A Textbook Of Parasitology

Introduction to Animal Parasitology: Principles and Practice of Clinical Parasitology

Textbook of Human Parasitology

Parasitology Simplified

Essentials of Medical Parasitology

Paniker's Textbook of Medical Parasitology

Medical Parasitology

An Introduction to Parasitology

Parasitic Diseases

Parasitology Textbook of Immunology, Microbiology and Parasitology

Textbook of Parasitology

Practical Guide to Diagnostic Parasitology

Veterinary Parasitology Textbook of Parasitology Veterinary Clinical Parasitology

Human Parasitology

Parasitology Modern Parasitology

General Parasitology

Human Parasitology

Ananthanarayan and Paniker's Textbook of Microbiology

Medical Parasitology

Parasitology Veterinary Parasitology Reference Manual

Molecular Medical Parasitology

Medical Parasitology

Diagnostic Medical Parasitology

Textbook of Parasitology

An Introduction to Parasitology

Georgi's Parasitology for Veterinarians

E-Book

The Short Textbook of Medical Microbiology

Medical Parasitology

Textbook of Parasitology

Parasitology

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Veterinary Clinical Parasitology

Eighth Edition, prepared under the auspices of the American Association of Veterinary Parasitologists (AAVP), emphasizes the morphologic identification of both internal and external parasites of domestic animals. Focusing on the tests and information most relevant to daily practice, the book describes accurate, cost-effective techniques for diagnosing parasitic infections in animals. Including clear, easy-to-find information on the distribution, life cycle, and importance of each parasite, Veterinary Clinical Parasitology offers more than 650 images to aid with diagnosis. The Eighth Edition includes a new chapter on immunologic and molecular diagnosis, increased coverage of ticks and new sections on identification of microfilariae and larvae in diagnostic samples. The new edition also features expanded information on quantitative egg counts, detection of anthelmintic resistance and identification of ruminant strongilid larvae. Additional improvements include many new images throughout the book, revised taxonomic information, a new layout featuring tabs by section to improve user-friendliness, and a companion website offering the images from the book in PowerPoint at www.wiley.com/go/zajac. Veterinary Clinical Parasitology is a highly practical benchside reference invaluable to clinicians, technicians, and students.

Knowledge in the field of parasitology must be kept at a high level and up to date in order to fight a parasitosis as quickly and effectively as possible. The third edition of this, one of Springer’s renowned and authoritative Major Reference Works, contributes to these goals in several ways. First, the number of entries has been increased by about 30%. Secondly the content has been improved even more by adding additional tables and figures. Thirdly, the extensive linking between definitions and essays facilitates information within a minimum of time. More than 40 international contributors, who are well known specialists in their fields, give a comprehensive review of all parasites and therapeutic strategies in veterinarian and human parasitology.

Now in full color, the second edition of Clinical Parasitology provides you with all of the information needed to perform, read, and interpret parasitology tests in a clear and understandable way. The user-friendly design, extensive illustrations, pedagogical features and clear descriptions of look-a-like parasites will help you better hone your skills and confidently perform clinical procedures. Throughout the book you’ll find descriptions of the different forms of parasites within that organism type and in classification, characteristics at a Glance tables cover the most medically important parasite forms and include comparison drawings of look-a-like parasites. Test Your Knowledge review questions enhance review and retention of chapter content. Numerous detailed drawings, with structures labeled illustrate the information in an easy-to-understand format. Individual parasite descriptions include concise information on lifecycles, epidemiology, clinical symptomatology, laboratory diagnosis, treatment, prevention and control, notes of interest, and new trends. Increased number of case studies offers more opportunities for application of chapter content to real-life scenarios. Identification worksheets let you make your own drawings of parasites. NEW! Full-color design throughout the book provides a more accessible look and feel. NEW! Quick Quizzes, or periodic self-assessments, are included in each chapter to assess your knowledge. NEW! Student resources on the Evolve companion website feature additional cases studies, interactive quizzes, and a veterinary parasitology reference guide. NEW! Focusing in boxes and Looking Back boxes, offer helpful chapter introductions and chapter summaries respectively.

Presents the A to Z of human parasitology for MBBS students. All parasites afflicting humans all over the globe are mentioned in detail for the students and teachers of parasitology. An excellent textbook for not only medical students but also the students of allied health sciences, nursing, paramedical courses, etc.

Diseases caused by animal parasites remain, on a worldwide basis, among the principal causes of morbidity and mortality. This book gives the medical student and the practitioner—the basic information about parasitic protozoa, worms, and arthropods and the diseases they cause that will enable the reader to recognize and manage them. One is impressed with the breadth of scope of the subject, the diversity of the parasitic modes of life, and how much there is yet unknown about the biology of parasitism. At the same time the book provides vignettes of the often fascinating historical background of our knowledge of animal parasites and glimpses of current research that is beginning to shape the future of parasitology. William Trager, Ph.D., Professor Emeritus of Parasitology, The Rockefeller University, New York, New York Preface. This book fills the need we have felt in teaching parasitic diseases to medical students. Many of the available texts are too detailed for what is inevitably an introductory course; others that do treat this subject with appropriate brevity are now out
of date; still others lack documentation of references and thus fail to guide the readers to a broader understanding of this subject. We have addressed ourselves to medical students, but they are not our sole target. Clinicians unfamiliar with the complexities of parasitic diseases need a guide to the diagnosis and management of these infections. We intend our book to serve this function as well.

A comprehensive account of protozoan and metazoan diseases in modern clinical practice, with orientation towards clinical management of parasitic infections. In the past, parasitology was considered as an obscure subject of little relevance to the majority of clinicians and microbiologists. Over the last decade, however, much has happened to change this, not least the explosion in foreign travel. This textbook is the forth in the Principles and Practice series, providing an extensive and detailed coverage of clinical parasitology. It has a similar appeal to that of Zuckerman's Principles & Practice of Clinical Virology, with an international authorship and emphasis placed on integrating new knowledge in a clinically relevant manner. An essential, up-to-date sourcebook on the fundamentals of human parasitology. Provides a global approach with renowned and international authorship. Completes the quartet of Principles and Practice series in Microbiology

Human Parasitology emphasizes the medical aspects of the topic, while incorporating functional morphology, physiology, biochemistry, and immunology to enhance appreciation of the diverse implications of parasitism. Bridging the gap between classical clinical parasitology texts and traditional encyclopaedic treatises, Human Parasitology appeals to students interested not only in the medical aspects of Parasitology but also to those who require a solid foundation in the biology of parasites. Updated and expanded reference section. New chapter on Immunology. Additional SEM and TEM micrographs. Professionally drawn lifecycle illustrations. Addition of "Host Immune Response section for each organism

This book is a complete guide to medical parasitology for undergraduate and postgraduate students. The new edition has been fully revised to provide the latest updates and advances in the field, highlighting epidemiology, diagnosis and treatment of numerous parasitic diseases. Presented in bullet format, the text is divided into four main sections, each further sub-divided to cover different parasites. The second edition covers recent advances in laboratory diagnosis, treatment guidelines, vaccine prophylaxis, epidemiology of infectious diseases, and hospital infection control. Each chapter features questions on the topic to assist revision, as well as clinical images, schematic diagrams, tables and flowcharts. Key points: Complete guide to medical parasitology for students. Fully revised, new edition covering latest advances in the field. Includes questions on each topic. Previous edition (9789351523291) published in 2014.

Pharmacological Monographs, Volume 2: An Introduction to Parasitology focuses on the principles, methodologies, and approaches involved in parasitology, including treatment, infections, and parasitism. The book first offers information on the nature of parasitism, characteristics of parasites, relationship of parasites to hosts, physiology and ecology of parasites, infection, transmission and dissemination of parasites, and resistance and immunity to parasitic infections. The text then examines protozoology and helminthology. Discussions focus on the nature and classification of parasitic worms, biology of parasitic worms, pathogenic effects of parasitic worms, and nature and classification of Protozoa. The manuscript ponders on entomology, malacology, and diagnosis, treatment, and prevention. Topics include classification of mollusks, bionomics and control, nature and classification of Arthropoda of medical and veterinary importance, mosquitoes, bugs, fleas, and mites and ticks. The publication is a vital reference for researchers interested in parasitology.

About the Book: Minimalistic and simplified approach to the subject. Entire book is designed in a tabulated manner. Very useful to learn many parasites in a short period of time during exams. Comparative design helps students to retain knowledge more effectively. Concise, bulleted format and to-the-point text—easy to read during examination. Simple and lucid language makes the understanding easy. Supplement video tutorial link: https://www.youtube.com/watch?v=QNIolWJlH8&list=PLM19e80k97O43-Qp5EOchbALEmLzAGTM

Rely on this concise, systematic introduction to the biology and epidemiology of human parasitic diseases. Explore an extensive series of photographs, line drawings, and plates that aid in the recognition of medically-relevant parasites and help to build a solid understanding of the fundamentals of diagnosis and treatment.

This book opens the world of microbes and parasites around us, so that we are able to treat disease caused by them. This is the only book which comprises of both microbiology and parasitology under one bind. Fortified with details about the role of microbiology in nursing, role or collection, immunology, microbiology, parasitology and mycology. Student friendly and easy to understand. Immunology part is made simple, so that students can easily understand the concepts of immunity in dealing with the foreign agents. Key points have been included at the end of each chapter. Some important additional information has been given in grey boxes. Frequently asked questions in various exams (MBBS, BHMS and Nursing) have been included at the end of the book. Chapter on immunisation has been included in the book.

The recipient of much praise and acclaim, Veterinary Parasitology is widely considered to be the definitive veterinary parasitology reference for practitioners and students alike. This Fourth Edition has been developed and enhanced into a two-part reference to reflect recent advances in the field, modern teaching practice, and updated parasite taxonomic classification systems. Part One contains expanded individual parasite descriptions using current taxonomic status within three new chapters on Helminthology, Protozoology and Entomology. Further updated chapters are provided on: The laboratory diagnosis of parasitism,
Antiparasitics. The epidemiology of parasitic diseases, and Host resistance to parasitic diseases. Host species chapters have been retained and expanded and are found in Part Two of the edition. KEY FEATURES

- Tailored for those directly involved in the diagnosis, treatment, and control of parasitic diseases of domestic animals
- Compatible with the diversity of current parasitology teaching modules - both for teaching parasite systematics and diseases on a host-organ basis
- Offers the most detailed parasite descriptions available today for teachers, research groups, veterinarians in practice and in government service, and others involved in aspects of parasitic disease
- Thoroughly revised and restructured to reflect the most up-to-date advancements in the field

Veterinary Parasitology, Fourth Edition, enhances its stellar reputation as the gold standard reference text for the global veterinary profession.

From the Preface: Over a dozen years have passed since the first edition of this textbook was published. As is to be expected, tremendous progress has been made in the study of zooparasites and the nature of parasitism. This is especially true in the case of the protozoans and helminths of medical and economic importance. Continuing the original intent, this book is meant to be a teaching tool rather than a reference volume for seasoned investigators. It is meant to supplement formal lectures, but at the same time to provide students with sufficient information so that when more detailed review articles and primary research reports can be located.

Georgis’ Parasitology for Veterinarians, 10th Edition provides current information on all parasites commonly encountered in veterinary medicine. Its primary focus is on parasites that infect major domestic species, such as dogs, cats, horses, pigs, and ruminants, but it also includes coverage of organisms that infect poultry, laboratory animals, and exotic species. This edition features chapters that cover arthropods, protozoans, and helminths, including their taxonomy and life cycles, as well as the clinical signs, diagnosis, and treatment of each parasite’s infection or infestation. Other chapters include vector-borne diseases, antiparasitic drugs, diagnostic parasitology, histopathologic diagnosis, and a new chapter on vaccinations. No other book on this topic is so well-respected and so thorough. It’s the only parasitology reference that provides all the information you’ll need. The most comprehensive parasitology book on the market, written specifically for veterinarians, provides complete information on all parasites commonly encountered in veterinary medicine, as well as information about minor or rare parasites. High-quality color photographs and illustrations make the process of identifying and treating parasites more accurate and efficient. Updated drug tables offer the most current information on drugs, vaccinations, and anthelmintics. Greek and Latin roots printed alphabetically on the inside front and back covers provide you with quick access to scientific names and terms.

NEW! New chapter covering the use and development of vaccines against parasites keeps you up to date with what’s currently happening in this area. NEW! Expanded chapter on vector-borne diseases provides more in-depth detail on this topic and places more focus on bacterial parasites. NEW! New diagrams illustrating the mode of action of the different classes of antiparasitics make the antiparasite drug chapter more understandable. NEW! Updated protozoa chapter includes newer taxonomy to ensure you have the latest information on this subject. NEW! A new table in the arthropod chapter covering diseases transmitted by different ticks provides up-to-date information about these parasites.

Infections caused by parasites are still a major global health problem. Although parasitic infections are responsible for a significant morbidity and mortality in the developing countries, they are also prevalent in the developed countries. Early diagnosis and treatment of a parasitic infection is not only critical for preventing morbidity and mortality individually but also for reducing the risk of spread of infection in the community. The concise book gives an overview of critical facts for clinical and laboratory diagnosis, treatment, and prevention of parasitic diseases which are common in humans and which are most likely to be encountered in a clinical practice. This book is a perfect companion for primary care physicians, residents, nurse practitioners, medical students, paramedics, other public health care personnel, and as well as travelers.

In the past years, genome projects for numerous human parasites have been completed and now allow first in depth comparisons and evolutionary conclusions. The genomes of parasites reflect the coevolution with their host, metabolic capacities depending on their respective habitat in the host. Gut parasites usually have an anaerobic metabolism, while blood parasites have an aerobic metabolism. Intracellular parasites escape the immune system, while extracellular parasites evade the immune system, usually by antigenic variation. Comprehensive genome data now being available allow us to address profound scientific questions, such as which traits enable the parasite to survive in the human host, which to cause disease and which can be used as drug targets. This book intends to give an overview of the state of knowledge on “the molecules” of protozoan parasites — on their genomes, proteomes, glycomes and lipidomes.

An essential training aid and reference guide for veterinarians. Includes easy-to-follow collection and ordering guidelines and diagnostic techniques. Offers extensive discussion and a table to assist physicians with ordering the most appropriate diagnostic tests. Provides extensive information on method selection, clinical relevance, and test menus. Features diagnostic algorithms, summary tables, and identification keys. Presents comprehensive organism information on facing pages. Includes “how-to” tips based on 30 years of the author’s benchwork experience. Serves as a resource for microbiologists, physicians, medical technologists, public
Diagnostic Medical Parasitology covers all aspects of human medical parasitology and provides detailed, comprehensive, relevant diagnostic methods in one volume. The new edition incorporates newly recognized parasites, discusses new and improved diagnostic methods, and covers relevant regulatory requirements and has expanded sections detailing artifact material and histological diagnosis, supplemented with color images throughout the text.

Parasitology: An Integrated Approach, provides a concise, student-friendly account of parasites and parasite relationships that is supported by case studies and suggestions for student projects. The book focuses strongly on parasite interactions with other pathogens and in particular parasite-HIV interactions, as well as looking at how host behaviour contributes to the spread of infections. There is a consideration of the positive aspects of parasite infections, how humans have used parasites for their own advantage and also how parasite infections affect the welfare of captive and domestic animals. The emphasis of Parasitology is on recent research throughout and each chapter ends with a brief discussion of future developments. This text is not simply an updated version of typical parasitology books but takes an integrated approach and explains how the study of parasites requires an understanding of a wide range of other topics from molecular biology and immunology to the interactions of parasites with both their hosts and other pathogens.

This textbook will provide a systematic comprehension of the various medically important human parasites, their distribution, habitat, morphology and life cycle, pathogenesis and clinical features, laboratory diagnosis, treatment, prevention and control. The main emphasis is on the protozoan and helminthic diseases, also medical entomology covering vectors relevant to these diseases. The book aims to promote an easy yet comprehensive way of learning parasitology. It attempts to break down the complexity of medical parasitology into parts that are easy to understand yet integrating the essential information of parasitic infections. The integration of knowledge of parasites will be achieved through student-friendly illustrations, inclusion of a collection of recent case reports, examples of test questions and scenarios, and the images of human parasites. Essentially, it provides a “one-stop learning package” for medical parasitology.

This is a thorough revision and update of the highly successful first edition, which which achieved sales in excess of 4,500. The text serves as a comprehensive introduction to parasitology for both undergraduate and beginning graduate students. In this edition, particular emphasis is placed on parasites of human and veterinary importance. The first three chapters in the text are concerned with how parasites ‘work,’ their biochemistry, molecular and cell biology and physiology. The remaining chapters cover ecology and epidemiology, Immunology and chemotherapy, with the final chapter covering integrated control. This new edition contains new material on cell and molecular biology, vectors and control, which is in contrast to the general biological approach of the first edition. The second edition will succeed the first as the major text on parasitology for students in biology, zoology, microbiology, medicine, veterinary medicine, tropical medicine and public health.

Human Parasitology emphasizes a medical perspective while incorporating functional morphology, physiology, biochemistry, and Immunology to enhance appreciation of the diverse implications of parasitism. Bridging the gap between classical clinical parasitology texts and traditional encyclopedic treatises, Human Parasitology appeals to students interested in the medical aspects of parasitology and those who require a solid foundation in the biology of parasites. This 4e has been fully revised to integrate the most recent molecular discoveries about mosquitoes, ticks and other arthropods as vectors, as well as the most effective therapeutic regimens. New to this Edition: Features expanded coverage of the evolution of parasitism and an extensive update to immunology of parasites- host interactions; Offers an enhanced art program featuring life-cycle illustrations and additional SEM and TEM micrographs; New Host Immune Response section for each organism Presents various parasites and examines how they interact with their hosts and respond to new treatments Easy to read with photographs, diagrams, and clinical case pictures throughout.

The new edition of this textbook is a complete guide to parasitology for undergraduate medical students. Divided into 23 chapters, each topic has been thoroughly updated and expanded to cover the most recent advances and latest knowledge in the field. The book begins with an overview of parasitology, then discusses numerous different types of parasites, concluding with a chapter on diagnosis methods. Many chapters have been rewritten and the eighth edition of the book features many new tables, flow charts and photographs. Each chapter concludes with a “key points” box to assist with revision. Key points Eighth edition providing undergraduates with a complete guide to parasitology Fully revised text with many new topics, tables and photographs Each chapter concludes with “key points” box to assist revision Previous edition (9789350905340) published in 2013.

This textbook offers a timely overview of the eukaryotic parasites affecting human health and the health of animals and plants. It offers a broadly encompassing, integrative view of the phenomenon of parasitism and of the remarkable diversity of the world’s parasites. This second edition has been thoroughly updated on all aspects of parasitism.

This textbook in parasitology incorporates the spectacular advances in biological sciences within recent years. It presents students and research workers with a broad approach to the morphology, ultrastructure, speciation, life cycles, biochemistry, in vitro culture and immunology of parasitology.
A valuable, new source, Molecular Medical Parasitology is the only text of its kind -- one that applies broad concepts and current scientific advances from both molecular biology and biochemistry to the study of parasitic organisms. An internationally renowned team of scientists and physicians places parasites in their broad biological contexts while still emphasizing the specifics that differentiate these organisms. Not only will researchers and faculty in parasitology find this an indispensable guide, physicians will benefit from the thorough coverage molecular biology and biochemistry’s current influences on treatment and management of parasitic diseases. Features the most up-to-date scientific methods behind the medical management of parasitic diseases. Applies the most current synthesis of molecular biology and biochemistry to parasitic organisms.

This textbook will provide a systematic comprehension of the various medically important human parasites; their distribution, habitat, morphology and life cycle, pathogenesis and clinical features, laboratory diagnosis, treatment, prevention and control. The main emphasis is on the protozoan and helminthic diseases, also medical entomology covering vectors relevant to these diseases. The book aims to promote an easy yet comprehensive way of learning parasitology. It attempts to break down the complexity of medical parasitology into parts that are easy to understand yet integrating the essential information of parasitic infections. The integration of knowledge of parasites will be achieved through student friendly illustrations, inclusion of a collection of recent case reports, examples of test questions and scenarios, and the images of human parasites. Essentially, it provides a “one-stop learning package” for medical parasitology.