

Ak Jain Anatomy Physiology Text Book

Daniel Lieberman onderzoekt de grote transformaties die ons lichaam gedurende miljoenen jaren onderging: het ontstaan van de tweevoeter, de overgang naar een voedselpatroon dat uit meer dan fruit bestond, de ontwikkeling van ons uitzonderlijk grote brein en ons atletische vermogen. Ons hoofd, onze ledematen, onze stofwisseling, geen deel van het lichaam blijft onbesproken.

Continue adaptaties brachten ons veel voordeel, maar creëerden een omgeving waartegen ons lichaam niet bestand is, met als resultaat vermijdbare ziektes zoals obesitas en diabetes type 2. Lieberman noemt dit `dysevolutie` : we leven steeds langer, maar zijn vaker chronisch ziek. Met Darwin als leidraad propageert hij een gezondere leefomgeving, voor ons eigen bestwil.

Ross en Wilson is de eerste keuze van reeds meer dan een miljoen studenten sinds de eerste publicatie meer dan 50 jaar geleden. Als een van de meest populaire handboeken voor anatomie en fysiologie introduceert het de systemen en functies van het menselijk lichaam en de effecten van ziektes en aandoeningen op het normaal functioneren van het lichaam. Meer dan eender welk handboek is Ross and Wilson gekenmerkt door het gebruik van heldere taal aangevuld met kleurrijke illustraties en een groot aanbod van interactieve online-activiteiten voor een boeiende leerervaring. Ross and Wilson is noodzakelijk studie en leesmateriaal voor ieder in de ziekenzorg en vooral voor professionelen in opleiding in de verpleging en aanverwante beroepen, complementaire/alternatieve geneeskunde of voor paramedici en ambulancepersoneel. Zorvuldig herwerkte tekst zonder onnodige details om verwarring bij de student, nieuw aan dit leervak, te vermijden. Vele duidelijke illustraties in kleur met diagrammen en foto's. Reeks van paragrafen, punten- en bulletlijst helpen bij het leren en herhalen van de leerstof. Leerdoelen voor paragrafen in elk hoofdstuk. Lijst met veel gebruikte voorzetsels, achtervoegsels en woordstammen in anatomie en fysiologie. Appendix met biologische waarden als referentie. Toegang tot extra elektronische bronnen, inclusief animaties, inkleur oefeningen, studies, zelftestactiviteiten, en weblinks. Volledig herziende tekst met focus op de meest voorkomende aandoeningen. Nieuwe paragrafen over de invloed van het verouderen op de lichaamssystemen om de kernonderdelen van de leerstof te bestendigen en het weerspiegelt ook de veroudering van onze bevolking. Een nieuw en gemakkelijk te gebruiken functie is toegevoegd voor de uitgebreide en variërende selectie van populair web gebaseerde online zelfevaluatie taken. Extra gekleurde micrografieën en foto's evenals bijgewerkte illustraties. Aangevulde verklarende woordenlijst voor een vlog en gemakkelijk te gebruiken referentie naar veel gebruikte terminologie.

This text book is a guide for pharmaceutical academics (students and teachers) as well as industry professionals learning about drug delivery and formulation. Chapters presents comprehensive information about self-emulsifying formulations by providing an in-depth understanding of the basic concepts and formulation mechanisms. This information is supplemented by details about current research and development in this field. Readers will learn about the types of self-emulsifying drug delivery systems, evaluation parameters and digestion models, among other topics. Key Features: - 9 chapters organized in a reader-friendly layout - complete guide on self-emulsifying drug delivery formulations, including lipid based systems, SMEDOs, surfactants, and oral dosage forms - includes basic concepts and current developments in research and industrial applications - presents information on conventional and herbal formulations - references for further reading

This book is an effort to step up with the present changing scenarios of learning. It is the fruition of striking a balance between rejuvenated fundamentals of classical manuscripts, the fresh knowledge rich curriculum and tailored resource package with outstanding transparencies. It combines the strong foundation of basic core elements of orthodontic concepts, proper diagnosis and recognition of problems and exposure to treatment strategies and methodologies. It is a definite book for all dental undergraduates and an excellent supplement for all students undergoing postgraduate specialist training in orthodontics. Covers syllabi prescribed by Dental Council of India (DCI) and International schools of dentistry. Provides more than 1500 line arts, flowcharts, tables and clinical photographs for easy perception of the subject and to illustrate vital principles and techniques. Chapters contain Clinical Significance boxes that encourage readers to relate and channelize the theory knowledge into clinical practice. Learning Exercises furnished in each chapter facilitates the students to assess themselves and reflect on what had been learnt. Synopsis of Treatment Planning for Different Malocclusions, the last chapter serves not only as a guide to recap the depth and breadth of factual comprehension but also to promote analysis, evaluation and judgment in orthodontic treatment philosophies. Written for neonatal and pediatric nurse practitioner students, Fetal and Neonatal Physiology for the Advanced Practice Nurse explores the developmental physiology of premature and term infants and presents common diseases that affect this specialized population. This unique text offers an innovative and engaging approach to learning normal and abnormal physiology to prepare students for their roles as resourceful and informed problem-solvers, caregivers, and health promoters. Part One introduces core concepts including fetal origins of disease, genetic inheritance patterns, and placental physiology. Part Two investigates each major human body system. Finally, Part Three offers an exploration into the transition to extrauterine life and common challenges for perinatal and neonatal clinicians. With a multitude of student learning resources and tools, Fetal and Neonatal Physiology for the Advanced Practice Nurse promotes contemplative thinking, understanding, and retention. Every chapter includes learning objectives for guidance, advice from the authors, and a mind map to visualize difficult concepts. Written by junior and senior nurses and physicians, this text embodies the interprofessional approach associated with optimal outcomes. Chapter podcasts and discussion questions are included with the text to actively integrate written content and engage students using multisensory teaching methods. Key Features: Presents a concise, visual and interactive presentation of a challenging subject. Designed specifically to accommodate a semester-long course. Contains numerous illustrations depicting fetal development and physiology of the different body systems. Each chapter contains reflective questions and other interactive learning resources. Incorporates genetics and pathophysiologic correlations. Meets the nationally-recognized accreditation requirements for APN physiology coursework.

This innovative, introductory text is authored by key subject leaders in clinical neuroendocrinology with decades of research and teaching experience. Addressing the need for a concise description of human neuroendocrine systems, this important review of various significant basic science advances is relevant for all levels of experience. An indispensable resource for a variety of learners, this book will also enable biomedical science graduate students to extend their knowledge using its valuable clinical context. Beautifully illustrated, this text integrates basic scientific principles with clinical cases and includes several illustrated imaging studies, and in-depth discussions of basic principles and their interpretations. Extensive reference lists of clinical papers, teaching resources and a selection of review questions are included with each chapter, emphasizing the real-life importance of basic neuroendocrine principles in human health and disease. Clinical reviews are included to provide convenient links to more

specialized texts, ensuring a successful springboard for learners worldwide.

This is a compilation strictly according to the Central Council of Homeopathy (CCH) syllabus. It is in a Question Answer format which shall prove to be of utmost benefit to all undergraduate and post-graduate students of homeopathy to face academic examinations much more confidently as this book shall verse them well of how to prepare the answers and also how to format and present it in the answer script. The book will help students to easily handle examinations and they will be able to co-ordinate between time and word limit. The author has consulted all the physiology books presently available in the market in detail in the making of this book; thus, ensuring that no important concept gets missed out. The book is a must-buy for all aspiring homeopathic students.

Stephen King, Over leven en schrijven 'Een meesterverteller.' VPRO Gids 'Hoe doet King dat toch?' vroeg Joost Zwagerman zich al af in de Volkskrant. Hoe slaagt King er toch telkens weer in zijn lezers aan zich te binden en ze te verrassen? Hierover gaat Over leven en schrijven. Stephen King verhaalt over zijn jeugd, zijn puberjaren en zijn studietijd. Over de jaren na zijn doorbraak als schrijver, met Carrie, waarin succes en stress hem achtervolgen en de drank een uitvlucht biedt. Over het ongeluk dat hem in 1999 bijna het leven kost. En hoe hij er weer bovenop komt door zijn onweerstaanbare drang tot schrijven. Over wat hem inspireert en hoe hij te werk gaat. En natuurlijk laat King zijn licht schijnen over het belangrijkste wapen van elke schrijver: de pen die de auteur altijd in de aanslag moet hebben. Over leven en schrijven is een bron van inspiratie, voor zowel lezers als (aspirant-)schrijvers. Stephen King (1947) heeft meer dan tweehonderd verhalen op zijn naam staan, waaronder vijftig thriller- en fantasy-titels, alle wereldwijde bestsellers, waaronder Under the Dome (Gevangen), 22-11-1963, De Donkere Toren-reeks, Joyland, De Shining en Dr. Sleep.

Systematically divided into six parts, this book presents a lucid and comprehensive exposition of Clinical Cardiology. The basic concepts and procedures have been explained in a simple and logical manner and a large number of illustrations and tables have been included throughout the text to facilitate understanding of the subject. In total, there are 749 figures, 245 tables, and 675 references. The book will serve as an ideal text for postgraduate students of General Medicine, Cardiology and Pediatrics. Also, it will be an extremely useful and reliable reference source for the practising physicians. Beginning with a clear description of basic anatomy and physiology relating to cardiovascular medicine, the book explains cardiac history taking and symptomatology. It then describes general physical examination along with arterial pulse and blood pressure. This is followed by a detailed discussion of cardiovascular examination including inspection, palpation, percussion, precordium in common heart diseases and auscultation. Thereafter, basic investigations necessary for diagnosis and management are described. These feature clinical electrocardiography which includes normal ECG, common disease conditions, drug effects, arrhythmias and prediction of coronary artery occlusion. This section also discusses radiology of the heart describing introduction, technical facts, routine reporting of x-ray chest, calcifications and other views.

This textbook is a comprehensive guide to physiology for undergraduate and postgraduate medical students. Divided into seven sections, the book covers haematology, physiological testing, clinical examination, and experimental physiology. The final sections provide charts and key questions, calculations, and sample problem solving. Each section is further subdivided into several chapters providing extensive detail on each topic. This ninth edition has been fully revised to provide students with the latest information and advances in the field. The book is highly illustrated with photographs, diagrams and flowcharts, and will assist students in preparation for examinations. Key points Comprehensive guide to physiology for medical students Fully revised, new edition providing latest information in the field Highly illustrated with photographs, diagrams and flowcharts Previous edition (9789350259320) published in 2012

For two decades, Swine in the Laboratory: Surgery, Anesthesia, and Experimental Techniques has been the most respected practical technical guide for medical and veterinary researchers using swine as experimental animals. Extensively updated and expanded since the publication of the second edition in 2007 and now sponsored by the American College of Biometrics in a Data Driven World: Trends, Technologies, and Challenges aims to inform readers about the modern applications of biometrics in the context of a data-driven society, to familiarize them with the rich history of biometrics, and to provide them with a glimpse into the future of biometrics. The first section of the book discusses the fundamentals of biometrics and provides an overview of common biometric modalities, namely face, fingerprints, iris, and voice. It also discusses the history of the field, and provides an overview of emerging trends and opportunities. The second section of the book introduces readers to a wide range of biometric applications. The next part of the book is dedicated to the discussion of case studies of biometric modalities currently used on mobile applications. As smartphones and tablet computers are rapidly becoming the dominant consumer computer platforms, biometrics-based authentication is emerging as an integral part of protecting mobile devices against unauthorized access, while enabling new and highly popular applications, such as secure online payment authorization. The book concludes with a discussion of future trends and opportunities in the field of biometrics, which will pave the way for advancing research in the area of biometrics, and for the deployment of biometric technologies in real-world applications. The book is designed for individuals interested in exploring the contemporary applications of biometrics, from students to researchers and practitioners working in this field. Both undergraduate and graduate students enrolled in college-level security courses will also find this book to be an especially useful companion.

In 150 ECG-problemen vindt u een selectie van klinische problemen met daarbij de relevante ECG's. U wordt uitgedaagd deze ECG's eerst zelf te interpreteren in het licht van de patient en de kliniek. Vervolgens neemt u een besluit en formuleert u een plan van aanpak, voordat u de interpretatie bekijkt. De ECG's variëren van eenvoudig tot moeilijk en staan in een willekeurige volgorde. Aan een kant van de pagina staat het probleem met bijbehorende ECG, op de andere zijde staat het antwoord met de bevindingen en de toe te passen behandeling. Dit boek is door Piet Machielse, spoedeisende hulp verpleegkundige, vertaald uit het engels. De auteur van de Engelstalige versie John Hampton, heeft zoveel mogelijk de werkelijkheid nagebootst. Net als in de praktijk komen in willekeurige volgorde complexe en minder complexe vraagstukken aan bod. Hierdoor is het boek geschikt voor lezers van verschillende niveaus; van student tot specialist en van verpleegkundige tot afdelingsarts. Kortom: 150 ECG-problemen is een uniek boek met bijzondere ECG's. Een must voor de ECG-freaks onder de verpleegkundigen, specialisten en voor de arts in opleiding. En een praktisch boek voor geïnteresseerden die ECG's willen leren lezen en hun vaardigheid daarin willen bijhouden."

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source for the practising physicians. About the Author : - BN Vijay Raghawa Rao MD, DM(CARDIO), DHA, FCCP, FICC , Addl. Director, Professor and Head Department of Medicine, Gandhi Medical College/Gandhi Hospital, Secunderabad, Hyderabad, Andhra Pradesh, India

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The book is written system wise. The theme includes the way alterations are produced in normal physiology by disease, leading to the generation of symptoms and signs. This approach is expected to help the student appreciate the role of basic sciences in understanding the pathophysiology of disease. Simple flow charts and diagrams are used to explain the text. For each chapter there is a Short Questions-Answers module which offers explanation to the questions raised in the text. The book has been treated keeping in view the environmental and socio economic factors that control lives in India. There has been no attempt to deal with every mundane subject in the field of physiology. In each chapter only certain aspects of the subject have been dealt with. The areas chosen are generally found interesting by most students. Two chapters namely Circadian Rhythms and Pathophysiology of Stress, and Pathophysiology of Thermoregulatory Disorders are new innovations. The aim of the book is to enthuse the student into thinking in "Clinical terms" using basic sciences as back drop and to conceptualize and derive conclusions rather than memorize facts.

First edition of 2007 and the revised reprints of 2012 were well received by PGs and other medical fraternity. This 2nd edition has been thoroughly revised and updated as per the suggestions & feedbacks from PGs, practicing Physicians & Cardiologists with more illustrations, tables, added flow charts , video and audio tagging so as to make it more lucid, and understandable, that will benefit UG medical students also. j A new chapter "Cardiovascular System Examination in Common Heart Diseases" discusses general physical examination. Pulse, BP, JVP besides ,Inspection ,Palpation ,Percussion, Auscultatory findings and investigations required for diagnosis & management of common 25 heart diseases both acquired and congenital. k An attempt has been made to video case chapters 13 to 22 i.e. General Physical Examination, Pulse, BP measurement, JV Pulse and Cardiovascular System Examination of common heart diseases, which will greatly help in understanding Clinical Cardiology. l Similarly Clinical Electrocardiography has been expanded to 15 chapters with more illustrations and flow charts for easy and better comprehension . m This edition also includes an introductory chapter on "CT Coronary Angiography and Cardiac Magnetic Resonance Imaging", which are the recent advances in armamentaria of investigations and have become essential for the management of cardiovascular diseases. n Portraits of Stalwarts whose discoveries and inventions enabled us to understand the Evidence based Clinical Cardiology comprehensively and scientifically, which paved the way for better Management skills have been added as a humble tribute

Now in its revised, updated Seventh edition, this text provides residents and medical students with a broad overview of adult and pediatric orthopaedics. Major sections focus on general and regional disorders of the musculoskeletal system.

Haven't you always thought how boring a medical student's life is? How stressful and fun-less it is? How they have no life what so ever? How they have nothing more to do other than reading books and saving lives? Well this book is going to make you think otherwise. A young boy, who has just passed out from high school is pushed into med school by his parents for a promising future. Dumped in a hostel first time far away from home, in a strict lifeless college Himanshu considers running away from everything. A new roommate who steals his soap, naked dead bodies lying on a table staring at him, new books that make no sense, new friends who hate him but fake a smile and senior girl who molests him, Himanshu has much more problems to face. And just when he is about to settle down and grow up, the love bird shits on him. Jumping between lust, love, friendship and medicine, Himanshu realizes it's not the end, but it is just the beginning.

Bill Bryson toont in 'Het lichaam' dat er geen wonderbaarlijker verhaal bestaat dan dat van ons eigen lichaam. In zijn bestseller Een kleine geschiedenis van bijna alles maakte Bill Bryson de wetenschap over het ontstaan van de wereld op onweerstaanbare wijze toegankelijk voor miljoenen lezers. Nu richt hij zijn aandacht op de kleinste eenheid van ons bestaan: onszelf. Want elk mens is een universum op zich, bestaande uit 37,2 biljoen cellen. Als je elke streng DNA uit onze cellen achter elkaar zou leggen, zou dat een lint opleveren van 16 miljard kilometer. We worden bewoond door 40 000 soorten microben. En hoe vaak denk je dat je per dag met je ogen knippert? Het antwoord: 14 000 keer, waardoor we zo'n 23 minuten per dag met gesloten ogen doorbrengen. In 'Het lichaam' neemt Bryson ons mee op een fascinerend avontuur van kop tot teen. Uitzonderlijk rijk aan informatie, onderhoudend, vol humor: dit is Bill Bryson op zijn best.

Nanoneuroscience, nanoneurosurgery, and nanobioelectronics have the potential to revolutionize medicine and improve the prevention, diagnosis, and treatment of neurological disorders over the next 10-20 years. The Textbook of Nanoneuroscience and Nanoneurosurgery presents a state-of-the-art review of the field, providing current information about n

In its 19th edition, the book continues to provide a comprehensive coverage on the basic principles of plant physiology. It focuses on the concepts of plant physiological form & functions as well as processes in crop production. Besides fulfilling the needs of undergraduate students, this book will be useful to postgraduate students and also to those appearing in various competitive examinations.

A comprehensive text book by Wolters Kluwer Lippincott covering all key features that are very helpful for the medical students.

In De man die zijn vrouw voor een hoed hield vertelt Oliver Sacks de verhalen van mensen die lijden aan perceptuele en intellectuele afwijkingen: patiënten die hun herinneringen kwijt zijn, niet langer in staat zijn om geliefden of alledaagse voorwerpen te herkennen, of patiënten die te maken hebben met tics en die zonder dat te willen obsceniteiten schreeuwen. Hoewel deze gevallen ons vaak bizar voorkomen, worden ze door Sacks' respectvolle en sympathieke wijze van vertellen diep menselijk. Aan de hand van fascinerende en vaak ontroerende ziektegeschiedenissen laat Sacks zien hoe het is om te moeten leven met een neurologische afwijking.

In the first chapter, a list of all colleges offering under-graduate course in Homoeopathy in India is given. It will be a lot of help for students who want to choose homoeopathy as a career.

This Textbook of Cardiology (A Clinical and Historical Perspective) written in straight-forward, clear, lucid and easy to grasp language. It published for the first time in the world with the unique feature of mingling various aspects of clinical cardiology with the historical perspective. More than 100 contributors from India and abroad have contributed in the book. Unique for enhancing knowledge and innovative potentials for undergraduates, postgraduates and practising

cardiologists, cardiac surgeons, pediatricians and pediatric surgeons, intensivists and physicians. The book is organized into

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