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ESSENTIALS OF NEUROANESTHESIA - HEMANSHU PRABHAKAR 2017-03-24

ESSENTIALS OF NEUROANESTHESIA OFFERS USEFUL INSIGHTS ON THE ANESTHETIC MANAGEMENT OF NEUROSURGICAL AND NEUROLOGIC PATIENTS. THIS BOOK COVERS ALL TOPICS RELATED TO NEUROANESTHESIA, PROVIDING ESSENTIAL KNOWLEDGE ON THE BRAIN AND SPINAL CORD. SECTIONS INCLUDE CHAPTERS ON ANATOMY, PHYSIOLOGY, AND PHARMACOLOGY, ALONG WITH SPECIFIC CHAPTERS RELATED TO VARIOUS NEUROSURGICAL AND NEUROLOGICAL PROBLEMS AND THEIR ANESTHETIC MANAGEMENT. THIS BOOK PROVIDES AN UNDERSTANDING OF RELATED ISSUES, SUCH AS PALLIATIVE CARE, EVIDENCE BASED PRACTICE OF NEUROANESTHESIA, STERILIZATION TECHNIQUES, BIostatISTICS, AND ETHICAL ISSUES, AND IS USEFUL FOR TRAINEES, CLINICIANS, AND RESEARCHERS IN THE FIELDS OF NEUROSURGERY, NEUROCRITICAL CARE, NEUROANESTHESIA, AND NEUROLOGY. OFFERS USEFUL INSIGHTS ON THE ANESTHETIC MANAGEMENT OF NEUROSURGICAL AND NEUROLOGIC PATIENTS DISCUSSES RELATED ISSUES, SUCH AS PALLIATIVE CARE, EVIDENCE BASED PRACTICE OF NEUROANESTHESIA, STERILIZATION TECHNIQUES, BIostatISTICS, AND ETHICAL ISSUES USEFUL FOR TRAINEES, CLINICIANS, AND RESEARCHERS IN THE FIELDS OF NEUROSURGERY, NEUROCRITICAL CARE, NEUROANESTHESIA, AND NEUROLOGY

KANGAROO MOTHER CARE - WHO 2003-04-17

KANGAROO MOTHER CARE IS A METHOD OF CARE OF PRETERM INFANTS WHICH INVOLVES INFANTS BEING CARRIED, USUALLY BY THE MOTHER, WITH SKIN-TO-SKIN CONTACT. THIS GUIDE IS INTENDED FOR HEALTH PROFESSIONALS RESPONSIBLE FOR THE CARE OF LOW-BIRTH-WEIGHT AND PRETERM INFANTS. DESIGNED TO BE ADAPTED TO LOCAL CONDITIONS, IT PROVIDES GUIDANCE ON HOW TO ORGANIZE SERVICES AT THE REFERRAL LEVEL AND ON WHAT IS NEEDED TO PROVIDE EFFECTIVE KANGAROO MOTHER CARE.

NONINVASIVE VENTILATION IN HIGH-RISK INFECTIONS AND MASS CASUALTY EVENTS - ANTONIO M. ESQUINAS 2013-11-12

THE PAST FEW DECADES HAVE SEEN MAJOR IMPACTS OF DIFFERENT PANDEMICS AND MASS CASUALTY EVENTS ON HEALTH RESOURCE USE IN TERMS OF RISING HEALTHCARE COSTS AND INCREASED MORTALITY. IN THIS CONTEXT, THE

DEVELOPMENT OF ACUTE RESPIRATORY FAILURE IN PATIENTS REQUIRES THE USE OF MECHANICAL VENTILATION, EITHER INVASIVE OR NONINVASIVE. RECENTLY, NONINVASIVE VENTILATION (NIV) HAS PROVED TO BE A VALUABLE STRATEGY TO REDUCE MORTALITY RATES IN PATIENTS. THIS IS THE FIRST BOOK TO DESCRIBE THE CLINICAL INDICATIONS OF NIV IN PATIENTS WHO HAVE BEEN HOSPITALIZED WITH HIGH-RISK INFECTIONS AS WELL AS IN THE PREHOSPITAL MANAGEMENT OF MASS CASUALTY INCIDENTS, INCLUDING CHEMICAL OR BIOLOGICAL DISASTERS AND PANDEMICS. COMPILED BY INTERNATIONALLY RESPECTED EXPERTS, IT OFFERS COMPREHENSIVE COVERAGE OF ALL ASPECTS OF NONINVASIVE MECHANICAL VENTILATION IN PUBLIC HEALTH EMERGENCIES, SUCH AS EQUIPMENT NEEDS AND GUIDELINES FOR HEALTH ORGANIZATIONS. CONSIDERING RECENT EVENTS (SARS, H1N1 INFLUENZA PANDEMIC), THE BOOK CONCLUDES WITH A CRITICAL REVIEW OF CURRENT STUDIES AND FUTURE PROSPECTS FOR THE USE OF NIV, OFFERING A VALUABLE RESOURCE FOR ALL PRACTITIONERS MANAGING MASS CASUALTY INCIDENTS AND DISASTERS.

FETAL AND NEONATAL LUNG DEVELOPMENT - ALAN H. JOBE 2016-04-18

LUNG DISEASE AFFECTS MORE THAN 600 MILLION PEOPLE WORLDWIDE. WHILE SOME OF THESE LUNG DISEASES HAVE AN OBVIOUS DEVELOPMENTAL COMPONENT, THERE IS GROWING APPRECIATION THAT PROCESSES AND PATHWAYS CRITICAL FOR NORMAL LUNG DEVELOPMENT ARE ALSO IMPORTANT FOR POSTNATAL TISSUE HOMEOSTASIS AND ARE DYSREGULATED IN LUNG DISEASE. THIS BOOK PROVIDES AN AUTHORITATIVE REVIEW OF FETAL AND NEONATAL LUNG DEVELOPMENT AND IS DESIGNED TO PROVIDE A DIVERSE GROUP OF SCIENTISTS, SPANNING THE BASIC TO CLINICAL RESEARCH SPECTRUM, WITH THE LATEST DEVELOPMENTS ON THE CELLULAR AND MOLECULAR MECHANISMS OF NORMAL LUNG DEVELOPMENT AND INJURY-REPAIR PROCESSES, AND HOW THEY ARE DYSREGULATED IN DISEASE. THE BOOK COVERS GENETICS, OMICS, AND SYSTEMS BIOLOGY AS WELL AS NEW IMAGING TECHNIQUES THAT ARE TRANSFORMING STUDIES OF LUNG DEVELOPMENT. THE READER WILL LEARN WHERE THE FIELD OF LUNG DEVELOPMENT HAS BEEN, WHERE IT IS PRESENTLY, AND WHERE IT IS GOING IN ORDER TO IMPROVE OUTCOMES FOR PATIENTS WITH COMMON AND RARE LUNG DISEASES.

AEROSOLS IN MEDICINE - Folke Morén 1993

THIS EDITION INCLUDES CHAPTERS ON THE DIAGNOSTIC AND THERAPEUTIC USE OF AEROSOLS, SYSTEMIC THERAPY, AND PARTICLE SIZE ANALYSIS OF THERAPEUTIC AEROSOLS. IT REVIEWS THE CURRENT STATE-OF-THE-ART, DETAILS IMPORTANT APPLICATIONS AND ASSESSES ENVIRONMENTAL AND OCCUPATIONAL AEROSOLS.

DENTAL MANAGEMENT OF THE MEDICALLY COMPROMISED PATIENT - JAMES W. LITTLE 1993

IS AN UP-TO-DATE, CONCISE, FACTUAL REFERENCE DESCRIBING THE DENTAL MANAGEMENT OF PATIENTS WITH SELECTED MEDICAL PROBLEMS. THE BOOK OFFERS THE DENTAL PROVIDER AN UNDERSTANDING OF HOW TO ASCERTAIN THE SEVERITY AND STABILITY OF COMMON MEDICAL DISORDERS, AND MAKE DENTAL MANAGEMENT DECISIONS THAT AFFORD THE PATIENT THE UTMOST HEALTH AND SAFETY. MEDICAL PROBLEMS ARE ORGANIZED TO PROVIDE A BRIEF OVERVIEW OF THE BASIC DISEASE PROCESS, THE INCIDENCE AND PREVALENCE OF THE DISEASE, PATHOPHYSIOLOGY, SIGNS AND SYMPTOMS, LABORATORY FINDINGS, CURRENTLY ACCEPTED MEDICAL THERAPY OF EACH PROBLEM, AND A DETAILED EXPLANATION AND RECOMMENDATIONS FOR SPECIFIC DENTAL MANAGEMENT. THE ACCUMULATION OF EVIDENCE-BASED RESEARCH OVER THE LAST FEW YEARS HAS ALLOWED THE AUTHORS TO INCLUDE MORE SPECIFIC DENTAL MANAGEMENT GUIDELINES IN THE SIXTH EDITION.

CRITICAL CARE NURSING - KATHY J. BOOKER 2014-12-11

PROVIDING AN EASY-TO-USE REFERENCE, CRITICAL CARE NURSING OUTLINES BEST PRACTICE FOR THE ASSESSMENT, MONITORING AND TREATMENT OF CRITICALLY ILL ADULT PATIENTS. EACH CHAPTER INCLUDES RESEARCH AND EVIDENCE-BASED STRATEGIES FOR TREATING COMMONLY-SEEN CONDITIONS. INITIAL CHAPTERS INTRODUCE ICU SET-UP AND OPERATION, THE RAPID RESPONSE TEAM, VITALS MEASUREMENT AND SHOCK MANAGEMENT STRATEGIES. SUBSEQUENT CHAPTERS, STRUCTURED BY ORGAN SYSTEM, FOCUS ON CARE RELATING TO SPECIFIC ORGAN FUNCTION AND DYSFUNCTION, INCLUDING THE RESPIRATORY, CARDIOVASCULAR, NEUROLOGIC, RENAL AND GASTROINTESTINAL SYSTEMS. KEY INFORMATION ON MONITORING FOR OVERDOSES, SPECIAL CONSIDERATIONS IN TRAUMATIC INJURY AND END-OF-LIFE CONCERNS IS ALSO INCLUDED. CRITICAL CARE NURSING IS A COMPREHENSIVE AND INFORMATIVE RESOURCE FOR EXPERIENCED STAFF NURSES AND ADVANCED PRACTICE NURSES WORKING WITH CRITICALLY ILL PATIENTS ON ICUs, PCUs, TRANSITIONAL CARE UNITS AND WITHIN EMERGENCY CARE DEPARTMENTS.

OPLL - ATSUSHI OKAWA 2020-05-14

THIS PUBLICATION BRINGS TOGETHER INFORMATION ON ALL ASPECTS OF OPLL - EPIDEMIOLOGY, ETIOLOGY, DIAGNOSIS, AND TREATMENT. IT CONTAINS CONTRIBUTIONS BY JAPANESE RESEARCHERS AND SURGEONS, INCLUDING MEMBERS OF THE MINISTRY OF HEALTH AND WELFARE INVESTIGATION COMMITTEE, AND BY AMERICAN SURGEONS WITH EXPERTISE IN THE FIELD. UNTIL NOW, LITTLE HAS BEEN PUBLISHED ON THE SUBJECT IN ENGLISH. THIS COLLECTION OF REPORTS IS AMPLY AUGMENTED WITH ILLUSTRATIONS.

THE ROLE OF THE AUTONOMIC NERVOUS SYSTEM IN PSYCHIATRY - JILL KARATINOS M.D. 2014-09-30

THE ROLE OF THE AUTONOMIC NERVOUS SYSTEM IN PSYCHIATRY WAS PUBLISHED SEPTEMBER 30, 2014, ISBN NUMBER: 978-0-578-13178-8. THIS BOOK IS WRITTEN BY A NEUROPSYCHIATRIST IN PRIVATE PRACTICE (JILL KARATINOS, M.D.) TO EXPLORE NOVEL TREATMENTS FOR 18 COMPLEX PATIENTS. ALL PATIENTS HAVE MULTIPLE PSYCHIATRIC AND MEDICAL DIAGNOSES. THIS NATURALISTIC STUDY CONTRASTS WITH ACADEMIC CLINICAL RESEARCH IN THAT THE ACADEMIC PATIENTS IN RANDOMIZED, PLACEBO-CONTROLLED TRIALS (RPCTs) ARE RESTRICTED TO HAVING ONLY ONE DIAGNOSIS. THIS IS RARELY, IF EVER, ENCOUNTERED IN CLINICAL PRACTICE, WHERE MULTIPLE DIAGNOSES ARE THE NORM. FURTHER, PSYCHOTHERAPY BY THE PSYCHIATRIST IS INCLUDED AS PART OF THE TREATMENT HERE, WHEREAS MOST PSYCHOTHERAPY NOWADAYS IS DONE BY REFERRAL TO PSYCHOLOGISTS OR SOCIAL WORKERS. THE SECOND UNUSUAL FEATURE OF THIS BOOK IS THE AUTONOMIC NERVOUS SYSTEM (ANS) AS A FOCUS OF TREATMENT. THE ANS IS THE BRAIN AND PERIPHERAL NEURAL CIRCUITRY GOVERNING INVOLUNTARY PHYSIOLOGY, SUCH AS BLOOD PRESSURE, HEART RATE, IMMUNITY, RESPIRATION, DIGESTION, URINATION, SLEEP, PAIN, ADDICTION, FATIGUE, AND SEXUAL AND ENDOCRINE FUNCTION. ALTHOUGH THE BOOK AIMS TO SHARE INFORMATION WITH DOCTORS AND NEUROSCIENTISTS, AN AVERAGE PERSON CURIOUS ABOUT ABNORMAL MENTAL CONDITIONS WOULD ALSO ENJOY PEEKING INTO A PSYCHIATRIST'S OFFICE TO SEE WHAT CAN BE DONE FOR THESE PATIENTS.

ABRIDGED INDEX MEDICUS - 1996-12

MANUAL OF NEONATAL RESPIRATORY CARE - STEVEN M. DONN 2012-02-10

THIS POPULAR BOOK COVERS THE "HOW-TO" OF THE RESPIRATORY CARE OF NEWBORNS IN OUTLINE FORMAT. IT INCLUDES CASE STUDIES FOR SELF-REVIEW AND IS ILLUSTRATED WITH HIGH QUALITY RADIOGRAPHIC IMAGES, FIGURES, TABLES, AND ALGORITHMS. WRITTEN AND EDITED BY INTERNATIONAL EXPERTS, THE THIRD EDITION IS A THOROUGH UPDATE AND REMAINS A CONVENIENT SOURCE OF PRACTICAL INFORMATION ON RESPIRATORY PHYSIOLOGY, EXAM TECHNIQUES, TIPS FOR PERFORMING PROCEDURES, RADIOGRAPHY, VENTILATION, PAIN MANAGEMENT, TRANSPORT, AND DISCHARGE PLANNING. ·UP-TO-DATE CLINICAL INFORMATION FROM WORLD EXPERTS ·CASE STUDIES ·EASY-TO-CONSULT OUTLINE FORMAT ·CONDENSED INFORMATION ABOUT ALL OF THE MAJOR MECHANICAL VENTILATORS (E.G., MODES, DISPLAYS, AND ALARMS) "THE EXTENT OF COVERAGE, EASY READABILITY, SUPERB ORGANIZATION [AND] ...PRACTICAL PEARLS MAKE [THIS BOOK] WORTHWHILE...SIMPLY A GREAT BARGAIN." --JOURNAL OF PERINATOLOGY (REVIEW OF A PREVIOUS EDITION)

UPDATES IN SLEEP NEUROLOGY AND OBSTRUCTIVE SLEEP APNEA - FABIAN H. ROSSI 2021-09-15

THE FIELD OF SLEEP MEDICINE HAS GROWN AND EXPANDED OVER THE LAST FEW DECADES, BECOMING MORE COMPLEX AS TECHNOLOGY AND KNOWLEDGE HAVE PROLIFERATED ENABLING MORE PRECISE DIAGNOSES AND TREATMENTS. WITH AN IMPROVED UNDERSTANDING OF SLEEP MEDICINE AND ITS INEXTRICABLE INTERRELATIONSHIP WITH NEUROLOGY, IT HAS ASSUMED A LEADING ROLE WITHIN THE GENERAL

NEUROLOGICAL PRACTICE. THIS BOOK PROVIDES IMPORTANT INSIGHTS INTO THE MOST COMMON SLEEP AND NEUROLOGICAL DISORDERS, DISCUSSING THEIR INTERDEPENDENCE, DIAGNOSES, AND TREATMENTS.

CARDIO-RENAL CLINICAL CHALLENGES - DAVID GOLDSMITH
2014-11-12

IN MODERN MEDICINE, THE AGING POPULATION IS PRONE TO MANY SIMULTANEOUS CARDIOVASCULAR (CV) RISK FACTORS WHICH OFTEN PRODUCE CO-INCIDENT PATHOLOGY. NOWHERE IS THIS MORE OBVIOUS THAN IN THE INTERACTION BETWEEN CHRONIC KIDNEY DISEASE (CKD), DIABETES AND DIVERSE CV DISEASES (CVD). THIS IS A COMPLEX AND CHALLENGING AREA, AS THE PRESENCE OF CKD/DIABETES PROMOTES CVD WHILE ALSO COMPLICATING ITS TREATMENT. THE EMERGENCE OF CKD AS A PUBLIC HEALTH PRIORITY IS ONE OF THE MOST CHALLENGING PROBLEMS OF MODERN MEDICINE. IT IS NOW SOLIDLY ESTABLISHED THAT RENAL DYSFUNCTION PORTENDS A HIGH RISK FOR CARDIOVASCULAR DISEASE. CARDIOVASCULAR DISEASES REMAINS THE MAIN CAUSE OF DEATH IN WESTERN SOCIETIES AND THE AMPLIFICATION OF THE DEATH RISK CONVEYED BY COEXISTING CKD, EVEN THOUGH STILL POORLY UNDERSTOOD, APPEARS CONSIDERABLE. THE BIDIRECTIONAL LINK THAT ASSOCIATES RENAL AND CARDIOVASCULAR DISEASES, THE HIGH RISK OF THE DEATH SIGNALLED BY THEIR COEXISTENCE AND THE CONSIDERABLE EPIDEMIOLOGICAL BURDEN IMPOSED BY THIS LINK IS AT THE BASIS OF THE EMERGENCE OF A NEW DISCIPLINE AIMING AT MAKING THE BORDERS BETWEEN NEPHROLOGY AND CARDIOVASCULAR MEDICINE EVEN MORE PERMEABLE THAN BEFORE. THE TERM CARDIO-RENAL SYNDROME WAS COINED AROUND 5 YEARS AGO TO TRY TO FORMALIZE THIS LINK, AND ACT AS A STIMULUS TO INTERACTION BETWEEN CLINICAL TEAMS, RESEARCHERS AND OTHERS TO ACHIEVE BETTER MANAGEMENT AND OUTCOMES FOR ALL. THIS BOOK TAKES CLINICAL PRESENTATIONS AND CLINICAL PROBLEMS AS ITS BASE, AND THEN DISCUSS THE EVIDENCE FOR BEST MANAGEMENT OF COMMON CLINICAL PROBLEMS AS WELL AS THE REASONS FOR THE COMPLEX INTERPLAY BETWEEN THE CARDIAC AND RENAL SYSTEMS. MOREOVER, IT ADDRESSES THE ISSUE OF ORGANIZING HEALTHCARE TO MAXIMIZE THE OPPORTUNITIES FOR PREVENTION AND BEST HEALTHCARE ECONOMIC RETURNS, BUILDING ON CUTTING EDGE INITIATIVES AT THE KAROLINSKA, STOCKHOLM. THE BOOK WILL BE OF IMMEDIATE VALUE AND INTEREST TO ALL CARDIOLOGISTS AND RENAL PHYSICIANS.

HYPOXIA AND THE CIRCULATION - ROBERT ROACH
2008-01-08

JUST ONE OF A SERIES OF VOLUMES ON DIFFERING ASPECTS OF HYPOXIA, THIS AUTHORITATIVE TEXT FOCUSES ON CUTTING-EDGE RESEARCH AT THE INTERFACE OF HYPOXIA AND BIOMEDICINE. HYPOXIA - OR LACK OF OXYGEN - IS A CONSTANT THREAT TO THE HUMAN BODY AND ITS VITAL ORGANS, ONE THAT CAN TAKE ITS TOLL IN A NUMBER OF SITUATIONS. THERE ARE MANY SITUATIONS IN WHICH THE THREAT IS HEIGHTENED IN HEALTH AND DISEASE, BUT MECHANISMS HAVE EVOLVED TO LESSEN ITS DETRIMENTAL EFFECTS. THE INTERNATIONAL HYPOXIA SYMPOSIA WAS FOUNDED TO ENABLE SCIENTISTS, CLINICIANS, PHYSIOLOGISTS, IMMUNOLOGISTS, MOUNTAINEERS AND OTHER INTERESTED INDIVIDUALS TO SHARE THEIR EXPERIENCES OF THE SITUATIONS

ASSOCIATED WITH THE LACK OF OXYGEN AND THE ADAPTATIONS THAT ALLOW US TO SURVIVE.

PULMONARY STRUCTURE AND FUNCTION - A. V. S. DE REUCK
2009-09-16

THE NOVARTIS FOUNDATION SERIES IS A POPULAR COLLECTION OF THE PROCEEDINGS FROM NOVARTIS FOUNDATION SYMPOSIA, IN WHICH GROUPS OF LEADING SCIENTISTS FROM A RANGE OF TOPICS ACROSS BIOLOGY, CHEMISTRY AND MEDICINE ASSEMBLED TO PRESENT PAPERS AND DISCUSS RESULTS. THE NOVARTIS FOUNDATION, ORIGINALLY KNOWN AS THE CIBA FOUNDATION, IS WELL KNOWN TO SCIENTISTS AND CLINICIANS AROUND THE WORLD.

MINIMALLY INVASIVE BARIATRIC SURGERY - STACY A. BRETHAUER
2015-03-03

THE SECOND EDITION OF MINIMALLY INVASIVE BARIATRIC SURGERY PROVIDES A COMPREHENSIVE, STATE-OF-THE ART REVIEW OF THIS FIELD, AND IT SERVES AS A VALUABLE RESOURCE FOR CLINICIANS, SURGEONS AND RESEARCHERS WITH AN INTEREST IN MINIMALLY INVASIVE BARIATRIC SURGERY. ADDITIONALLY, THE SECOND EDITION INCLUDES NEW FEATURES THAT WILL BENEFIT THE RESIDENT, FELLOW, OR BARIATRIC SURGEON NEW TO THE FIELD. SPECIFICALLY, EACH EVIDENCE-BASED CHAPTER (I.E. OUTCOMES, COMPLICATIONS, EPIDEMIOLOGY, ETC) CONCLUDES WITH THREE OR FOUR EXAM QUESTIONS THAT EMPHASIZE THE SALIENT POINTS OF THE CHAPTER AND PROVIDE FELLOWSHIP PROGRAMS A VALUABLE TRAINING TOOL AND RESOURCE FOR THEIR ACADEMIC CURRICULUM. THESE QUESTIONS ARE EITHER SINGLE-ANSWER MULTIPLE CHOICE OR TRUE/FALSE FORMAT AND THE CORRECT RESPONSE WITH A BRIEF EXPLANATION FOLLOWS. AS MORE EMPHASIS IS PLACED ON COMPLETING A COMPREHENSIVE CURRICULUM AND OBTAINING CERTIFICATION FOR BARIATRIC TRAINING, THIS ASPECT OF THE BOOK IS UNIQUE AND PROVIDES ADDED VALUE TO THE TEXT. THE NEW EDITION ALSO INCORPORATES MANY NEW OR UPDATED MEDICAL ILLUSTRATIONS TO ENHANCE THE TECHNIQUE CHAPTERS AND PROVIDE MORE UNIFORMITY FOR THE ARTWORK THROUGHOUT THE BOOK. EACH OF THE MAJOR PROCEDURES INCLUDE SURGICAL TECHNIQUE, OUTCOMES, AND MANAGEMENT OF COMPLICATIONS IN SEPARATE CHAPTERS TO PROVIDE AN EASY REFERENCE FOR THE BUSY CLINICIAN PREPARING FOR A CASE OR PRESENTATION. ANOTHER UNIQUE FEATURE OF THE TEXT IS A LINK TO VIDEO FILES HOSTED ONLINE FOR THE RELEVANT CHAPTERS. THIS VIDEO LIBRARY WILL BE OF GREAT VALUE TO THE USER. AS THE NUMBER OF FELLOWSHIPS IN LAPAROSCOPIC BARIATRIC SURGERY CONTINUES TO INCREASE, THIS UPDATED TEXT WILL PROVIDE A VALUABLE RESOURCE FOR GENERAL AND BARIATRIC SURGEONS, LAPAROSCOPIC SURGEONS, FELLOWS, RESIDENTS, MEDICAL STUDENTS, OBESITY RESEARCHERS, AND INDUSTRY REPRESENTATIVES INVOLVED IN THIS FIELD.

GOLDSMITH'S ASSISTED VENTILATION OF THE NEONATE - MARTIN KESZLER
2021-12-24

A MUST-HAVE REFERENCE FOR THE ENTIRE NICU, GOLDSMITH'S ASSISTED VENTILATION OF THE NEONATE, 7TH EDITION, IS THE ONLY FULLY COMPREHENSIVE, EVIDENCE-BASED GUIDE TO ALL ASPECTS OF THIS FAST-CHANGING FIELD. EASY TO USE AND MULTIDISCIPLINARY IN SCOPE, THIS TRUSTED REFERENCE PROVIDES AUTHORITATIVE GUIDANCE ON CONTEMPORARY MANAGEMENT OF NEONATAL RESPIRATORY DISEASES, WITH AN

EMPHASIS ON EVIDENCE-BASED PHARMACOLOGIC AND TECHNOLOGIC ADVANCES THAT IMPROVE OUTCOMES AND QUALITY OF LIFE IN NEWBORNS. IT'S AN OUTSTANDING RESOURCE FOR NEONATOLOGISTS AND NICU PROFESSIONALS TO ACQUIRE NEW KNOWLEDGE AND TECHNIQUES IN THIS CRITICAL AREA OF NEONATAL CARE. COVERS ALL ASPECTS OF BOTH BASIC AND ADVANCED RESPIRATORY MANAGEMENT OF NEONATES: GENERAL PRINCIPLES AND CONCEPTS; ASSESSMENT, DIAGNOSIS AND MONITORING METHODS; THERAPEUTIC RESPIRATORY INTERVENTIONS; ADJUNCTIVE INTERVENTIONS; AND SPECIAL SITUATIONS AND OUTCOMES. PROVIDES UPDATED CONTENT ON RAPIDLY CHANGING TECHNOLOGY AND GUIDELINES FOR ASSISTED VENTILATION, WITH UP-TO-DATE DESCRIPTIONS OF BEDSIDE METHODOLOGIES AND THE RATIONALE FOR PROVIDING ALL TYPES OF VENTILATOR CARE IN INFANTS. CONTAINS NEW CHAPTERS ON RESPIRATORY GAS CONDITIONING, DIAGNOSIS AND MANAGEMENT OF PPHN, CARE OF THE INFANT WITH CDH, GAPS IN KNOWLEDGE, AND FUTURE DIRECTIONS. INCLUDES SIGNIFICANT UPDATES ON CARDIOVASCULAR ASSESSMENT AND MANAGEMENT, AS WELL AS COMPLICATIONS OF RESPIRATORY SUPPORT. PROVIDES EXTENSIVE, FULL-COLOR VISUAL SUPPORT WITH PHOTOGRAPHS, DRAWINGS, CHARTS AND DIAGRAMS, AND RADIOGRAPHIC IMAGES THROUGHOUT. FEATURES MORE THAN 30 APPENDICES THAT HELP YOU QUICKLY FIND NORMAL VALUES, ASSESSMENT CHARTS, ICU FLOW CHARTS, PROCEDURE STEPS AND OTHER USEFUL, PRINTABLE FORMS.

CUMULATED INDEX MEDICUS - 1998

ADVANCED COMPOSITE BIOMATERIALS - STEFAN IOAN VOICU 2021-03-25

BIOMATERIALS IS CURRENTLY ONE OF THE MOST IMPORTANT FIELDS OF STUDY. THIS IS BECAUSE OF THE HIGH DEGREE OF INTERDISCIPLINARITY AND THE MANY PRACTICAL SOLUTIONS IT PROVIDES IN RELATION TO MEDICINE, BIOLOGY, CHEMISTRY, AND PHYSICS. THIS SPECIAL ISSUE PROVIDES READERS WITH RESEARCH FROM THE DOMAIN OF COMPOSITE BIOMATERIALS IN DIFFERENT APPLICATIONS, FROM CONTROLLED DRUG RELEASE SYSTEMS TO TISSUE ENGINEERING.

COGNITIVE BEHAVIORAL TREATMENT OF INSOMNIA - MICHAEL L. PERLIS 2006-06-02

- CBT IS A NEW, INCREASINGLY POPULAR METHOD OF TREATMENT THAT PROVIDES MEASURABLE RESULTS AND IS THEREFORE REIMBURSED BY INSURANCE COMPANIES
- TITLE IS AHEAD OF THE CURVE, THERE'S NO COMPETITION
- CONCISE, PRACTICAL MANUAL
- CONTAINS READER-FRIENDLY, ROLE-PLAYING EXERCISES TO APPLY TO DAILY PRACTICE

BARIATRIC AND METABOLIC SURGERY - SEUNG HO CHOI 2014-02-21

BARIATRIC AND METABOLIC SURGERY IS RECOGNIZED TO BE AN IMPORTANT AND EFFECTIVE OPTION FOR THE TREATMENT OF SEVERE OBESITY AND THE VARIOUS ASSOCIATED CONDITIONS AND DISEASES. THIS BOOK PRESENTS STATE OF THE ART KNOWLEDGE ON SUCH SURGERY WITH THE AIM OF FACILITATING THE SHARING AND EXCHANGE OF KNOWLEDGE, DOCUMENTING EFFECTIVE TECHNIQUES, AND ENHANCING SAFETY AND OUTCOMES. ALL TECHNICAL ASPECTS ARE COVERED IN DETAIL, AND THE TEXT IS COMPLEMENTED BY MANY HELPFUL ILLUSTRATIONS. A FURTHER KEY FEATURE IS THE PROVISION

OF ACCOMPANYING SURGICAL VIDEOS, WHICH WILL BE OF VALUE TO BOTH NOVICE AND EXPERIENCED SURGEONS. THIS TEXTBOOK WILL BE A GREAT ASSET IN CLINICAL PRACTICE FOR ALL WHO ARE INVOLVED OR INTERESTED IN BARIATRIC AND METABOLIC SURGERY.

SLEEP SCIENCE - HAWLEY MONTGOMERY-DOWNS 2020

"ROUGHLY ONE THIRD OF OUR LIFETIME IS - OR SHOULD BE - SPENT ASLEEP; YET DESPITE THE EXPANSIVE SCIENTIFIC KNOWLEDGE GAINED IN MANY FIELDS (I.E., PSYCHOLOGY, NEUROPHYSIOLOGY) ABOUT OUR WAKE STATE, ONLY RELATIVELY RECENTLY HAVE WE BEGUN TO CATCH UP WITH THE STUDY OF SLEEP. AS TOM ROTH, FORMER EDITOR OF THE JOURNAL SLEEP, PUT IT, "IT'S ANALOGOUS TO GOING TO MARS WITH A THIRD OF THE EARTH'S SURFACE STILL UNEXPLORED" [1]. SLEEP IS A STRANGE EXPERIENCE, PLAYING TRICKS ON OUR CONSCIOUSNESS. SOMETIMES WITHIN ONLY A COUPLE MINUTES OF DOZING OFF, WE CAN GO THROUGH A PLETHORA OF VIVID AND COMPLEX EXPERIENCES.

ALTERNATIVELY, WE MAY LAPSE INTO WHAT FEELS LIKE A TOTAL ABSENCE OF CONSCIOUSNESS, A JUMP IN TIME, WAKING AFTER A LONG SLUMBER WITH NO MEMORY OF THE LAST EIGHT HOURS. SLEEP DOES NOT BEND TIME, BUT WITHOUT A DOUBT, IT ALTERS OUR CONSCIOUSNESS. IT IS, THEREFORE, NO SURPRISE THAT MOST PEOPLE ENJOY SLEEPING - WHEN WE SLEEP, WE NO LONGER FEEL THE TOOTHACHE, HEADACHE OR THE HEARTACHE THAT WE SUFFER WHEN AWAKE"--

HYPOXIA - ROBERT C. ROACH 2016-06-24

THE LATEST IN A SERIES OF BOOKS FROM THE INTERNATIONAL HYPOXIA SYMPOSIA, THIS VOLUME SPANS REVIEWS ON KEY TOPICS IN HYPOXIA, AND ABSTRACTS FROM POSTER AND ORAL PRESENTATIONS. THE BIENNIAL INTERNATIONAL HYPOXIA SYMPOSIA ARE DEDICATED TO HOSTING THE BEST BASIC SCIENTIFIC AND CLINICAL MINDS TO FOCUS ON THE INTEGRATIVE AND TRANSLATIONAL BIOLOGY OF HYPOXIA.

LONG BEFORE 'TRANSLATIONAL MEDICINE' WAS A CATCHPHRASE, THE FOUNDERS OF THE INTERNATIONAL HYPOXIA SYMPOSIA BROUGHT TOGETHER BASIC SCIENTISTS, CLINICIANS AND PHYSIOLOGISTS TO LIVE, EAT, SKI, INNOVATE AND COLLABORATE IN THE CANADIAN ROCKIES. THIS COLLECTION OF REVIEWS AND ABSTRACTS IS DIVIDED INTO SIX SECTIONS, EACH COVERING NEW AND IMPORTANT WORK RELEVANT TO A BROAD RANGE OF RESEARCHERS INTERESTED IN HOW HUMANS ADJUST TO HYPOXIA, WHETHER ON THE TOP OF MT. EVEREST OR IN THE PULMONARY OR CARDIOLOGY CLINIC AT LOW ALTITUDE. THE SECTIONS INCLUDE: EPIGENETIC VARIATIONS IN HYPOXIA HIGH ALTITUDE ADAPTATION HYPOXIA AND SLEEP HYPOXIA AND THE BRAIN MOLECULAR OXYGEN SENSING PHYSIOLOGICAL RESPONSES TO HYPOXIA

TREATMENT-REFRACTORY SCHIZOPHRENIA - PETER F. BUCKLEY 2014-03-18

SCHIZOPHRENIA IS OFTEN ASSOCIATED WITH AN INADEQUATE RESPONSE TO PHARMACOLOGICAL AND NON-PHARMACOLOGICAL TREATMENTS. HOW TO TREAT PATIENTS WHO HAVE AN UNSATISFACTORY RESPONSE TO ANTI-PSYCHOTICS, INCLUDING CLOZAPINE - WHICH IS UNEQUIVOCALLY THE MOST POWERFUL ANTIPSYCHOTIC MEDICATION FOR THIS RECALCITRANT POPULATION - REMAINS A CLINICAL CONUNDRUM. A RANGE OF ADJUNCTIVE MEDICATIONS HAVE BEEN TRIED WITH MIXED RESULTS; THERE

HAS ALSO BEEN RENEWED INTEREST IN THE ROLE OF NEUROMODULATORY STRATEGIES, ELECTROCONVULSIVE THERAPY, AND COGNITIVE AND VOCATIONAL APPROACHES. PERHAPS A BRIGHT SPOT FOR THE FUTURE LIES IN THE EVOLUTION OF PHARMACOGENETIC APPROACHES FOR INDIVIDUALIZED CARE. IN THIS BOOK, LEADING EXPERTS FROM EUROPE, AUSTRALIA AND THE AMERICAS PROVIDE A TIMELY APPRAISAL OF TREATMENTS FOR THE MOST SEVERELY ILL SCHIZOPHRENIA PATIENTS. THIS CLINICALLY FOCUSED BOOK IS INFORMED BY THE LATEST RESEARCH ON THE NEUROBIOLOGY AND TREATMENT OF SCHIZOPHRENIA. IT IS COMPREHENSIVE IN SCOPE, COVERING CURRENT TREATMENT OPTIONS, VARIOUS ADD-ON APPROACHES, AND A RANGE OF PSYCHOSOCIAL TREATMENTS. THE CONTRIBUTORS ARE RESPECTED EXPERTS WHO HAVE COMBINED THEIR CLINICAL EXPERIENCE WITH CUTTING-EDGE RESEARCH TO PROVIDE READERS WITH AUTHORITATIVE INFORMATION ON FUNDAMENTAL ASPECTS OF CLINICAL CARE FOR SCHIZOPHRENIA.

MKSAP 17 CARDIOVASCULAR MEDICINE - ANDREW WANG
2015

FEESST - JONATHAN E. AVIV 2005

ESSENTIAL FOR EVERY PHYSICIAN WHO SEES PATIENTS WITH IMPAIRED SWALLOWING, FEESST (FLEXIBLE ENDOSCOPIC EVALUATION OF SWALLOWING WITH SENSORY TESTING) PROVIDES PHYSICIANS WITH A QUANTUM LEAP FORWARD IN THE EVALUATION AND MANAGEMENT OF PATIENTS WITH IMPAIRED SWALLOWING. THE EXAMINATION ALLOWS DIRECT ASSESSMENT OF BOTH THE MOTOR AND SENSORY ASPECTS OF THE SWALLOW, WHICH ENABLES PHYSICIANS TO PRECISELY GUIDE THE DIETARY AND BEHAVIORAL MANAGEMENT OF PATIENTS WITH SWALLOWING PROBLEMS TO DECREASE THE RISK OF ASPIRATION PNEUMONIA.

THE BUSY DENTIST - 1894

AUSTRALASIAN ANAESTHESIA 2021 - RICHARD RILEY
2021-12

NONINVASIVE MECHANICAL VENTILATION - ANTONIO ESQUINAS 2010-08-12

NONINVASIVE MECHANICAL VENTILATION IS AN EFFECTIVE TECHNIQUE FOR THE MANAGEMENT OF PATIENTS WITH ACUTE OR CHRONIC RESPIRATORY FAILURE. THIS COMPREHENSIVE AND UP-TO-DATE BOOK EXPLORES ALL ASPECTS OF THE SUBJECT. THE OPENING SECTIONS ARE DEVOTED TO THEORY AND EQUIPMENT, WITH DETAILED ATTENTION TO THE USE OF FULL-FACE MASKS OR HELMETS, THE RANGE OF AVAILABLE VENTILATORS, AND PATIENT-VENTILATOR INTERACTIONS. CLINICAL APPLICATIONS ARE THEN CONSIDERED IN DEPTH IN A SERIES OF CHAPTERS THAT ADDRESS THE USE OF NONINVASIVE MECHANICAL VENTILATION IN CHRONIC SETTINGS AND IN CRITICAL CARE, BOTH WITHIN AND OUTSIDE OF INTENSIVE CARE UNITS. DUE ATTENTION IS ALSO PAID TO WEANING FROM CONVENTIONAL MECHANICAL VENTILATION, POTENTIAL COMPLICATIONS, INTRAOPERATIVE APPLICATIONS, AND STAFF TRAINING. THE CLOSING CHAPTERS EXAMINE USES OF NONINVASIVE MECHANICAL VENTILATION IN NEONATAL AND PEDIATRIC CARE. THIS BOOK, WRITTEN BY INTERNATIONALLY RECOGNIZED EXPERTS, WILL BE AN INVALUABLE GUIDE FOR

BOTH CLINICIANS AND RESEARCHERS.

ERECTILE DYSFUNCTION IN HYPERTENSION AND CARDIOVASCULAR DISEASE - MARGUS VIIGIMAA
2014-11-17

THIS CONCISE GUIDE TO THE OFTEN OVERLOOKED ASSOCIATION BETWEEN ERECTILE DYSFUNCTION AND HYPERTENSION/CARDIOVASCULAR DISEASE COVERS A WIDE RANGE OF ASPECTS OF IMPORTANCE TO THE CLINICIAN. IT EXAMINES THE IMPACT OF ANTIHYPERTENSIVE DRUG THERAPY ON ERECTILE FUNCTION AND EXPLAINS HOW THE MANAGEMENT OF ERECTILE DYSFUNCTION IN HYPERTENSIVE PATIENTS DEPENDS ON A VARIETY OF FACTORS. DIFFERENT TREATMENT APPROACHES ARE DESCRIBED, INCLUDING LIFESTYLE MODIFICATION, PDE-5 INHIBITORS AND OTHER NOVEL AGENTS AND BEHAVIORAL THERAPY AND HELPFUL THERAPEUTIC ALGORITHMS ARE PRESENTED. A FURTHER FOCUS OF THE BOOK IS THE POTENTIAL ROLE OF ERECTILE DYSFUNCTION AS AN EARLY DIAGNOSTIC INDICATOR OF ASYMPTOMATIC CORONARY ARTERY DISEASE AND A PROGNOSTIC MARKER FOR CARDIOVASCULAR EVENTS. IN ADDITION, KEY BACKGROUND INFORMATION IS SUPPLIED ON EPIDEMIOLOGY AND PATHOPHYSIOLOGY, AND THE SIGNIFICANCE OF ERECTILE DYSFUNCTION IN DIFFERENT PATIENT GROUPS, SUCH AS THE ELDERLY AND THOSE WITH CHRONIC KIDNEY DISEASE, IS EXAMINED. ERECTILE DYSFUNCTION IS A MAJOR PUBLIC HEALTH PROBLEM AFFECTING MORE THAN TEN PERCENT OF THE GENERAL MALE POPULATION AND IS NOW CONSIDERED TO BE PREDOMINANTLY OF VASCULAR ORIGIN. THIS BOOK WILL BE INFORMATIVE AND OF PRACTICAL VALUE FOR ALL PRACTITIONERS RESPONSIBLE FOR CARING FOR THE VERY MANY PATIENTS WHO EXPERIENCE ERECTILE DYSFUNCTION IN THE SETTING OF HYPERTENSION AND CARDIOVASCULAR DISEASE.

PEDIATRIC DIALYSIS - BRADLEY A. WARADY 2012-12-06

THE PROVISION OF OPTIMAL DIALYSIS THERAPY TO CHILDREN REQUIRES A THOROUGH UNDERSTANDING OF THE MULTI-DISCIPLINARY MANNER IN WHICH THE PEDIATRIC PATIENT IS AFFECTED BY RENAL INSUFFICIENCY. KNOWLEDGE OF THE TECHNICAL ASPECTS OF PERITONEAL DIALYSIS, HEMODIALYSIS AND CONTINUOUS RENAL REPLACEMENT THERAPY MUST BE COMPLEMENTED BY ATTENTION TO ISSUES SUCH AS ANEMIA, RENAL OSTEODYSTROPHY, HYPERTENSION, GROWTH, COGNITIVE DEVELOPMENT, NUTRITION, NURSING CARE AND THE PSYCHOSOCIAL ADAPTATION OF THE CHILD AND FAMILY TO CHRONIC DISEASE. THE INAUGURAL EDITION OF PEDIATRIC DIALYSIS PROVIDES A COMPREHENSIVE REVIEW OF THESE AND OTHER RELATED TOPICS WITH A SINGULAR EMPHASIS ON THE UNIQUE ASPECTS OF THEIR APPLICATION TO CHILDREN. WITH AUTHORITATIVE, CLINICALLY RELEVANT, WELL-REFERENCED CHAPTERS WRITTEN BY A HOST OF RECOGNIZED INTERNATIONAL EXPERTS WHO EMPHASIZE KEY ASPECTS OF CONTEMPORARY MANAGEMENT, PEDIATRIC DIALYSIS HAS BEEN DESIGNED TO SERVE AS A PRIMARY RESOURCE TO ALL CLINICIANS INVOLVED IN THE CARE OF THE PEDIATRIC DIALYSIS PATIENT.

WHO GUIDELINES FOR INDOOR AIR QUALITY - WORLD HEALTH ORGANIZATION 2009

MICROBIAL POLLUTION IS A KEY ELEMENT OF INDOOR AIR POLLUTION. IT IS CAUSED BY HUNDREDS OF SPECIES OF BACTERIA AND FUNGI, IN PARTICULAR FILAMENTOUS FUNGI

(MOULD), GROWING INDOORS WHEN SUFFICIENT MOISTURE IS AVAILABLE. THIS DOCUMENT PROVIDES A COMPREHENSIVE REVIEW OF THE SCIENTIFIC EVIDENCE ON HEALTH PROBLEMS ASSOCIATED WITH BUILDING MOISTURE AND BIOLOGICAL AGENTS. THE REVIEW CONCLUDES THAT THE MOST IMPORTANT EFFECTS ARE INCREASED PREVALENCES OF RESPIRATORY SYMPTOMS, ALLERGIES AND ASTHMA AS WELL AS PERTURBATION OF THE IMMUNOLOGICAL SYSTEM. THE DOCUMENT ALSO SUMMARIZES THE AVAILABLE INFORMATION ON THE CONDITIONS THAT DETERMINE THE PRESENCE OF MOULD AND MEASURES TO CONTROL THEIR GROWTH INDOORS. WHO GUIDELINES FOR PROTECTING PUBLIC HEALTH ARE FORMULATED ON THE BASIS OF THE REVIEW. THE MOST IMPORTANT MEANS FOR AVOIDING ADVERSE HEALTH EFFECTS IS THE PREVENTION (OR MINIMIZATION) OF PERSISTENT DAMPNES AND MICROBIAL GROWTH ON INTERIOR SURFACES AND IN BUILDING STRUCTURES. [Ed.]

XXVI BRAZILIAN CONGRESS ON BIOMEDICAL ENGINEERING - RODRIGO COSTA-FELIX 2019-06-03

THIS VOLUME PRESENTS THE PROCEEDINGS OF THE BRAZILIAN CONGRESS ON BIOMEDICAL ENGINEERING (CBEB 2018). THE CONFERENCE WAS ORGANISED BY THE BRAZILIAN SOCIETY ON BIOMEDICAL ENGINEERING (SBEB) AND HELD IN ARMAZÉM DO DE BUZIOS, RIO DE JANEIRO, BRAZIL FROM 21-25 OCTOBER, 2018. TOPICS OF THE PROCEEDINGS INCLUDE THESE 11 TRACKS: • BIOENGINEERING • BIOMATERIALS, TISSUE ENGINEERING AND ARTIFICIAL ORGANS • BIOMECHANICS AND REHABILITATION • BIOMEDICAL DEVICES AND INSTRUMENTATION • BIOMEDICAL ROBOTICS, ASSISTIVE TECHNOLOGIES AND HEALTH INFORMATICS • CLINICAL ENGINEERING AND HEALTH TECHNOLOGY ASSESSMENT • METROLOGY, STANDARDIZATION, TESTING AND QUALITY IN HEALTH • BIOMEDICAL SIGNAL AND IMAGE PROCESSING • NEURAL ENGINEERING • SPECIAL TOPICS • SYSTEMS AND TECHNOLOGIES FOR THERAPY AND DIAGNOSIS

SEVERE ASTHMA - KIAN FAN CHUNG 2019-06-01

SEVERE ASTHMA IS A FORM OF ASTHMA THAT RESPONDS POORLY TO CURRENTLY AVAILABLE MEDICATION, AND ITS PATIENTS REPRESENT THOSE WITH GREATEST UNMET NEEDS. IN THE LAST 10 YEARS, SUBSTANTIAL PROGRESS HAS BEEN MADE IN TERMS OF UNDERSTANDING SOME OF THE MECHANISMS THAT DRIVE SEVERE ASTHMA; THERE HAVE ALSO BEEN CONCOMITANT ADVANCES IN THE RECOGNITION OF SPECIFIC MOLECULAR PHENOTYPES. THIS ERS MONOGRAPH COVERS ALL ASPECTS OF SEVERE ASTHMA – EPIDEMIOLOGY, DIAGNOSIS, MECHANISMS, TREATMENT AND MANAGEMENT – BUT HAS A PARTICULAR FOCUS ON RECENT UNDERSTANDING OF MECHANISTIC HETEROGENEITY BASED ON AN ANALYTIC APPROACH USING VARIOUS ‘OMICS PLATFORMS APPLIED TO CLINICALLY WELL-DEFINED ASTHMA COHORTS. HOW THESE ADVANCES HAVE LED TO IMPROVED MANAGEMENT TARGETS IS ALSO EMPHASISED. THIS BOOK BRINGS TOGETHER THE CLINICAL AND SCIENTIFIC EXPERTISE OF THOSE FROM AROUND THE WORLD WHO ARE COLLABORATING TO SOLVE THE PROBLEM OF SEVERE ASTHMA.

MAXILLOFACIAL PROSTHETICS - WILLIAM R. LANEY 1979

THE NEWBORN LUNG - EDUARDO BANCALARI 2018-06-19
DR. RICHARD POLIN'S NEONATOLOGY QUESTIONS AND

CONTROVERSIES SERIES HIGHLIGHTS THE MOST CHALLENGING ASPECTS OF NEONATAL CARE, OFFERING TRUSTWORTHY GUIDANCE ON UP-TO-DATE DIAGNOSTIC AND TREATMENT OPTIONS IN THE FIELD. IN EACH VOLUME, RENOWNED EXPERTS ADDRESS THE CLINICAL PROBLEMS OF GREATEST CONCERN TO TODAY'S PRACTITIONERS, HELPING YOU HANDLE DIFFICULT PRACTICE ISSUES AND PROVIDE OPTIMAL, EVIDENCE-BASED CARE TO EVERY PATIENT. STAY FULLY UP TO DATE IN THIS FAST-CHANGING FIELD WITH THE NEWBORN LUNG, 3RD EDITION. THE MOST CURRENT CLINICAL INFORMATION THROUGHOUT, INCLUDING KEY MANAGEMENT STRATEGIES THAT MAY REDUCE SOME OF THE CHRONIC SEQUELAE OF NEONATAL RESPIRATORY FAILURE. NEW CONTENT ON THE ROLE OF MICROBIOME IN LUNG INJURY AND LUNG DEVELOPMENT. CURRENT COVERAGE OF NON-INVASIVE RESPIRATORY SUPPORT, PERINATAL EVENTS AND THEIR INFLUENCE ON LUNG DEVELOPMENT AND INJURY, CELL-BASED LUNG THERAPY, AUTOMATION OF RESPIRATORY SUPPORT, AND OXYGENATION TARGETING IN PRETERM INFANTS. CONSISTENT CHAPTER ORGANIZATION TO HELP YOU FIND INFORMATION QUICKLY AND EASILY. THE MOST AUTHORITATIVE ADVICE AVAILABLE FROM WORLD-CLASS NEONATOLOGISTS WHO SHARE THEIR KNOWLEDGE OF NEW TRENDS AND DEVELOPMENTS IN NEONATAL CARE. PURCHASE EACH VOLUME INDIVIDUALLY, OR GET THE ENTIRE 7-VOLUME SET! GASTROENTEROLOGY AND NUTRITION HEMATOLOGY, IMMUNOLOGY AND GENETICS HEMODYNAMICS AND CARDIOLOGY INFECTIOUS DISEASE AND PHARMACOLOGY NEW VOLUME! NEPHROLOGY AND FLUID/ELECTROLYTE PHYSIOLOGY NEUROLOGY THE NEWBORN LUNG ANAESTHESIA DATABOOK - ROSEMARY MASON 2001-01-04

THIS IS THE THIRD EDITION OF A COMPREHENSIVE BOOK COVERING ALL ASPECTS OF PERIOPERATIVE AND PERIPARTUM ANAESTHESIA. PREVIOUS EDITIONS HAVE BEEN VERY WELL RECEIVED (SEE REVIEWS OF THE FIRST TWO EDITIONS BELOW) AND THIS BOOK BUILDS ON THEIR SUCCESS TO BE AN ESSENTIAL PURCHASE FOR ALL TRAINEE AND PRACTISING ANAESTHETISTS, AS WELL AS PROVIDING A VALUABLE RESOURCE FOR OTHER HOSPITAL AND PARTICULARLY THEATRE-BASED PERSONNEL SUCH AS SURGEONS, OBSTETRICIANS, OPERATING DEPARTMENT PRACTITIONERS, THEATRE NURSES, MIDWIVES ETC. THE SECTIONS ON MEDICAL DISORDERS AND ANAESTHETIC PROBLEMS, AND ON EMERGENCY CONDITIONS ARISING DURING ANAESTHESIA OR THE IMMEDIATE POSTOPERATIVE PERIOD HAVE BEEN EXPANDED TO INCLUDE OVER 30 NEW ENTRIES AND RARE AND UNUSUAL SYNDROMES HAVE BEEN INCORPORATED INTO THESE TWO MAIN SECTIONS FOR EASE OF QUICK REFERENCE. THE BOOK ALSO FEATURES A VALUABLE LIST OF ABBREVIATIONS AND A FULLY UPDATED APPENDIX CONTAINING USEFUL ADDRESSES, TELEPHONE NUMBERS AND WEBSITE DETAILS.

STOP, THAT AND ONE HUNDRED OTHER SLEEP SCALES - AZMEH SHAHID 2012-01-06

THERE ARE AT LEAST FOUR REASONS WHY A SLEEP CLINICIAN SHOULD BE FAMILIAR WITH RATING SCALES THAT EVALUATE DIFFERENT FACETS OF SLEEP. FIRST, THE USE OF SCALES FACILITATES A QUICK AND ACCURATE ASSESSMENT OF A COMPLEX CLINICAL PROBLEM. IN THREE OR FOUR MINUTES (THE TIME TO REVIEW TEN STANDARD SCALES), A CLINICIAN CAN

COME TO A BROAD UNDERSTANDING OF THE PATIENT IN QUESTION. FOR EXAMPLE, A SELECTION OF SCALES MIGHT INDICATE THAT AN INDIVIDUAL IS SLEEPY BUT NOT FATIGUED; LACKING ALERTNESS WITH NO INSOMNIA; PRESENTING WITH NO SYMPTOMS OF NARCOLEPSY OR RESTLESS LEGS BUT SHOWING CLEAR FEATURES OF APNEA; EXHIBITING DEPRESSION AND A HISTORY OF SIGNIFICANT ALCOHOL PROBLEMS. THIS INFORMATION CAN BE USED TO DIRECT THE CONSULTATION TO THOSE ISSUES PERCEIVED AS MOST RELEVANT, AND CAN EVEN PROVIDE A SPRINGBOARD FOR EXPLAINING THE BENEFITS OF CERTAIN TREATMENT APPROACHES OR THE POTENTIAL COROLLARIES OF ALLOWING THE STATUS QUO TO CONTINUE. SECOND, RATING SCALES CAN PROVIDE A CLINICIAN WITH AN ENHANCED VOCABULARY OR LANGUAGE, IMPROVING HIS OR HER UNDERSTANDING OF EACH PATIENT. IN THE CASE OF THE SLEEP SPECIALIST, A SCALE CAN HELP HIM TO DISTINGUISH FATIGUE FROM SLEEPINESS IN A PATIENT, OR ELUCIDATE THE DIFFERENCES BETWEEN SLEEPINESS AND ALERTNESS (WHICH IS NOT MERELY THE INVERSE OF THE FORMER). SLEEP SCALES ARE DEVELOPED BY RESEARCHERS AND CLINICIANS WHO HAVE SPENT YEARS IN THEIR FIELD, CAREFULLY HONING THEIR PREFERRED METHODS FOR ASSESSING CERTAIN BRAIN STATES OR CHARACTERISTIC FEATURES OF A CONDITION. THUS, SCALES PROVIDE CLINICIANS WITH A REPERTOIRE OF QUESTIONS, ALLOWING THEM TO DRAW UPON THE EXTENSIVE EXPERIENCE OF THEIR COLLEAGUES WHEN ATTEMPTING TO TEASE APART NUANCED PROBLEMS. THIRD, SOME SCALES ARE HELPFUL FOR TRACKING A PATIENT'S PROGRESS. A PARTICULAR PATIENT MAY NOT REMEMBER HOW ALERT HE FELT ON A SERIES OF DIFFERENT STIMULANT MEDICATIONS. SCALE ASSESSMENTS ADMINISTERED PERIODICALLY OVER THE COURSE OF TREATMENT PROVIDE AN OBJECTIVE RECORD OF THE INTERVENTION, ALLOWING THE CLINICIAN TO EXAMINE AND POSSIBLY REASSESS HER APPROACH TO THE PATIENT. FINALLY, FOR INDIVIDUALS CONDUCTING A DOUBLE-BLIND CROSSOVER TRIAL OR A STRAIGHTFORWARD CLINICAL PRACTICE AUDIT, THOSE WHO ARE INTERESTED IN RESEARCH WILL FIND THAT THEIR OWN CLINICS BECOME A SOURCE OF GREAT DISCOVERY. SCALES PROVIDE STANDARDIZED

MEASURES THAT ALLOW COLLEAGUES ACROSS CITIES AND COUNTRIES TO CONDUCT SIMILAR PRACTICES. THEY ENABLE THE REPLICATION OF PREVIOUS STUDIES AND FACILITATE THE ORGANIZATION AND DISSEMINATION OF NEW RESEARCH IN A WAY THAT IS ACCESSIBLE AND RAPID. AS THE EMPHASIS PLACED ON EVIDENCE-BASED CARE GROWS, A CLINICIAN'S ABILITY TO ASSESS HIS OR HER OWN PRACTICE AND ITS RELATION TO THE WIDER MEDICAL COMMUNITY BECOMES INVALUABLE. SCALES MAKE THIS KIND OF STANDARDIZATION POSSIBLE, JUST AS THEY ENABLE THE RESEARCH EFFORTS THAT HELP TO FORMULATE THOSE STANDARDS. THE MAJORITY OF RATING SCALES IN SLEEP AND SLEEP DISORDERS: 100 SCALES FOR CLINICAL PRACTICE IS DEVOTED TO BRIEFLY DISCUSSING INDIVIDUAL SCALES. WHEN POSSIBLE, AN EXAMPLE OF THE SCALE IS PROVIDED SO THAT READERS MAY GAIN A SENSE OF THE INSTRUMENT'S CONTENT. GROUNDBREAKING AND THE FIRST OF ITS KIND TO CONCEPTUALIZE AND ORGANIZE THE ESSENTIAL SCALES USED IN SLEEP MEDICINE, RATING SCALES IN SLEEP AND SLEEP DISORDERS: 100 SCALES FOR CLINICAL PRACTICE IS AN INVALUABLE RESOURCE FOR ALL CLINICIANS AND RESEARCHERS INTERESTED IN SLEEP DISORDERS.

- ANNE

HANSEN 2009

THE MANUAL OF SURGICAL NEONATAL INTENSIVE CARE ADDRESSES THE INTERDISCIPLINARY AREA OF PERIOPERATIVE MANAGEMENT OF NEWBORNS WITH SURGICAL CONDITIONS. THESE BABIES GENERALLY SPEND LESS THAN A DAY IN THE OPERATING ROOM, BUT REQUIRE WEEKS, OR EVEN MONTHS OF COMPLEX PRE AND POST OPERATIVE CARE THAT SPANS MEDICAL AND SURGICAL AREAS OF EXPERTISE.

DESIGNING RANDOMISED TRIALS IN HEALTH, EDUCATION AND THE SOCIAL SCIENCES - D. TORGERSON 2008-03-13

THE BOOK FOCUSES ON THE DESIGN OF RIGOROUS TRIALS RATHER THAN THEIR STATISTICAL UNDERPINNINGS, WITH CHAPTERS ON: PRAGMATIC DESIGNS; PLACEBO DESIGNS; PREFERENCE APPROACHES; UNEQUAL ALLOCATION; ECONOMICS; ANALYTICAL APPROACHES; RANDOMIZATION METHODS. IT ALSO INCLUDES A DETAILED DESCRIPTION OF RANDOMIZATION PROCEDURES AND DIFFERENT TRIAL DESIGNS.