Count) • Monocytopenia (Low Monocyte Count) • Thrombocytopenia (Low Platelet Count) • Blood Differential Cell Test | <ul style="list-style-type: none"> • Anemia • Molecular Biology • Techniques in Molecular Biology • Principles of Ultrasonography • Abdominal Ultrasonography in the Equine with Acute Signs of Colic • Small Animal (Dogs and Cats) Abdominal Ultrasonography • An Antibody (Ab) • Receptors • Immunity • Emergency Medicine and Critical Care • Initial Assessment and Care on Arrival for Critical Care • Obtundation • Special Considerations for the Hospitalized Patient • Critical Care and so on... |
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