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Basic Arrhythmias, Eight Edition gives beginning students a strong basic understanding of the common, uncomplicated rhythms that are a foundation for further learning and success in electrocardiography. The examples, and case studies help you quickly learn how to identify and interpret hypertrophy and enlargement, arrhythmias, conduction blocks, pre-excitation syndromes, myocardial infarction, and more. Features:

- For more than 25 years, The Only EKG Book You’ll Ever Need has lived up to its name as an easy-to-understand, practical, and clear reference for everyday practice and clinical decision making. Dr. Thaler's pathophysiologic information. There is a great need for a simple book that teaches electrocardiography from a pathophysiologic basis. The proposed paperback book will be small format, concise, and 200-pages.
- Over the last decade, there has been a tremendous improvement in our understanding of basic cardiac electrophysiology. Most introductory ECG books teach via pattern recognition and do not incorporate new such as selecting the best monitoring lead. A section of practice strips is included. Helpful quick-reference appendices cover major arrhythmias and antiarrhythmic drugs.
- And understanding the effects of drugs, pacemakers, and other treatments on ECGs. The book contains more than 200 illustrations, including graphic waveforms, exact lead placement, and charts of key concepts.
- Chapters cover ECG fundamentals, interpreting rhythm strips, interpreting 12-lead ECGs, Interpreting Difficult ECGs: A Rapid Reference provides nurses and other health care professionals with systematic methods for interpreting difficult waveforms—from arrhythmias to ECG changes in acute.
- Coronary syndromes, bundle branch block, hypertrophy, and abnormalities caused by electrolyte disturbances and drugs.

In this concise and practical review, the authors recognize that among the range of cardiac investigations available to veterinarians, the standard electrocardiogram (ECG) is an indispensable, safe and inexpensive test in assessing dogs and cats with heart disease. Following discussion of the principles of electrocardiography, the book systematically explores the evaluation of the ECG—including determination.

- Certification candidates.

This is the first ECG book on the market that addresses the specific needs of those in the exercise science field. Because it's written for clinical exercise physiologists and exercise specialists, it enables readers to tailor stress tests and cardiac rehabilitation programs to meet the needs of their patients. Beginning with an introduction to basic concepts and measurements, the book explores rhythm and atrioventricular blocks.

- This quick-reference handbook presents the essential, need-to-know facts on ECG interpretation in an easy-to-scan bulleted format, with anatomical illustrations and hundreds of waveforms in various clinical.
- Material includes: brief numerical experiments; detailed schemes, exercises and more advanced problems.

Deals with techniques and models of computational intelligence that are suitable for signal processing; and Part III details ECG system-diagnostic interpretation and knowledge acquisition architectures. Illustrative text is self-contained, addressing concepts, methodology, algorithms, and case studies and applications, providing the reader with the necessary background augmented with step-by-step explanation of the more.

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Explanations Key Features: Utilizes a conversational writing style and abundant images, including more than 500 EKG strips and over 120 illustrations. Applies a step-by-step algorithmic method for interpreting.

The Second Edition: Incorporates over 360 exercises that apply and reinforce chapter concepts. Offers hundreds of practice opportunities including EKG strip interpretation, case studies, and questions with detailed answers on the latest important 12-lead EKG topics. You will have hundreds of opportunities to practice and apply your knowledge through interpreting sample EKG strips, case studies, and fill-in-the-blank questions. New to this edition: Instruction on how to obtain an ECG. A new section introduces electrical applications and advanced topics.

Rapid ECG Interpretation

“Flawless execution of concept: Takes clinical practice and experience and brings it into the classroom.” - Gwen Ferdinand-Jacob, DHSc, RRT, FAARC

With over 200 traces to test your knowledge, this book is a first class learning tool for emergency physicians. Basic student-level knowledge of ECGs is assumed, so the reader can move directly to learning about the more complex traces that occur in the emergency department. The level of difficulty is stratified into two sections for specialists in training and specialist emergency physicians. A minimum amount of knowledge of ECG interpretation is assumed, so the reader can start at the beginning and work his way up, or start in the middle and work back, to build a solid foundation of knowledge and test his ability to interpret ECGs.

Recognizing the Imaging Findings of Breast Disease

Shares the extensive knowledge and experience of esteemed author Dr. William Herring—a skilled radiology teacher and the host of his own specialty website, Learning Radiology, 4th Edition. This concise, user-friendly text effectively interprets medical images of all modalities. From the basics of patient safety, dose reduction, and radiation protection to the latest information on ultrasound, MRI, and CT, this book is an essential resource for anyone who needs to read and interpret common radiologic images. The leading introductory radiology text for medical students and others who are required to read and interpret common radiologic images, Learning Radiology, 4th Edition, stresses an easy-to-follow pattern recognition approach that teaches how to differentiate normal and abnormal images. Dr. William Herring's clear, conversational writing style employs a touch of humor to explain what you need to know to provide expert, quality care. The second edition is greatly enhanced with abundant exercises that apply and reinforce chapter concepts. With a clear, approachable writing style, the book delivers a rich source of information on the interpretation of ECGs—a core skill for all emergency department staff.

The standard electrocardiogram (ECG) is an indispensable, safe, and inexpensive test to assess dogs and cats with heart disease. This bestselling user-friendly book discusses the principles of electrocardiography, then systematically explores the evaluation of the ECG, including determination of heart rate, measurement of intervals, derivation of mean electrical axis, and criteria for atrial/ventricular enlargement or hypertrophy. At the core of this book is an extensive series of ECG cases for the reader to work through: practice makes perfect. New to this edition: Instructions on how to obtain an ECG. A new section introduces electrical applications and advanced topics.

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Ideal for use in rapid-response arenas, this how-to guide helps clinicians identify a range of ECG abnormalities, refine the differential diagnosis, and choose the best intervention. Introductory chapters address simple concepts needed to evaluate normal 12-lead ECGs; subsequent chapters present specialized criteria needed to interpret abnormal ECGs. Differential diagnosis is presented in an organized step-by-step manner. Hundreds of easy-to-understand diagrams link anatomic information with ECG findings. Practice ECGs with answers appear at the end of each abnormality chapter. A brand-new chapter in this edition contains 25 arrhythmia strips to help readers practice and test their interpretive skills.

With a step-by-step method for accurate interpretation of the ECG, this third edition of Rapid ECG Interpretation describes a systematic approach consistent with the changes in cardiology practice over the past decade. All diagnostic ECG criteria are given with relevant and instructive ECGs, providing a quick review or refresher for proficiency tests and for physicians preparing for the ECG section of the Cardiovascular Diseases Board Examination. This edition contains over 320 ECGs and instructive illustrations, including 81 new ECG tracings. Clear and concise 11-step methods are set out in a user-friendly synopsis format. A caption explains the concept illustrated on each page, and a few simple sentences reinforce the concept with interactive (“programmed”) learning, which links to the following page. --from publisher description.

This resource aims to make interpreting ECGs more interesting, teaching recognition and interpretation in under two hours. It guides readers from the basics of anatomy and physiology through understanding and interpreting the electrocardiogram. It helps readers get to know 260 different ECG rhythms by creating them themselves. Users draw and answer questions right in the book, following a range of hands-on instructions.

“This book is intended to be a beginner’s guide that will provide a mental framework for more advanced topics.”--Back cover.

Now in its Fifth Edition, this text and workbook is an excellent aid for students, practicing nurses, and allied health professionals learning ECG interpretation. The book presents a step-by-step guide to rhythm strip analysis and contains over 500 actual (not computer-generated) ECG strips to enhance the skills needed for accurate, confident ECG interpretation. Two post-tests and an answer key appear at the back of the book. The latest ACLS guidelines are also included.

Professor Gertsch covers both clinically relevant ECGs and very interesting rarer cases of the normal and the exercise ECG, making this work extremely comprehensive - it represents the culmination of a lifetime of involvement with invasive and non-invasive cardiology by one of Switzerland's leading cardiologists. Numerous ECGs and two-color drawings illustrate the text, which is also brought closer to the reader by means of over fifty case reports. Ease of reference is facilitated by the division of the text into separate sections: "At a Glance" for readers who want quick information, and "The Full Picture" for readers wishing to go into exhaustive detail. Foreword by Christopher Cannon.

This book features 200+ full-size, real-life ECGs accompanied by thorough explanations and analyses. Presented in a clear and casual writing style, the book's leveled approach takes a complex subject and makes it simple. LEARN MORE AT WWW.12LEADECG.COM.

This is a reference book aimed at cardiologists, electrophysiologists and fellows in training. It presents an expansive review of cardiac electrogram interpretation in a collation of manuscripts that represent clinical studies, relevant anecdotal cases and basic science chapters evaluating cardiac signal processing pertaining to persistent atrial fibrillation. A diagnostic approach to arrhythmias using a standard ECG, the signal average ECG and fetal ECG is highlighted. Intracardiac ICD electrograms are also explored in terms of trouble shooting and device programming.

A guide to reading and understanding rhythm strips and 12-lead ECGs, this updated edition reviews fundamental cardiac anatomy and physiology, explains how to interpret a rhythm strip, and teaches the reader how to recognize and treat 18 arrhythmias.