

## Kedah Protocol Of Obstetrics And Gynaecology

This book constitutes the refereed proceedings of the 5th International Conference on Soft Computing in Data Science, SCDS 2019, held in Iizuka, Japan, in August 2019. The 30 revised full papers presented were carefully reviewed and selected from 75 submissions. The papers are organized in topical sections on ?information and customer analytics; visual data science; machine and deep learning; big data analytics; computational and artificial intelligence; social network and media analytics.

This book is the seventh in a series of titles from the National Research Council that addresses the effects of exposure to low dose LET (Linear Energy Transfer) ionizing radiation and human health. Updating information previously presented in the 1990 publication, Health Effects of Exposure to Low Levels of Ionizing Radiation: BEIR V, this book draws upon new data in both epidemiologic and experimental research. Ionizing radiation arises from both natural and man-made sources and at very high doses can produce damaging effects in human tissue that can be evident within days after exposure. However, it is the low-dose exposures that are the focus of this book. So-called "late" effects, such as cancer, are produced many years after the initial exposure. This book is among the first of its kind to include detailed risk estimates for cancer incidence in addition to cancer mortality. BEIR VII offers a full review of the available biological, biophysical, and epidemiological literature since the last BEIR report on the subject and develops the most up-to-date and comprehensive risk estimates for cancer and other health effects from exposure to low-level ionizing radiation.

This publication presents a detailed review and assessment of the governance, infrastructure, and financing aspects of hospital care in Pakistan's Khyber Pakhtunkhwa Province. Fast demographic growth, poor access to and utilization of health services, an underfunded public health system, and fragmented reform initiatives are among the key challenges in the province. The Government of Khyber Pakhtunkhwa commissioned the Asian Development Bank to conduct the review to aid the creation of a comprehensive strategy to guide investments and projects in the health sector.

This book collects the contributions of a number of clinical psychiatrists all over the world, interested in developing basic research about anxiety and in applying it in clinical contexts. It is divided into four sections, covering general issues about anxiety (ethological and developmental ones), basic research issues on specific aspects of anxiety (bioanatomical ones, correlation with personality structure and so on), and new clinical and therapeutical proposals and hypothesis. Each author summarized the clinical importance of his work, underlining the clinical pitfalls of this publication.

Labour Ward Manual, Second Edition provides guidelines for the application of obstetric knowledge to the labor ward environment. The practice of obstetrics is still an art and as such encompasses alternative approaches to achieve the same welcome end, the safety and wellbeing of both mother and child throughout labor and after delivery. The steps suggested for patient management and presentation concentrate on safety and simplicity. Throughout this book, it is stressed that the laboring woman and the fetus are the most important persons in the labor ward. This book clearly documents the emphasis on the atmosphere of ready redress by litigation; approach to women with individual needs; special care in the sensitive issue of induction; fetal monitoring; fluid replacement together with a clear protocol for management of fetal and maternal mishaps; and problems and hazards of women in the labor ward of hepatitis B or human immunodeficiency virus (AIDS) infection. This edition provides a clear concise guidance for all those involved in child birth.

Bioinformatics is an integrative field of computer science, genetics, genomics, proteomics, and statistics, which has undoubtedly revolutionized the study of biology and medicine in past decades. It mainly assists in modeling, predicting and interpreting large multidimensional biological data by utilizing advanced computational methods. Despite its enormous potential, bioinformatics is not widely integrated into the academic curriculum as most life science students and researchers are still not equipped with the necessary knowledge to take advantage of this powerful tool. Hence, the primary purpose of our book is to supplement this unmet need by providing an easily accessible platform for students and researchers starting their career in life sciences. This book aims to avoid sophisticated computational algorithms and programming. Instead, it focuses on simple DIY analysis and interpretation of biological data with personal computers. Our belief is that once the beginners acquire these basic skillsets, they will be able to handle most of the bioinformatics tools for their research work and to better understand their experimental outcomes. Our second title of this volume set In Silico Life Sciences: Medicine provides hands-on experience in analyzing high throughput molecular data for the diagnosis, prognosis, and treatment of monogenic or polygenic human diseases. The key concepts in this volume include risk factor assessment, genetic tests and result interpretation, personalized medicine, and drug discovery. This volume is expected to train readers in both single and multi-dimensional biological analysis using open data sets, and provides a unique learning experience through clinical scenarios and case studies.

Pelvic Floor Re-education encompasses a variety of techniques for increasing the strength of, and control over, the pelvic floor muscles. These techniques are now emerging as an effective and viable alternative to surgery in the treatment of urinary incontinence and related conditions. This volume presents a reasoned, scientific approach to the use of pelvic floor re-education. Starting with the latest theories on anatomy, pathophysiology and possible causes of pelvic floor damage, the text then describes the importance of pelvic floor evaluation in determining the type of treatment required. A number of re-education techniques are assessed including isolated muscle exercise, vaginal cones, biofeedback control and electrical stimulation. Recent research work is also reviewed which allows the reader to evaluate the different modalities advocated in the management of pelvic floor dysfunction.

This book is written with the intention of sharing the basic knowledge of epidemiology with undergraduate students, academicians, medical health practitioners and allied health professionals. It is written in a lecture note format for easy understanding and as a guide to improve the understanding of epidemiology.

Islamic counselling is a form of counselling which incorporates spirituality into the therapeutic process. Until now there has been little material available on the subject with no one agreed definition of Islamic counselling and what it involves. There has also been a rapidly growing population of Muslims in Western societies with a corresponding rise in need of psychological and counselling services. Islamic Counselling: An Introduction to theory and practice presents a basic understanding of Islamic counselling for counsellors and Islamic counsellors, and provides an understanding of counselling approaches congruent with Islamic beliefs and practices from a faith-based perspective. The book is designed as an introduction for counsellors, its goal is to inform the reader about how the diverse roles of the Islamic counsellor fit together in a comprehensive way and to provide the guidelines that can be potentially integrated into a theoretical framework for use. The book is divided into two parts. Section one: Context and Background, and Section two: Assessment, Models and Intervention Strategies. Islamic Counselling encompasses both current theory, research and an awareness of the practice implications in delivering appropriate and effective counselling interventions with Muslim clients. It will be essential reading for both professionals and students alike.

An Overview of TCI and TIVA was written by two pioneers in the field of targeted drug delivery in anesthesia. Despite its small size, this book is a rich source of information on the structure, function, and clinical applications of target-controlled infusion (TCI) systems. [...] The text has the appearance of class notes rather than a formal manual; however, this feature enhances the tutorial dynamics of the book and should attract individuals involved in learning such as anesthesia residents and specialists flirting with total intravenous anesthesia (TIVA).' - David O. Warner, editor of Anesthesiology. AUTHORS: Anthony Absolom is Professor of Anesthesia at the University of Groningen. Michel Struys is Professor on Anaesthesia at Ghent University and the Universal Medical Center Groningen and Director at the British Journal of Anaesthesia. 27 b/w images

This work is a guidebook for clinicians who are involved in treating depressive patients and also serves the research scientists who are working on the psychopharmacological mechanisms of antidepressant actions and psychopathological mechanisms underlying mood disorders. Mood disorders such as major depressive disorder (MDD), bipolar disorder (BPD) and seasonal affective disorder (SAD) are the most disabling disorders that are among the most expensive of all medical illnesses. The pathophysiology of mood disorders is very complex and involves many mechanisms like circadian rhythm disruption, sleep abnormalities, melatonin rhythm abnormalities and alterations in melatonin receptor mechanisms, abnormalities in monoaminergic neurotransmitter mechanisms, glutamatergic release mechanisms, hippocampal neurogenesis, and abnormal immune and cytokine release mechanisms. Many antidepressants that are in clinical use today including the recently introduced novel agents like agomelatine or other antidepressants cause clinical remission by resynchronizing disrupted circadian rhythms and melatonin receptor functions, enhancing monoaminergic neurotransmission, promoting hippocampal neurogenesis, and regulating immune mechanisms. This book explains various etiological factors that are involved in the pathogenesis of mood disorders and the mechanisms of therapeutic actions of antidepressants including the recently introduced agomelatine and other antidepressants that exhibit rapid onset of action with greater efficacy and fewer side effects. .

The gold-standard guide from the AAP and ACOG -- newly updated and more valuable than ever! Significantly revised and updated, the new 8th edition of this bestselling manual provides the latest recommendations on quality care of pregnant women, their fetuses, and their newborn infants. Jointly developed by the American Academy of Pediatrics (AAP) and American College of Obstetricians and Gynecologists (ACOG), this unique resource addresses the full spectrum of perinatal medicine from both the obstetric and pediatric standpoints. New in the 8th edition: New section on suggested levels of maternal care from birth centers to Level IV institutions New sections on screening for preterm delivery risk added to chapter on antepartum care New topics covered include the timing of cord clamping, the need (or not) for bedrest, and updates in hypertension Guidance regarding postpartum contraception recommendations has been expanded New section on mosquito-borne illnesses (including Zika) New section on infections with high-risk infection control issues Updated recommendations on neonatal resuscitation, screening and management of hyperbilirubinemia, and neonatal drug withdrawal.

Designed as an aid for all clinicians and scientists who are currently engaged in the field of in vitro fertilization and other assisted conception techniques. The book provides a comprehensive account of gamete and embryo quality, and reflects up-to-date assessment of current knowledge.

The Health Systems in Transition (HiT) profiles are country-based reports that provide a detailed description of a health system and of reform and policy initiatives in progress or under development in a specific country. Each profile is produced by country experts in collaboration with an international editor. In order to facilitate comparisons between countries, the profiles are based on a common template used by the Asia Pacific and European Observatories on Health Systems and Policies. The template provides detailed guidelines and specific questions, definitions and examples needed to compile a profile.

Protecting the reproductive potential of young patients undergoing cancer therapy is increasingly important. With modern treatment protocols, 80% of patients can be expected to survive. It has been estimated that up to one in 250 young adults will be a survivor of childhood cancer in the future; infertility, however, may be a consequence. As a wide range of fertility preservation methods are increasingly offered by clinicians, this systematic and comprehensive textbook dealing with the cryobiology, technology and clinical approach to this therapy will be essential reading to infertility specialists, embryologists, oncologists, cryobiologists, ObGyns, andrologists, and urologists with an interest in fertility preservation. Fertility Cryopreservation reviews all the techniques of this increasingly important field within reproductive medicine. It covers the basic principles of pertinent cryobiology, and contains major sections on the different therapies available, written by international specialists combining experience from both academic centers and commercial industries.

Drug Safety in Developing Countries: Achievements and Challenges provides comprehensive information on drug safety issues in developing countries. Drug safety practice in developing countries varies substantially from country to country. This can lead to a rise in adverse reactions and a lack of reporting can exasperate the situation and lead to negative medical outcomes. This book documents the history and development of drug safety systems, pharmacovigilance centers and activities in developing countries, describing their current situation and achievements of drug safety practice. Further, using extensive case studies, the book addresses the challenges of drug safety in developing countries. Provides a single resource for educators, professionals, researchers, policymakers, organizations and other readers with comprehensive information and a guide on drug safety related issues Describes current achievements of drug safety practice in developing countries Addresses the challenges of drug safety in developing countries Provides recommendations, including practical ways to implement strategies and overcome challenges surrounding drug safety

This international survey defines mental health as a basic human right, and tracks the emergence of mental health prevention and promotion as a global priority. Locating mental illness within a cycle of negative causes and effects affecting human quality of life, the editors identify modern policy barriers to promotion/prevention initiatives, particularly the favoring of the biomedical health model by major stakeholders. The book's selection of successful programs from diverse countries displays a lifespan approach, emphasizing the centrality of interdisciplinary educational settings in providing primary and secondary prevention and promotion interventions, and the ongoing fight against missing financial investigations, discrimination and stigma. Together, these papers make a forceful argument for rights-based responses to worldwide mental health needs as part of the commitment toward global human rights and long-term development goals. Included in the coverage: · Mental health priorities around the world. · Social determinants of mental health. · Mental health and stigma: aspects of anti-stigma interventions. · Promoting social and emotional wellbeing and responding to mental health problems in schools. · The promotion and delivery of mental health services in primary care settings. · Economic evaluation of mental health promotion and mental illness prevention. Bringing to the fore public health concerns that are too often marginalized, Global Mental Health is necessary reading for health professionals, health and clinical psychologists, psychiatrists, medical sociologists, and policymakers.

Expanded and updated, the new edition of the bestselling Clinical Protocols in Obstetrics and Gynecology is the definitive quick-reference for use in office practice and hospital settings. With information drawn from ACOG technical bulletins, OB/GYN publications, articles, textbooks, computer sources, and the author's vast personal experience, out!

Obstetric emergencies are unplanned and often unanticipated. Management requires a clear understanding of the life-saving and damage-limiting treatments that can be implemented.

This book contains selected papers which were presented at the 3rd International Halal Conference (INHAC 2016), organized by the Academy of Contemporary Islamic Studies (ACIS), Universiti Teknologi MARA (UiTM) Shah Alam, Malaysia. It addresses halal-related issues that are applicable to various industries and explores a variety of contemporary and emerging issues. Highlighting findings from both scientific

and social research studies, it enhances the discussion on the halal industry (both in Malaysia and at the international level), and serves as an invitation to engage in more advanced research on the global halal industry.

This book presents the RCOG Study Group findings on pregnant women with renal problems.

Wherever you study or practise obstetrics and gynaecology, a sound knowledge of the clinical aspects will underpin your understanding of the specialty and maximise your ability to make a difference to the care of women and babies. A perfect companion to Kumar and Clark's Clinical Medicine, this new edition continues to provide an excellent grounding and framework for handling clinical problems in obstetrics and gynaecology. Highly illustrated with clear, full-colour line drawings and colour photos. Summary boxes and tables throughout. Key-points boxes at the end of each chapter. The latest information for statistics and genetics. Forward-looking approach to obstetrics and gynaecology. History and ethics boxes throughout. Organized into three sections: Fundamentals, Gynaecology, and Pregnancy and the puerperium. New section on sexual and reproductive health New chapter on surgery to aligned with the RCOG undergrad curriculum Anaesthesia chapter totally reworked. Increased coverage of ectopic pregnancy and miscarriage. Fully revised and updated throughout.

Provides effective diagnosis and management of infectious diseases in pregnant women in a single comprehensive available resource for busy clinicians.

International Academic Conferences: Global Education, Teaching and Learning (IAC-GETL 2018) and Management, Economics, Business and Marketing (IAC-MEBM 2018) and Transport, Logistics, Tourism and Sport Science (IAC-TLTS 2018)

This volume brings together for the first time three of Romen Bose's major historical works – Secrets of the Battlebox, The End of the War, and Kranji – in a panoramic account of Singapore's experience in WWII. Sealed off and forgotten until the late 1990s, the Battlebox beneath Fort Canning served as the British Command HQ during the war. What actually happened in this underground nerve centre of the Malayan Campaign? Drawing on top-secret documents only recently opened to research, the author investigates the workings of the Battlebox and the fascinating role it played. Having lost their "impregnable fortress" of Singapore, the British were diverted to the European theatre of war. How then, when the Japanese surrendered, did they prepare to return to their erstwhile colonies? This book goes behind the scenes to investigate the circumstances, events, and unforgettable cast of characters that led up to liberation. Finally, the book considers those who fought and died in the war, and their ways in which they have been remembered in post-war Singapore, with Kranji cemetery and memorial as the centrepiece of the efforts. Singapore At War contains new findings which have come to light since the publication of the individual books, giving an unprecedented breadth and depth of perspective to this historical account.

A dramatic and worldwide increase is occurring in the prevalence of overweight and obesity in women of childbearing age. Obese women carry a significant excess risk of a variety of serious complications during pregnancy, and in addition, maternal obesity predisposes to obesity in the offspring. This book provides a timely update on the latest knowledge on maternal obesity and pregnancy. A very wide range of issues are covered, including macrosomia and associated shoulder dystocia; the risk of miscarriage, malformations, and complications of pregnancy; the impact of hyperglycemia; clinical management; consequences for anesthesia and ultrasound; impacts on breastfeeding, fertility, and childhood obesity; and pregnancy following gastric surgery. All of the authors are recognized experts in their fields, and the book has been designed to meet the practical needs of obstetricians, gynecologists, internists, and general practitioners.

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