Advances and Technical Standards in Neurosurgery
Volume 39
N. Akalan, Hacettepe University, Ankara, Turkey; C. Di Rocco, Università Cattolica del Sacro Cuore, Rome, Italy (Eds)
Pediatric Epilepsy Surgery
The contributions in this volume cover recent advances and changing concepts on diagnosis and treatment of resistant epilepsy in children.
Features
- State-of-the-art
- Wellknown experts
- Collection of papers on one topic
Contents
Field of interest Neurosurgery
Target groups Professional/practitioner
Product category Monograph

Principles of Miniaturized ExtraCorpororeal Circulation
From Science and Technology to Clinical Practice
K. Anastasiadis, P. Antonitis, H. Argiriadou, AHEPA University Hospital, Thessaloniki, Greece
Minimal extracorporeal circulation (MECC) systems have been designed in order to reduce dramatically the side-effects of conventional extracorporeal circulation while serving as a safe perfusion technique for open heart surgery with cardiopulmonary bypass. The book aims to provide an up-to-date and comprehensive overview covering practical advice on how to use MECC systems for those new to the field as well as tips, pitfalls, results, and latest developments. It also offers a systematic review of all published studies on a variety of MECC systems.
Features
- First comprehensive book on MECC systems
- Provides much practical advice on the use of these systems
- Includes a chapter devoted to the application of MECC systems in valve surgery
- Contains special chapters for the perfusionist, the anesthetist, and the surgeon
Contents
Field of interest Cardiac Surgery; Thoracic Surgery
Target groups Professional/practitioner
Product category Monograph

The New Public Health and STD/HIV Prevention
S. O. Aral, K. Fenton, J. A. Lipshutz, Centers for Disease Control and Prevention, Atlanta, GA, USA (Eds)
Contents
Weight of Modernity
An Intergenerational Study of the Rise of Obesity

Over a half of adults in the US, Canada, Australia and numerous European countries are now overweight or obese, a proportion that has risen sharply in the past two decades. Dominant biomedical explanations focus on the energy equation—an imbalance between energy intake and expenditure—and remedies focus on motivating individuals to restore the balance by eating better and being more active, or—in extreme cases—surgical intervention.

Features
► Provides people’s experiences of changing environments and the emergence of social trends
► Yields a comprehensive description of the social environment as it is embodied and multiply determined
► Creates new frameworks of understanding that can help shift obesity trends from their current legal trajectory

Contents

Fields of interest
Public Health/Gesundheitswesen; Sociology, general; Population Economics

Target groups
Research

Product category
Monograph

Due November 2012

2013. VI, 208 p. 7 illus., 3 in color. Hardcover
► * (D) 106,95 | (A) 109,95 | sFr 133,50
► * (D) 99,95 | £90.00

Due December 2012

2013. XIV, 245 p. 213 illus., 181 in color. Hardcover
► * (D) 149,75 | (A) 153,94 | sFr 186,50
► * (D) 139,95 | £126.00
ISBN 978-1-4471-4612-4

Due November 2012

2013. XIV, 348 p. 290 illus., 194 in color. Hardcover
► * (D) 160,45 | (A) 164,94 | sFr 200,00
► * (D) 149,95 | £135.00
ISBN 978-1-4614-5003-0
Handbook of Non-Motor Symptoms in Parkinson’s Disease

Handbook of Non-Motor Symptoms in Parkinson’s Disease is designed to provide practical tips and emphasize key priorities for treatment of non-motor aspects of the disorder. The quick-reference handbook format, with key points highlighted by the use of figures and tables, will provide the reader with high-value practical information.

Features
- Practical handbook to support physicians in their day-to-day practice from diagnosis through to management
- Written by leading neurologists with instant name recognition giving authority to key messages including practical, clinical and treatment guidelines applicable in primary care
- Numerous figures, tables, algorithms and graphs enable complicated concepts to be made clear to readers

Contents

Fields of interest
Geriatrics/Gerontology; Quality of Life Research; Gastroenterology

Target groups
Professional/practitioner

Product category
Handbook

G. Guglielmi, University of Foggia, Italy (Ed)
Osteoporosis and Bone Densitometry Measurements

Osteoporosis is a serious problem worldwide, and its significance is continuing to increase as the world population grows and ages. Osteoporosis and Bone Densitometry Measurements provides a comprehensive review of the latest research on this potentially devastating condition. The book encompasses prevention, diagnosis, and therapy, providing state of the art information on each aspect.

Features
- Presents the latest research on the potentially devastating condition of osteoporosis
- Encompasses prevention, diagnosis, and therapy
- Discusses the role of a range of imaging techniques
- Written by acknowledged experts

Contents

Fields of interest
Imaging / Radiology; Geriatrics/Gerontology; Diagnostic Radiology

Target groups
Professional/practitioner

Product category
Contributed volume

News 10/2012

Due December 2012
2013. XVI, 100 p. 4 illus., 1 in color. Softcover
- * € (D) 42,75 | € (A) 43,95 | sFr 53,50
- € 39,95 | £35.99
ISBN 978-1-907673-23-8

Due November 2012
2013. XIX, 581 p. 72 illus., 33 in color. (Clinical Gastroenterology) Hardcover
- * € (D) 213,95 | € (A) 219,94 | sFr 266,50
- € 199,95 | £180.00

Due February 2013
2013. Approx. 350 p. 100 illus. (Medical Radiology / Diagnostic Imaging) Hardcover
- approx. * € (D) 255,73 | € (A) 262,90 | sFr 318,50
- approx. € 239,00 | £215.50
ISBN 978-3-642-27883-1

K. R. Chaudhuri, King’s College Hospital, London, UK; P. Martinez-Martín, National Center for Epidemiology, Madrid, Spain; P. Odin, Central Hospital, Bremerhaven, Germany; A. Antonini, Istituti Clinici di Perfezionamento, Milan, Italy

Humana Press
**Governo clinico e medicina perioperatoria**

Organizzazione, formazione, performance, eccellenza

**Features**
- Ampia trattazione di numerosi aspetti coinvolti nella gestione pre- e postoperatoria
- Utile panoramica su gestione e ottimizzazione delle strutture operatorie
- Ricco glossario che supporta la consultazione del volume

**Contents**

**Fields of interest**
Medicine/Public Health, general

**Target groups**
Professional/practitioner

**Product category**
Contributed volume

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**S. Hänel**, University of Heidelberg, Germany (Ed)

**Inflammatory Diseases of the Brain**

With contributions by numerous experts

This second, updated edition of Inflammatory Diseases of the Brain provides a comprehensive overview of the field from a neuroradiological point of view. In order to ensure a standardized approach throughout, each disease-oriented chapter is again subdivided into three principal sections: epidemiology, clinical presentation, and therapy; imaging: and differential diagnosis. A separate chapter addresses technical and methodological issues and imaging protocols. An important focus of the book is the current role of advanced MR imaging techniques, such as diffusion and perfusion MRI and MR spectroscopy, in the differentiation of inflammatory and other brain diseases.

**Features**
- Provides a comprehensive overview of inflammatory diseases of the brain from a neuroradiological point of view
- Discusses differential diagnostic aspects in detail
- Includes numerous high-quality, informative illustrations

**Contents**

**Fields of interest**
Imaging / Radiology; Diagnostic Radiology; Neuroradiology

**Target groups**
Professional/practitioner

**Product category**
Contributed volume

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**H. Hashim**, Bristol Urological Institute, UK; **J. Reynard**, N. C. Cowan, The Churchill Hospital, Oxford, UK; **D. Wood**, University College London Hospitals, UK; **N. Armenakas**, Lenox Hill Hospital, NY, USA (Eds)

**Urological Emergencies In Clinical Practice**

Urological Emergencies in Clinical Practice, Second Edition, is a well-researched pocket book that provides a comprehensive summary of urological emergencies and their management, in a form that is concise, relevant to the target audience and readily available. While the description of each emergency condition is comprehensive, the emphasis is on the practical approach to the conditions which are likely to be encountered.

**Features**
- Provides a comprehensive summary of urological emergencies and their management, in a form that is concise, relevant to the target audience and readily available
- Includes a chapter on pediatric urological emergencies
- Is a useful learning aid for those preparing for the Final MB examination, the MRCS (Member of the Royal College of Surgeons), and as a resume for those sitting the FRCS Urology (FRCS Urol) examination and Fellowship of the European Board of Urology (FEBU)

**Contents**

**Field of interest**
Urology/Andrology

**Target groups**
Professional/practitioner

**Product category**
Contributed volume

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Available

2013. XVIII, 366 pagg. 30 figg. Brossura
- * € (D) 50,41 | € (A) 51,83 | sFr 63,00
- * € 47,12 | £42.99

Due February 2013

2nd ed. 2013. 200 p. 310 illus., 10 in color. (Medical Radiology / Diagnostic Imaging) Hardcover
- * (D) 192,55 | € (A) 197,94 | sFr 240,00
- * € 179,95 | £162.00
ISBN 978-3-642-30519-1

Due December 2012

2nd ed. 2013. XV, 263 p. 58 illus., 13 in color. Softcover
- * € (D) 42,75 | € (A) 43,95 | sFr 53,50
- * € 39,95 | £35.99
**Pediatric Biomedical Informatics**

**Computer Applications in Pediatric Research**

**Contents**


**Fields of interest**

Health Informatics; Computational Biology/Bioinformatics; Pediatrics

**Target groups**

Research

**Product category**

Contributed volume

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**Tumors of the Fetus and Infant**

**An Atlas**

Over the past two decades, the remarkable advances in imaging techniques, such as ultrasound and fast or ultra-fast MRI, have led to the diagnosis of an increasing number of tumors at the prenatal stage. This revised, abundantly illustrated second edition of Tumors of the Fetus and Infant: An Atlas presents an up-to-date account of the clinical and pathological features of neoplastic disease and tumor-like conditions in the fetus, neonate, and infant and discusses major tumor studies and cases from throughout the world. The full range of tumors is covered, with each chapter reviewing the incidence, clinical findings, cytogenetics, pathology, radiology, treatment, and prognosis.

**Features**

- Concise, easy to use reference source of value for not only pathologists but also clinicians, resident physicians, and other medical specialists
- Presents and discusses the clinical presentation and features, imaging studies, pathology (gross and microscopic features), and prognosis for each tumor entity
- First atlas to focus solely on tumors in the fetus, neonate, and infant

**Contents**

- General Survey - Germ Cell Tumors - Gonadal Tumors, non-Germ cell - Soft Tissue Tumors - Tumors and Tumor-like Conditions of the Skin - Neuroblastoma - Leukemia - Histiocytoses - Brain Tumors - Tumors of the Eye - Renal Tumors - Liver Tumors - Adrenocortical Tumors - Pancreatic Tumors - Cardiac Tumors - Salivary Gland Tumors - Lung and Chest Wall Tumors - Tumors and Tumor-like Conditions of Bones.

**Fields of interest**

Pathology; Oncology; Pediatrics

**Target groups**

Professional/practitioner

**Product category**

Atlas

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**L’ambulatorio in psichiatria dell’età evolutiva**

Screening, orientamento diagnostico, consultazione breve

In psichiatria dell’infanzia e dell’adolescenza il primo contatto con il paziente riveste una grande importanza clinica e può far risparmiare tempo e risorse. Una consultazione ambulatoriale ben condotta permette di giungere a un’ipotesi diagnostica accurata, orientando inviti per approfondimenti e presa in carico; in alcuni casi, può acquisire carattere terapeutico. Questo volume guida il clinico, anche quando lavora da solo, verso una formulazione diagnostica il più possibile precisa ed esaustiva.

**Features**

- Il volume offre gli strumenti per costruire una diagnosi essenziale ma complessiva (tecniche di colloquio, screening neurologico, test cognitivi, valutazione delle abilità linguistiche e motorie)
- Particolare attenzione è rivolta alle modalità pratiche di intervento
- L’approccio presentato conferisce grande importanza a una valutazione complessiva e unitaria del paziente

**Contents**

Capitolo 1 Psychiatria, psicopatologia e sviluppo - Capitolo 2 La consultazione ambulatoriale - Capitolo 3 La prima visita - Capitolo 4 L colloquio clinico - Capitolo 5 Semeiotica in psichiatria dell’età evolutiva: tecniche per una valutazione ambulatoriale - Capitolo 6 Sintesi, orientamento o formulazione diagnostica, restituzione.

**Fields of interest**

Psychiatry; Pediatrics; Developmental Psychology

**Target groups**

Graduate

**Product category**

Manuale

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Due October 2012

2013. XII, 343 p. 68 illus., 61 in color. (Translational Bioinformatics, Volume 2) Hardcover

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ISBN 978-94-007-5148-4

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Due December 2012

2nd ed. 2013. XIV, 287 p. 379 illus., 186 in color. Hardcover

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ISBN 978-3-642-31619-7

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Available

2012. X, 154 pagg. 4 figg. Brossura

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Infectious Diseases

Selected Entries from the Encyclopedia of Sustainability Science and Technology

Features
- Describes the dynamic nature of infectious disease agents and their complex interactions with the environment and their human and animal hosts
- Covers new technologies for antibiotics, vaccines, and treatment
- Features several contributions on waterborne infectious diseases, including enteric viruses and bacterial pathogens in the ocean
- Provides an excellent introduction for those entering the field, as well as new insights for advanced researchers and industry experts

Contents
1. Infectious Diseases, Introduction.
2. Antibiotics for Emerging Pathogens.
4. Human Bacterial Diseases from Ocean.
5. Infectious Disease Modeling.
6. Infectious Diseases, Climate Change Effects on.
7. Infectious Diseases, Vibriational Spectroscopic Approaches to Rapid Diagnostics.
8. Malaria Vaccines.
11. Tropical Health and Sustainability.
12. Tuberculosis, Epidemiology of.
14. Waterborne Infectious Diseases, Approaches to Control.
15. Waterborne Parasitic Diseases in Ocean.

Fields of interest
Infectious Diseases; Marine & Freshwater Sciences; Vaccine

Target groups
Upper undergraduate

Product category
Monograph
Pantheon of Dermatology
Outstanding Historical Figures

Contents
New Series
Ethics and Health Policy
Series editors: I. d. Beaufort, A. Strujs

Ethics and Health Policy disseminates international research focused on current ethical issues and moral dilemmas in the broad field of health policy. The contributions, colleagues in the field of policy on health care. The term ‘policy’ referring not only to the government’s policy on health care, but also to policy designers for health care insurance companies, hospitals, or professional associations and health care research. The volumes will be of interest for - Governments at different levels: international, national and local authorities - Agents in the field of health promotion, prevention and health care - Health care insurance companies are also players in this field and their influence is increasing - Health care providers: managers of hospitals and nursing homes - Health care research, those involved in funding and designing health care research and those responsible for designing programs at research organizations - Patients’ and family care associations: at national and international level

Fields of interest
Radiation Therapy; Oncology; Imaging / Radiology

Target groups
Professional/practitioner

Product category
Contributed volume

Due October 2012
2013. XIV, 593 p. 149 illus., 80 in color. Hardcover
- € (D) 181,85 | € (A) 186,94 | sFr 226,50
- € 169,95 | £153.00
ISBN 978-3-642-31333-2

Due November 2012
2013. X, 240 p. (Ethics and Health Policy, Volume 1) Hardcover
- € (D) 149,75 | € (A) 153,94 | sFr 186,50
- € 139,95 | £126.00
ISBN 978-94-007-3869-0

W. Sauverwein, University Hospital, Essen, Germany; A. Wittig, University Hospital, Marburg, Germany; R. Moss, European Commission Joint Research Centre, Petten, The Netherlands; Y. Nakagawa, Kagawa National Children’s Hospital, Kagawa, Japan (Eds)

Neutron Capture Therapy
Principles and Applications

Contents
Fertility Preservation in Females

Emerging Technologies and Clinical Applications

Contents


Fields of interest

Endocrinology; Urology/Andrology; Developmental Biology

Target groups

Professional/practitioner

Product category

Contributed volume

Fertility Preservation in Males

Emerging Technologies and Clinical Applications

Features

Provides up-to-date strategies for fertility preservation in men who require gonadotoxic treatment.- Covers epidemiologic, ethical, medico-legal, psychologic, and a social aspects of fertility preservation.- Combines concise scientific background with practical methodological information and easy-to-grasp algorithms.- Easy to read chapters, using a uniform structure that includes a brief abstract, keyword, glossary, step by step protocol of laboratory procedures, key issues in commentary and a list of references.

Contents


Fields of interest

Endocrinology; Urology/Andrology; Developmental Biology

Target groups

Professional/practitioner

Product category

Contributed volume

Compendium & Atlas of Global Bioethics

Features

First comprehensive survey of global bioethics in specific countries Describes and analyses of bioethics in approximately 50 countries.- Focuses on institutionalisation and the most important state of the art discussions emerging and topics in the field.- Provides a unique global perspective facilitating comparison of the state of bioethics in various countries.

Contents

Section 1: Introduction Section 2: Principles of Global Bioethics Section 3: Cultural Perspectives Section 4: Religious Perspectives Section 5: Specific Issues from a Global Perspective Section 6: Future Perspectives Section 7: Countries

Fields of interest

Theory of Medicine/Bioethics; Ethics; Philosophy of Medicine

Target groups

Research

Product category

Handbook

Due November 2012
Liver Anesthesiology and Critical Care Medicine

Contents
Anesthesiology; Intensive / Critical Care Medicine; Transplant Surgery

Target groups
Professional/practitioner

Product category
Contributed volume

Bioactive Dietary Factors and Plant Extracts in Dermatology

Contents
Clinical Nutrition; Nutrition; Public Health/Ge- sundheitswesen

Target groups
Professional/practitioner

Product category
Contributed volume