

Diacap B Braun

Van populair weblog naar New York Times-bestseller is dit hét boek voor zelfhulphaters! Stop met altijd maar positief zijn, en leer in plaats daarvan om te gaan met je tekortkomingen en de tegenslagen in het leven. Zodra je niet meer wegrent voor je angsten, fouten en onzekerheden maar de pijnlijke waarheid onder ogen durft te zien, vind je de moed en het zelfvertrouwen waar je in deze tijd zo'n behoefte aan hebt. Mark Manson geeft je de tools om te kiezen waar jij om geeft, en dus ook waar je niet om geeft. Dat idee omarmen werkt bevrijdend. Humoristisch en vol goede grappen, maar bovenal ondersteund door wetenschappelijk onderzoek.

This concise, user-oriented and up-to-date desk reference offers a broad introduction to the fascinating world of medical technology, fully considering today's progress and further development in all relevant fields. The Springer Handbook of Medical Technology is a systemized and well-structured guideline which distinguishes itself through simplification and condensation of complex facts. This book is an indispensable resource for professionals working directly or indirectly with medical systems and appliances every day. It is also meant for graduate and post graduate students in hospital management, medical engineering, and medical physics.

Beginning with an introduction to kidney function, renal replacement therapies, and an overview of clinical problems associated with haemodialysis, this book explores the principles of the short-term baroreflex regulation of the cardiovascular system and the mechanisms of water and solute transport across the human body from a mathematical model perspective. It synthesizes theoretical physiological concepts and practical aspects of mathematical modelling needed for simulation and quantitative analysis of the haemodynamic response to dialysis therapy. Including an up-to-date review of the literature concerning the modelled physiological mechanisms and processes, the book serves both as an overview of transport and regulatory mechanisms related to the cardiovascular system and body fluids and as a useful reference for the study and development of mathematical models of dynamic physiological processes. Mathematical Modelling of Haemodialysis: Cardiovascular Response, Body Fluid Shifts, and Solute Kinetics is intended for researchers and graduate students in biomedical engineering, physiology, or medicine interested in mathematical modelling of cardiovascular dynamics and fluid and solute transport across the human body, both under physiological conditions and during haemodialysis therapy.

Het is gruwelijk genoeg om getuige te zijn van een moord. Het is nog erger als niemand je gelooft. De vrouw in suite 10 is de nieuwe, razend spannende thriller van Ruth Ware, bekend van In een donker, donker bos, dat wordt verfilmd door Reese Witherspoon. Dit had het perfecte tripje moeten zijn. Dit was haar kans op promotie. Maar een moordenaar gooit roet in het eten. En zij is de enige getuige. Tijdens een cruise is Lo Blacklock getuige van een moord, maar niemand gelooft haar. Vastberaden om erachter te komen wie het slachtoffer was en waarom ze vermoord is, gaat Lo op zoek naar de waarheid. Maar Lo zal er snel achter komen dat een moordenaar niet gediend is van mensen die hun neus in andermans zaken steken...

Charged with ensuring the confidentiality, integrity, availability, and delivery of all forms of an entity's information, Information Assurance (IA) professionals require a fundamental understanding of a wide range of specializations, including digital forensics, fraud examination, systems engineering, security risk management, privacy, and compliance. Establishing this understanding and keeping it up to date requires a resource with coverage as diverse as the field it covers. Filling this need, the Encyclopedia of Information Assurance presents an up-to-date collection of peer-reviewed articles and references written by authorities in their fields. From risk management and privacy to auditing and compliance, the encyclopedia's four volumes provide comprehensive coverage of the key topics related to information assurance. This complete IA resource: Supplies the understanding needed to help prevent the misuse of sensitive information Explains how to maintain the integrity of critical systems Details effective tools, techniques, and methods for protecting personal and corporate data against the latest threats Provides valuable examples, case studies, and discussions on how to address common and emerging IA challenges Placing the wisdom of leading researchers and practitioners at your fingertips, this authoritative reference provides the knowledge and insight needed to avoid common pitfalls and stay one step ahead of evolving threats. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: ? Citation tracking and alerts ? Active reference linking ? Saved searches and marked lists ? HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk

This second edition of the Manual of Clinical Dialysis is a concise and well-illustrated guide to all aspects of dialysis. All chapters have been revised and present a complete overview of the techniques, processes and equipment involved in clinical dialysis as well as an overview of the complications of dialysis. The manual also provides an overview of common clinical problems related to renal failure such as hypertension, anemia and renal osteodystrophy.

Al meer dan dertig jaar weten we dat er een klimaatcrisis aan zit te komen, maar met die kennis hebben we weinig gedaan. Pas toen Greta Thunberg 'Brand!' riep en 1,6 miljoen scholieren wereldwijd haar voorbeeld volgden, begon de urgentie van de situatie werkelijk door te dringen – en nog gaan de meesten van ons door met leven zoals we dat altijd al hebben gedaan. Naomi Klein schrijft al tien jaar over het klimaat. Tien jaar waarin de aarde onherstelbare schade heeft opgelopen en de politieke landkaart ingrijpend is veranderd. Te lang hebben we het economische systeem van ongelimiteerde consumptie en ecologische uitputting in stand gehouden. Voor Klein – en voor steeds meer mensen – is er maar één conclusie mogelijk: de economische, sociale en ecologische crises waar we ons in bevinden, houden sterk verband met elkaar. We moeten onze beschaving ingrijpend veranderen. Het is tijd voor een nieuwe groene politiek.

The main objective of this technical compendium is to cover the entire spectrum pertaining to a medical equipment called Hemodialysis machine. This report explains the clinical aspects, requirements, and principles to understand the working of the equipment. The detailed technical aspects shed light on the criticality of the product at a component level and provide the

information about relevant standards and regulations. In addition, the report is also briefly touching upon the export & import analysis.

Medical texts written in English during the late Middle Ages have in recent years attracted increasing attention among scholars. From approximately 1375 onwards, the use of English began to gain a firmer foothold in medical manuscripts, which in previous centuries had been written mainly in Latin or French. Scholars of Middle English, and editors of medical texts from late medieval England, are thus faced with a huge medical vocabulary which no single volume has yet attempted to define. This dictionary is therefore an essential reference tool. The material analysed in the Dictionary of Medical Vocabulary in English, 1375–1550 includes edited texts, manuscripts and early printed books, and represents three main types of medical writing: surgical manuals and tracts; academic treatises by university-trained physicians, and remedybooks. The dictionary covers four lexical fields: names of sicknesses, body parts, instruments, and medicinal preparations. Entries are structured as follows: (1) headword (2) scribal variants occurring in the texts (3) etymology (4) definition(s), each definition followed by relevant quotations (5) references to corresponding entries in the Dictionary of Old English, Middle English Dictionary, and The Oxford English Dictionary (6) references to academic books and articles containing information on the history and/or meaning of the term.

This book gives a complete description of online hemodiafiltration, in five sections. It is unique in the systematic and complete way in which hemodiafiltration is described. Each chapter is completed by a point-to-point summary of essential information, in a separate text box. Part of the book is dedicated to the theoretical background of convective clearance. In this part, safety issues and quality control is reviewed (especially on the quality of water for dialysis and substitution fluid), as well as equipment (both dialyzers and machines) with which this treatment can be performed. As recently the results of several randomized controlled trials were available, the effect of hemodiafiltration on hard clinical end points (mortality and morbidity) is discussed in detail. This has not been done before, as the most recent book/journal on hemodiafiltration was published in 2011, before the results of the 3 randomized controlled trials were published. Furthermore, the methodological quality of the trials is discussed by an expert, in order to help the readers in their judgment of the trials Part of the book concentrates on the effect of the treatment on several biomarkers and uremic toxins. Several clinically relevant issues is discussed separately, such as the prescription of anticoagulation during the treatment, drug prescription and clearance for patients treated with hemodiafiltration, and hemodynamic stability. Finally, a practical guide on how to perform the treatment is provided. In this unique section, seemingly simple but important details of hemodiafiltration-treatment is discussed, such as the importance of needle size for blood flow rates, the difference between filtration fraction and substitution ratio, the different targets that can be set and how to reach them. As most literature is mainly focused on theoretical issues, this unique feature really will help the field to perform hemodiafiltration, and answer practical questions.

Waarom hebben getalenteerde mensen vaak moeite om hun doelen te bereiken terwijl minder begaafde individuen soms zonder slag of stoot verbazingwekkende prestaties leveren? Op basis van haar eigen verhaal als dochter van een wetenschapper die zich vaak beklagde over haar vermeende gebrek aan intelligentie, beschrijft Angela Duckworth haar loopbaan door het onderwijs, de consultancybusiness en de neurowetenschap. Het leidde tot de hypothese dat werkelijk succes vooral ontstaat door een speciale mix van volledige overgave en de vastberadenheid om te werken aan je langetermijndoelen: grit. In dit boek doet Duckworth, winnaar van de prestigieuze MacArthur Genius Award, haar theorie uit de doeken en helpt ze iedereen om aan de hand van zes kernwaarden hun eigen grit-factor te bepalen: hoop, inspanning, precisie, passie, rituelen en prioriteiten. Grit gaat voorbij aan clichés als 'succes is vooral hard werken' en biedt een frisse en motiverende manier om zelf ongekennde resultaten te behalen. Kidney Transplantation, Bioengineering, and Regeneration: Kidney Transplantation in the Regenerative Medicine Era investigates how the field of regenerative medicine is changing the traditional premises of solid organ transplantation, specifically within the field of kidney transplantation. In Section 1, chapters illustrate the state of the art in kidney transplantation as well as the research behind the bioengineering and regeneration of kidney organoids for therapeutic renal replacement. In Section II, chapters catalog the technologies that are being developed and the methods that are being implemented to bioengineer or regenerate kidneys in order to restore function, while critically highlighting those technological advances which hold the most promise. The book thus encompasses clinical renal transplantation, tissue engineering, biomaterial sciences, stem cell biology, and developmental biology, as they are all applied to the kidney. Focuses on the synergy between renal organ transplantation and regenerative medicine, highlighting the advances within transplantation, bioengineering, regeneration, and repair Educates the transplant community on important regenerative medicine research pertinent to kidney transplantation Develops a shared language for clinicians, surgeons, and basic researchers to reach across the fields of transplantation and regenerative medicine, and facilitate more productive investigation and research Catalogs the technologies being developed and methods being implemented to bioengineer or regenerate kidneys to restore function

The revised, updated Fourth Edition of this popular handbook provides practical, accessible information on all aspects of dialysis, with emphasis on day-to-day management of patients. Chapters provide complete coverage of hemodialysis, peritoneal dialysis, special problems in dialysis patients, and problems pertaining to various organ systems. This edition reflects the latest guidelines of the National Kidney Foundation's Kidney Disease Outcomes Quality Initiative (KDOQI) on hemodialysis and peritoneal dialysis adequacy and on nutrition. New chapters cover chronic kidney disease management in predialysis patients, frequent daily or nocturnal hemodialysis, and hemodiafiltration. Chapters on venous and arteriovenous access have been completely revised. Each chapter provides references to relevant Web sites.

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