

# Topics in Medicine and Surgery of Ruminants

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Bovine Medicine (including surgery) aims to provide, within the covers of one book, much of the practical information available on cattle diseases and medical problems. Such an objective is admirable in sentiment but very difficult to achieve in practice. It involves the concentration of effort to gather surgery and medicine into one edition. For the present part it is hoped that what I have produced will not only be a source of information but, in many areas, it will be an enjoyable, educational read. It is hoped that it will be used as a working guide and that it will be of particular help to those at the 'sharp end' of the veterinary profession, i.e. in practice. Bearing this in mind, this work does not contain every detail concerning each disease, organism or clinical entity.

Surgery may only be carried out when the condition of the patient permits it. The correct decision may be difficult, for example in right-sided abomasal disease, severe dystocia and digital surgery. Economical considerations and farm facilities must also be evaluated in each potential case.

Veterinarians require a sound knowledge of the principles of surgery in relation to animal diseases and health. This book written specifically for vets with basic principles explained through practical examples. The book highlights the importance of veterinary medicine in cattle herds and farms.

This edition provides some guidelines on setting up a practice clinical examination for veterinarians predominantly in cattle practice. It provides an overview for the practitioner, with some practical information about the practice laboratory that is hard to find in standard texts.

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# 2016

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## Preface

*Bovine Medicine (including surgery)* aims to provide, within the covers of one book, much of the practical information available on cattle diseases and medical problems. Such an objective is admirable in sentiment but very difficult to achieve in practice. It involves the concentration of effort to gather surgery and medicine into one edition. For the present part it is hoped that what I have produced will not only be a source of information but, in many areas, it will be an enjoyable, educational read. It is hoped that it will be used as a working guide and that it will be of particular help to those at the 'sharp end' of the veterinary profession, i.e. in practice. Bearing this in mind, this work does not contain every detail concerning each disease, organism or clinical entity.

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The book comprises three parts (Bovine Medicine, Bovine Surgery, Clinical Examination). **Bovine Medicine includes** ;10 chapters : Viral Diseases , Bacterial Diseases , Blood Parasites, Internal Parasites , External Parasites ,Systemic Diseases , Calf Diseases , Metabolic Diseases of Dairy Cattle , Mastitis and Skin Affection and Lameness. **Bovine Surgery includes**; 9 chapters: Surgical Considerations, Anesthesia , Major Surgical Operations, Affection of the Udder, Surgery of the Urogenital System , Other Surgical Affections (Respiratory System ,Hernias, Wounds of the Abdominal Wall, Stringhalt in cattle ) , Surgical Affections of Sheep and Goats , Dehorning and Castration and Traumatic Pericarditis. **Part 3 Clinical Examination** highlights some guidelines on setting up a practice clinical examination for veterinarians predominantly in cattle practice.