

Decision Making In Neurovascular Disease

EVENTUALLY, YOU WILL ENTIRELY DISCOVER A NEW EXPERIENCE AND SKILL BY SPENDING MORE CASH. STILL WHEN? COMPLETE YOU SAY YES THAT YOU REQUIRE TO GET THOSE ALL NEEDS AS SOON AS HAVING SIGNIFICANTLY CASH? WHY DONT YOU TRY TO GET SOMETHING BASIC IN THE BEGINNING? THATS SOMETHING THAT WILL LEAD YOU TO COMPREHEND EVEN MORE ON THE ORDER OF THE GLOBE, EXPERIENCE, SOME PLACES, CONSIDERING HISTORY, AMUSEMENT, AND A LOT MORE?

IT IS YOUR ENORMOUSLY OWN PERIOD TO PRETENSE REVIEWING HABIT. IN THE COURSE OF GUIDES YOU COULD ENJOY NOW IS **DECISION MAKING IN NEUROVASCULAR DISEASE** BELOW.

DECISION MAKING IN NEUROVASCULAR DISEASE - LEONARDO RANGEL-CASTILLA
2018-05-07

NEUROVASCULAR MEDICINE HAS EMERGED AS AN ESTABLISHED, SEMI-INDEPENDENT SUBSPECIALTY OF NEUROLOGY AND NEUROSURGERY. DECISION MAKING IN NEUROVASCULAR DISEASE FOCUSES ON THE CHALLENGING PROCESS OF DETERMINING THE BEST APPROACH FOR MANAGING PATIENTS WITH INTRACRANIAL ATHEROSCLEROSIS, CAROTID ARTERY DISEASE, STROKE, ANEURYSMS, ARTERIOVENOUS MALFORMATIONS, ARTERIOVENOUS FISTULAE, CAVERNOUS MALFORMATIONS, AND HYPERVASCULAR TUMORS. LEONARDO RANGEL-CASTILLA, ROBERT SPETZLER, ESTEEMED COAUTHORS, AND AN IMPRESSIVE CADRE OF EXPERTS DISCUSS HIGHLY DIVERGENT MODALITIES INCLUDING MEDICAL MANAGEMENT, OPEN CEREBROVASCULAR, ENDOVASCULAR, RADIOSURGERY, AND COMBINED/MULTIMODALITY ALTERNATIVES. THE BOOK IS ORGANIZED INTO SEVEN SECTIONS: ISCHEMIC STROKE AND VASCULAR INSUFFICIENCY, ANEURYSMS - ANTERIOR CIRCULATION, ANEURYSMS - POSTERIOR CIRCULATION, ANEURYSMS - OTHER, ARTERIOVENOUS MALFORMATIONS AND FISTULA, CAVERNOUS MALFORMATIONS, AND HYPERVASCULAR TUMORS. CHAPTERS INCLUDE AN INTRODUCTION, DECISION-MAKING ALGORITHM, WHETHER TO TREAT, CONSERVATIVE MANAGEMENT, ANATOMICAL CONSIDERATIONS, CLINICAL AND IMAGING EVALUATION, DIFFERENTIAL DIAGNOSIS, TREATMENT OPTIONS, IMAGES, CLINICAL AND RADIOGRAPHIC FOLLOW-UP, AND SUGGESTED READING. KEY HIGHLIGHTS SIMPLE ALGORITHMS ACCOMPANYING 71 CHAPTERS SUPPORTED BY THE LATEST, MOST UPDATED INFORMATION IN THE LITERATURE MORE THAN 300 RADIOLOGIC IMAGES HELP ELUCIDATE DISEASE-SPECIFIC TREATMENT DECISION MAKING STEP-BY-STEP GUIDANCE, CLINICAL PEARLS, SURGICAL NUANCES, COMPLICATION AVOIDANCE, AND EVIDENCE-BASED OUTCOMES PROVIDE IN-DEPTH UNDERSTANDING POINT/COUNTERPOINT EXPERT COMMENTARY ON EACH CASE PROVIDES BALANCED INSIGHTS ON POTENTIAL IMPLICATIONS OF SPECIFIC TREATMENTS THIS ESSENTIAL STEP-BY-STEP BOOK IS A MUST-HAVE FOR RESIDENTS AND FELLOWS IN NEUROSURGERY, NEUROLOGY, ENDOVASCULAR, INTERVENTIONAL RADIOLOGY, VASCULAR NEUROLOGY, AND NEUROCRITICAL CARE, AS WELL AS VETERAN CLINICIANS IN THESE SPECIALTIES.

HANDBOOK OF CEREBROVASCULAR DISEASE AND NEUROINTERVENTIONAL TECHNIQUE - MARK R. HARRIGAN 2012-10-03

FULLY REVISED AND UPDATED, THE HANDBOOK SERVES AS A PRACTICAL GUIDE TO ENDOVASCULAR METHODS AND AS A CONCISE REFERENCE FOR NEUROVASCULAR ANATOMY AND PUBLISHED DATA ABOUT CEREBROVASCULAR DISEASE FROM A NEUROINTERVENTIONALIST'S PERSPECTIVE. DIVIDED INTO THREE PARTS, THE BOOK COVERS: FUNDAMENTALS OF NEUROVASCULAR ANATOMY AND BASIC ANGIOGRAPHIC TECHNIQUES; INTERVENTIONAL TECHNIQUES AND ENDOVASCULAR METHODS, ALONG WITH USEFUL DEVICE INFORMATION AND TIPS AND TRICKS FOR DAILY PRACTICE; SPECIFIC DISEASE STATES, WITH ESSENTIAL CLINICAL INFORMATION ABOUT COMMONLY ENCOUNTERED CONDITIONS. NEW FEATURES IN THE 2ND EDITION INCLUDE: GLOBAL GEMS THAT ILLUMINATE ASPECTS OF THE FIELD OUTSIDE THE UNITED STATES; ANGIO-ANATOMIC AND ANGIO-PATHOLOGIC IMAGE CORRELATES; NEWLY RELEASED CLINICAL STUDY RESULTS INFLUENCING NEUROINTERVENTIONAL PRACTICE; INFORMATION ON EMERGING TECHNOLOGIES IN THIS RAPIDLY ADVANCING FIELD. THE HANDBOOK IS A VITAL RESOURCE FOR ALL CLINICIANS INVOLVED IN NEUROINTERVENTIONAL PRACTICE, INCLUDING RADIOLOGISTS, NEUROSURGEONS, NEUROLOGISTS, CARDIOLOGISTS, AND VASCULAR SURGEONS.

YOUMANS AND WINN NEUROLOGICAL SURGERY E-BOOK - H. RICHARD WINN 2022-01-21
WIDELY REGARDED AS THE DEFINITIVE REFERENCE IN THE FIELD, YOUMANS AND WINN NEUROLOGICAL SURGERY OFFERS UNPARALLELED, MULTIMEDIA COVERAGE OF THE ENTIRETY OF THIS COMPLEX SPECIALTY. FULLY UPDATED TO REFLECT RECENT ADVANCES IN THE BASIC AND CLINICAL NEUROSCIENCES, THE 8TH EDITION COVERS EVERYTHING YOU NEED TO KNOW ABOUT FUNCTIONAL AND RESTORATIVE NEUROSURGERY, DEEP BRAIN STIMULATION, STEM CELL BIOLOGY, RADIOLOGICAL AND NUCLEAR IMAGING, AND NEURO-ONCOLOGY, AS WELL AS MINIMALLY INVASIVE SURGERIES IN SPINE AND PERIPHERAL NERVE SURGERY, AND ENDOSCOPIC AND OTHER APPROACHES FOR CRANIAL PROCEDURES AND CEREBROVASCULAR DISEASES. IN FOUR COMPREHENSIVE VOLUMES, DR. H. RICHARD WINN AND HIS EXPERT TEAM OF EDITORS AND AUTHORS PROVIDE UPDATED CONTENT, A SIGNIFICANTLY EXPANDED VIDEO LIBRARY, AND HUNDREDS OF NEW VIDEO LECTURES THAT HELP YOU MASTER NEW PROCEDURES, NEW TECHNOLOGIES, AND ESSENTIAL ANATOMIC KNOWLEDGE IN NEUROSURGERY. DISCUSSES CURRENT TOPICS SUCH AS DIFFUSION TENSOR IMAGING, BRAIN AND SPINE ROBOTIC SURGERY, AUGMENTED REALITY AS AN AID IN NEUROSURGERY, AI AND BIG DATA IN NEUROSURGERY, AND NEUROIMAGING IN STEREOTACTIC FUNCTIONAL NEUROSURGERY. 55 NEW CHAPTERS PROVIDE CUTTING-EDGE INFORMATION ON SURGICAL ANATOMY OF THE SPINE, PRECISION MEDICINE IN NEUROSURGERY, THE GERIATRIC PATIENT, NEUROANESTHESIA DURING PREGNANCY, LASER INTERSTITIAL THERMAL THERAPY FOR EPILEPSY, FETAL SURGERY FOR MYELOMENINGOCELE, REHABILITATION OF ACUTE SPINAL CORD INJURY, SURGICAL CONSIDERATIONS FOR PATIENTS WITH POLYTRAUMA, ENDOVASCULAR APPROACHES TO INTRACRANIAL ANEURYSMS, AND MUCH MORE. HUNDREDS OF ALL-NEW VIDEO LECTURES CLARIFY KEY CONCEPTS IN TECHNIQUES, CASES, AND SURGICAL MANAGEMENT AND EVALUATION. NOTABLE LECTURE VIDEOS INCLUDE MULTIPLE VIDEOS ON THALAMOTOMY FOR FOCAL HAND DYSTONIA AND A VIDEO TO ACCOMPANY A NEW CHAPTER ON THE BASIC SCIENCE OF BRAIN METASTASES. AN EXTENSIVE VIDEO LIBRARY CONTAINS STUNNING ANATOMY VIDEOS AND VIDEOS DEMONSTRATING INTRAOPERATIVE PROCEDURES WITH MORE THAN 800 VIDEOS IN ALL. EACH CLINICAL SECTION CONTAINS CHAPTERS ON TECHNOLOGY SPECIFIC TO A CLINICAL AREA. EACH SECTION CONTAINS A CHAPTER PROVIDING AN OVERVIEW FROM EXPERIENCED SECTION EDITORS, INCLUDING A REPORT ON ONGOING CONTROVERSIES WITHIN THAT SUBSPECIALTY. ENHANCED EBOOK VERSION INCLUDED WITH PURCHASE. YOUR ENHANCED

EBOOK ALLOWS YOU TO ACCESS ALL OF THE TEXT, FIGURES, AND REFERENCES FROM THE BOOK ON A VARIETY OF DEVICES.

PRACTICAL NEUROANGIOGRAPHY - 2013

BUILDING UPON THE SUCCESS OF PRIOR EDITIONS, PRACTICAL NEUROANGIOGRAPHY, THIRD EDITION, PROVIDES A DETAILED AND RICHLY ILLUSTRATED GUIDE TO DIAGNOSTIC AND INTERVENTIONAL NEUROANGIOGRAPHY AND ITS ROLE IN THE MANAGEMENT OF NEUROVASCULAR DISEASE. THE THIRD EDITION PROVIDES THE NEW FELLOW WITH THE BACKGROUND KNOWLEDGE NEEDED TO UNDERSTAND THESE PROCEDURES, THE UNUSUAL VARIANT ANATOMY THAT CAN AFFECT TREATMENT AND OUTCOMES, AND THE FIELD'S CURRENT LIMITATIONS. ORGANIZED FOR EASE OF USE, THE BOOK'S FOUR SECTIONS ADDRESS TECHNIQUES AND SAFETY; NORMAL ANATOMY & PATHOLOGY CORRELATED WITH ANGIOGRAPHIC IMAGES; ANGIOGRAPHIC FINDINGS OF NEUROVASCULAR DISEASES; AND AN INTRODUCTION TO INTERVENTIONAL TECHNIQUES AND EMERGENCY PROCEDURES. ACTUAL PATIENT CASES PROVIDE PRACTICAL STEPWISE COVERAGE OF EACH PROCEDURE, TIPS FOR ACCURATE DIAGNOSIS, AND GUIDANCE IN CLINICAL DECISION-MAKING.

CEREBROVASCULAR NEUROSURGERY - DR PETER NAKAJI 2019-08-15

PART OF THE NEUROSURGERY BY EXAMPLE SERIES, THIS VOLUME ON CEREBROVASCULAR NEUROSURGERY PRESENTS EXEMPLARY CASES IN WHICH RENOWNED AUTHORS GUIDE READERS THROUGH THE ASSESSMENT AND PLANNING, DECISION MAKING, SURGICAL PROCEDURE, AFTER CARE, AND COMPLICATION MANAGEMENT OF COMMON AND UNCOMMON DISORDERS. THE CASES EXPLORE THE SPECTRUM OF CLINICAL DIVERSITY AND COMPLEXITY WITHIN CEREBROVASCULAR NEUROSURGERY, INCLUDING ANEURYSMS, ISCHEMIC/OCCCLUSIVE DISEASE, ARTERIOVENOUS MALFORMATION, DURAL ARTERIOVENOUS FISTULA, AND MORE. EACH CHAPTER ALSO CONTAINS 'PIVOT POINTS' THAT ILLUMINATE CHANGES REQUIRED TO MANAGE PATIENTS IN ALTERNATE OR ATYPICAL SITUATIONS, AND PEARLS FOR ACCURATE DIAGNOSIS, SUCCESSFUL TREATMENT, AND EFFECTIVE COMPLICATION MANAGEMENT. CONTAINING A FOCUSED REVIEW OF MEDICAL EVIDENCE AND EXPECTED OUTCOMES, CEREBROVASCULAR NEUROSURGERY IS APPROPRIATE FOR NEUROSURGEONS WHO WISH TO LEARN MORE ABOUT A SUBSPECIALTY, AND THOSE PREPARING FOR THE AMERICAN BOARD OF NEUROLOGICAL SURGERY ORAL EXAMINATION.

COMPREHENSIVE MANAGEMENT OF ARTERIOVENOUS MALFORMATIONS OF THE BRAIN AND SPINE - ROBERT F. SPETZLER 2015-01-08

COMPREHENSIVE, STATE-OF-THE-ART REVIEW OF THE NATURAL HISTORY, TREATMENT, AND OUTCOMES OF PATIENTS WITH VASCULAR MALFORMATIONS OF THE BRAIN AND SPINE.

ANATOMY OF CRANIAL ARTERIES, EMBRYOLOGY AND VARIANTS - THOMAS ROBERT 2023-09-30

THIS BOOK ON THE ANATOMY OF CENTRAL NERVOUS SYSTEM ARTERIES CONCENTRATES ON ALL ANATOMICAL VARIATIONS OF THE CENTRAL NERVOUS SYSTEM AND IT DESCRIBES THE EMBRYOLOGICAL PROCESSES THAT HIDE BEHIND THE POSSIBLE ADULT VARIANTS. THE FIRST SECTION OF THE WORK IS A REMINDER OF GENERAL CONCEPTS OF EMBRYOLOGY. AFTER THAT, EACH SECTION CORRESPONDS TO ARTERIES OF AN ANATOMICAL LOCATION: INTRADURAL, DURAL, SKULL BASE AND CRANIO-CERVICAL JUNCTION. EACH CHAPTER IS DEDICATED TO A SINGLE ARTERY TO FACILITATE THE READER'S SEARCH FOR INFORMATION. IN ADDITION, MODERN AND DETAILED ILLUSTRATIONS OF THE EMBRYOLOGICAL STEPS AND ADULT VARIANTS ARE INCLUDED. THERE ARE TWO TYPES OF ILLUSTRATIONS: ARTIST'S DRAWING, USUALLY TO EXPLAIN THE VASCULAR EMBRYOLOGY, AND ANGIOGRAPHIC IMAGES. THE CENTRAL POINT OF THE BOOK LIES IN THE SPACE DEVOTED TO THE EMBRYOLOGICAL DEVELOPMENT OF EACH ARTERY AND THE PROCESSES THAT CAN LEAD TO THE DEVELOPMENT OF DIFFERENT VARIANTS IN THE ADULT. THE AUDIENCE OF THIS BOOK IS AIMED AT NEUROSURGEONS AND NEURORADIOLOGISTS, SPECIALISTS IN THE NEUROVASCULAR AREA, BUT IT WILL ALSO HELP RESIDENTS IN NEUROSURGERY, NEURORADIOLOGY AND NEUROLOGY IN THEIR DAILY PRACTICE.

DEJONG'S THE NEUROLOGIC EXAMINATION - WILLIAM W. CAMPBELL 2012-10-22
NOW IN ITS SEVENTH EDITION, DEJONG'S THE NEUROLOGIC EXAMINATION HAS BEEN STREAMLINED AND UPDATED FOR A NEW GENERATION. AN ABSOLUTELY COMPREHENSIVE, DETAILED GUIDE TO TECHNIQUES ON THE NEUROLOGIC EXAMINATION, THIS BOOK INTEGRATES DETAILS OF NEUROANATOMY AND CLINICAL DIAGNOSIS IN A READABLE MANNER. THE TEXT IS SUPPLEMENTED BY HELPFUL BOXES THAT HIGHLIGHT CLINICAL PEARLS AND OFFER ILLUSTRATIVE CASES, AND TABLES SUMMARIZE DIFFERENTIALS AND LISTS OF CLINICAL FINDINGS.

NEUROVASCULAR SURGICAL DISEASES - RENATO GALZIO 2020

NOWADAYS, NEUROVASCULAR DISEASES REPRESENT A FIELD OF ENORMOUS INTEREST IN CLINICAL AND SURGICAL AREAS BECAUSE OF THEIR COMPLEX MANAGEMENT AND RECENT ADVANCES ABOUT SURGICAL AND ENDOVASCULAR TECHNIQUES. THE DIFFICULT DECISION-MAKING PROCESS AT THE BASE OF THESE PATHOLOGIES COMPREHENDS A WIDE SERIES OF TREATMENT OPTIONS WHICH OUGHT TO BE MASTERED BY ALL THE SPECIALISTS FACING THE NEUROVASCULAR PATHOLOGY. THIS BOOK ADDRESSES EVERY ASPECT OF THE MOST COMMON NEUROVASCULAR DISEASES, AS INTRACRANIAL ANEURYSMS, BRAIN AND SPINAL CORD AVMS AND CAVERNOUS ANGIOMAS, CRANIAL AND SPINAL DURAL ARTERIOVENOUS FISTULAS, AS WELL AS SPONTANEOUS CEREBRAL HEMORRHAGES. IT ALSO FOCUSES ON THE NEWER TECHNOLOGIES REGARDING THE INTRAOPERATIVE IMAGING OF THE CEREBRAL BLOOD FLOW. A LARGE PART IS DEDICATED TO THE SURGICAL APPROACHES, BUT ALSO TIPS AND TRICKS OF THE MANAGEMENT OF THESE COMPLEX PATHOLOGIES, PRESENTED BY EXPERT AND WORLD-RENOWNED NEUROSURGEONS, NEURORADIOLOGISTS AND OTHER SPECIALISTS. THE FIRST SECTION REVIEWS THE ANATOMY OF THE SKULL BASE, CRANIAL AND SPINAL CORD VASCULATURE. THE SECOND ANALYZES IN DETAIL THE DIAGNOSIS, DECISION-MAKING PROCESS, PREOPERATIVE EVALUATION AND SURGICAL PLANNING OF THE MOST COMMON

SURGICAL NEUROVASCULAR DISEASES. THE THIRD REPORTS THE MOST COMMON SURGICAL APPROACHES EMPLOYED FOR CRANIAL NEUROVASCULAR DISEASES, WHEREAS THE FOURTH MISCELLANEOUS SECTION IS MAINLY DEDICATED TO THE PECULIAR ASPECTS REGARDING THE MANAGEMENT OF GIANT AND COMPLEX ANEURYSMS, ENDOVASCULAR TECHNIQUES, AND ALSO THE ROLE OF RADIOSURGERY FOR SPECIFIC INTRA-AXIAL VASCULAR LESIONS. A FURTHER CHAPTER DESCRIBES THE TECHNICAL ASPECTS REGARDING THE USE OF INDOCYANINE GREEN AND FLUORESCIN VIDEOANGIOGRAPHY DURING NEUROVASCULAR SURGERY. THE MAIN VALUABLE STRENGTHS OF THIS BOOK LIE IN ITS CASE-BASED CONCEPTION AND WIDE NUMBER OF COLORED FIGURES, TABLES AND TREATMENT ALGORITHMS. IN ITS STRUCTURED ORGANIZATION, THIS BOOK SERVES AS A PRACTICAL CASE-BASED GUIDE FOR NEUROSURGEONS, NEUROLOGISTS, NEURORADIOLOGISTS, RESIDENTS, FELLOWS, PHYSICIANS AND MEDICAL STUDENTS INVOLVED IN THE FIELD OF NEUROSCIENCE. THE BOOK ENABLES ALL THESE SPECIALISTS TO GAIN HIGH-VALUE INSIGHTS INTO THE PREOPERATIVE EVALUATION, PLANNING, SURGICAL TECHNIQUES, PITFALLS, PREVENTION AND MANAGEMENT OF COMPLICATIONS OF THE SURGICAL NEUROVASCULAR PATHOLOGY. THANKS TO THE CONTRIBUTION OF DIFFERENT WORLD-RENOWNED NEUROSURGEONS, NEURORADIOLOGISTS AND EXPERTS, THIS BOOK ALSO PROMOTES AN UPDATED OVERVIEW OF THE MOST RECENT ADVANCES IN NEUROVASCULAR AND NEUROENDOVASCULAR SURGERY, AT THE SAME TIME ENCOURAGING AN INTERDISCIPLINARY APPROACH.

NEUROVASCULAR NEUROPSYCHOLOGY - JOANNE FESTA 2011-11-02

NEUROVASCULAR DISEASES AND CONDITIONS, AND THEIR ASSOCIATED RISK FACTORS, REPRESENT A SIGNIFICANT CAUSE OF COGNITIVE DISABILITY IN THE UNITED STATES AND THROUGHOUT THE WORLD. IN THE USA ALONE THERE ARE 750,000 NEW STROKES EACH YEAR, REPRESENTING THE NUMBER ONE CAUSE OF DISABILITY IN THE COUNTRY. HYPERTENSION, FOUND IN APPROXIMATELY 50 MILLION AMERICANS, HAS BEEN SHOWN TO BE ASSOCIATED WITH ALTERATIONS OF COGNITIVE FUNCTION, EVEN IN THE ABSENCE OF STROKE AND DEMENTIA. RECENT STUDIES OF NEUROVASCULAR DISEASE HAVE NOW REVEALED THAT NEUROPSYCHOLOGICAL FUNCTION MAY BE A MORE SENSITIVE MEASURE OF BRAIN INTEGRITY THAN COORDINATION, MOTOR OR SENSORY FUNCTION AND CORRELATES WITH FUNCTIONAL OUTCOME MEASURES. NEUROVASCULAR NEUROPSYCHOLOGY FOCUSES ON FOCAL AND DIFFUSE NEUROVASCULAR DISEASE IN ADDITION TO SYSTEMIC CONDITIONS IN WHICH COGNITION AND BEHAVIOR HAVE BEEN UNIQUELY ASSOCIATED WITH DIFFERENT PATHOLOGIC STATES. WITH AN INCREASING NUMBER OF PATIENTS BEING TREATED BY HEALTHCARE PROFESSIONALS, NEUROVASCULAR NEUROPSYCHOLOGY WILL PROVE TO BE A STRONG REFERENCE TO CONSULT IN REGARDS TO NEUROPSYCHOLOGICAL SYNDROMES.

EMERGENCY AND TRAUMA CARE FOR NURSES AND PARAMEDICS - KATE CURTIS 2015-10-16

THE SECOND EDITION OF EMERGENCY AND TRAUMA CARE FOR NURSES AND PARAMEDICS PROVIDES THE MOST UP-TO-DATE AND COMPREHENSIVE COVERAGE OF CLINICAL PROCEDURES AND ISSUES ENCOUNTERED IN CONTEMPORARY EMERGENCY CARE IN AUSTRALIA AND NEW ZEALAND. WRITTEN BY LEADING ACADEMICS AND CLINICIANS, THIS FULLY REVISED AND UPDATED EDITION FOLLOWS THE PATIENT'S JOURNEY FROM PRE-HOSPITAL RETRIEVAL TO DEFINITIVE CARE. WITH A STRONG FOCUS ON MULTIDISCIPLINARY CARE, THIS EVIDENCE-BASED EMERGENCY AND TRAUMA RESOURCE WILL APPEAL TO PRE-HOSPITAL CARE PROVIDERS, RURAL, REMOTE AND URBAN EMERGENCY NURSES AND ALLIED HEALTH PROFESSIONALS, AS WELL AS DISASTER MANAGEMENT AND INTERFACILITY TRANSPORT STAFF. ESSENTIAL CONCEPTS ARE COVERED IN A LOGICAL ORDER, COMMENCING WITH: AN INTRODUCTION TO EMERGENCY PROFESSIONS AND PROFESSIONAL ISSUES CLINICAL AND HEALTH SYSTEMS PATIENT PRESENTATIONS ORDERED BY BODY SYSTEM AS WELL AS TOXICOLOGY, ENVENOMATION, OCULAR, ENVIRONMENTAL EMERGENCIES AND UNIQUE POPULATION GROUPS MAJOR TRAUMA ASSESSMENT AND MANAGEMENT AND END-OF-LIFE CARE INFORMATION AND CONSIDERATIONS. EMERGENCY AND TRAUMA CARE FOR NURSES AND PARAMEDICS 2E CONTINUES TO BE THE PRE-EMINENT RESOURCE FOR STUDENTS PREPARING TO ENTER THE EMERGENCY ENVIRONMENT AND FOR CLINICIANS SEEKING A GREATER UNDERSTANDING OF MULTIDISCIPLINARY CARE FROM RETRIEVAL THROUGH TO REHABILITATION. A CULTURAL SAFETY APPROACH IS INCLUDED THROUGHOUT - ADDRESSING CULTURAL DIVERSITY, BELIEFS AND VALUES AND FOCUSING ON ABORIGINAL AND TORRES STRAIT ISLANDER HEALTH AND MAJOR HEALTH ESSENTIALS OUTLINE THE MAIN POINTS ADDRESSED IN EACH CHAPTER PRACTICE TIPS THROUGHOUT ASSIST WITH COMMUNICATION SKILLS, PROCEDURES AND ASSESSMENT CASE STUDIES ARE SUPPORTED BY QUESTIONS AND ANSWERS TO ENCOURAGE ACTIVE LEARNING NEW ONLINE RESOURCES AVAILABLE ON EVOLVE, INCLUDING OVER 30 NEW CASE STUDIES WITH PARAMEDIC-SPECIFIC QUESTIONS. HIGHLIGHTED SKILLS - CROSS REFERENCES TO THE CLINICAL SKILLS CHAPTER THROUGHOUT TEXT OVER 30 NEW CASE STUDIES PATIENT JOURNEY FROM PRE-HOSPITAL AND EMERGENCY-SPECIFIC CASE STUDIES CRITICAL THINKING QUESTIONS AT THE END OF CHAPTERS CHAPTER 35 OBSTETRIC EMERGENCIES NOW INCLUDES 'SUPPORTING A NORMAL BIRTH'.

DECISION-MAKING IN ADULT NEUROLOGY, E-Book - BRETT CUCCHIARA 2020-09-16

WRITTEN BY NEUROLOGISTS FOR NEUROLOGISTS, DECISION-MAKING IN ADULT NEUROLOGY PROVIDES PRACTICAL GUIDANCE WHEN ENCOUNTERING PATIENTS WHOSE CLINICAL PRESENTATION IS UNFAMILIAR OR COMPLEX, OR WHOSE TREATMENT PATH IS NOT COMPLETELY CERTAIN. THIS USEFUL HANDBOOK IS FILLED WITH DIAGNOSTIC AND TREATMENT ALGORITHMS THAT ENCOURAGE YOU TO THINK SYSTEMATICALLY AND FOLLOW A LOGICAL SEQUENCE THROUGH THE STEPS NECESSARY FOR EFFICIENT AND EFFECTIVE DECISION-MAKING. OUTLINES THE KEY DECISION POINTS IN PATIENT MANAGEMENT, PROVIDING A WEALTH OF SYSTEMATIC INFORMATION THAT ENSURES YOU TAKE INTO ACCOUNT THE PROPER PHYSICAL SIGNS AND TEST RESULTS THAT WILL GUIDE YOUR RECOMMENDATIONS. CONTAINS 119 ALGORITHMS COVERING SYMPTOMS AND SIGNS, SPECIFIC NEUROLOGIC CONDITIONS, VASCULAR DISORDERS, SEIZURES, HEAD TRAUMA, NEOPLASTIC DISEASE, PERIPHERAL NERVOUS DISORDERS, AND MUSCLE DISEASE. ACCOMPANIES EACH ALGORITHM WITH BRIEF TEXT THAT EXPLAINS THE SIGNIFICANCE OF IMPORTANT DECISION POINTS. PROVIDES STEP-BY-STEP DECISION-MAKING GUIDELINES FOR TESTING AND MANAGEMENT OF PARANEOPLASTIC DISEASES, CHOICE OF INITIAL MS THERAPY, EVALUATION OF INCIDENTALLY DISCOVERED MRI WHITE MATTER LESIONS, MANAGEMENT OF ASYMPTOMATIC CAROTID STENOSIS, AND MUCH MORE.

NEUROBIOLOGY OF DECISION-MAKING - ANTONIO R. DAMASIO 2012-12-06

NEUROSCIENCE HAS PAID ONLY LITTLE ATTENTION TO DECISION-MAKING FOR MANY YEARS. ALTHOUGH NO FIELD OF SCIENCE HAS COHERED AROUND THIS TOPIC, A VARIETY OF RESEARCHERS IN DIFFERENT AREAS OF NEUROSCIENCE RANGING FROM CELLULAR PHYSIOLOGY

TO NEUROPSYCHOLOGY AND COMPUTATIONAL NEUROSCIENCE HAVE BEEN ENGAGED IN WORKING ON THIS ISSUE. THUS, THE TIME SEEMED TO BE RIPE TO BRING THESE RESEARCHERS TOGETHER AND DISCUSS THE STATE OF THE ART OF THE NEUROBIOLOGY OF DECISION-MAKING IN A BROAD FORUM. THIS BOOK IS A COLLECTION OF CONTRIBUTIONS PRESENTED AT THAT FORUM IN PARIS IN OCTOBER 1994 ORGANIZED BY THE FONDATION IPSEN.

HANDBOOK OF STROKE - DAVID O. WIEBERS 2019-11

WRITTEN BY LEADERS IN THE FIELD OF STROKE MEDICINE, HANDBOOK OF STROKE, THIRD EDITION, IS A CONCISE, ONE-STOP GUIDE COVERING ALL ASPECTS OF CLINICAL MANAGEMENT OF PATIENTS WITH CEREBROVASCULAR DISORDERS. THIS USER-FRIENDLY HANDBOOK BRINGS YOU UP TO DATE WITH THE MOST RECENT ADVANCES AND KNOWLEDGE IN THE FIELD, PROVIDING PRACTICE-ORIENTED OVERVIEWS AND RECOMMENDATIONS THAT SAVE LIVES AND REDUCE IMPAIRMENT OF FUNCTION. IT ADDRESSES SPECIFIC SITUATIONS YOU'RE LIKELY TO ENCOUNTER, OFFERING CLINICAL GUIDANCE BASED ON AVAILABLE EVIDENCE AND PRACTICAL EXPERIENCE. COVERS EVERYTHING FROM CLINICAL AND LABORATORY ASSESSMENT, DIFFERENTIAL DIAGNOSIS, AND INITIAL MANAGEMENT TO MEDICAL AND SURGICAL TREATMENT, PROGNOSIS, REHABILITATION, AND STROKE PREVENTION. INCLUDES NEW CHAPTERS ON THE GLOBAL BURDEN OF STROKE AND RESTORATIVE THERAPIES FOLLOWING STROKE. PROVIDES EXPERT STATE-OF-THE-ART GUIDANCE ON ACUTE STROKE TREATMENT, CEREBROVASCULAR DISEASE GENETICS, PRIMARY STROKE PREVENTION, MANAGEMENT OF UNRUPTURED INTRACRANIAL ANEURYSMS, AND CURRENT THERAPIES FOR STROKE-RELATED SYMPTOMS AND DISORDERS. GUIDES YOUR DECISION MAKING WITH CLEAR PRESENTATIONS OF THE THOUGHT PROCESSES THAT EXPERIENCED NEUROVASCULAR CLINICIANS TYPICALLY USE, INCLUDING WHAT CAN BE LEARNED FROM THE HISTORY, CLINICAL MANAGEMENT ALGORITHMS, WHEN PATIENTS WITH STROKE SHOULD BE HOSPITALIZED VS. EVALUATED AS OUTPATIENTS, AND MORE. ENRICH YOUR eBook READING EXPERIENCE READ DIRECTLY ON YOUR PREFERRED DEVICE(S), SUCH AS COMPUTER, TABLET, OR SMARTPHONE. EASILY CONVERT TO AUDIOBOOK, POWERING YOUR CONTENT WITH NATURAL LANGUAGE TEXT-TO-SPEECH.

DECISION MAKING IN NEUROVASCULAR DISEASE - LEONARDO RANGEL-CASTILLA 2018-05-07

NEUROVASCULAR MEDICINE HAS EMERGED AS AN ESTABLISHED, SEMI-INDEPENDENT SUBSPECIALTY OF NEUROLOGY AND NEUROSURGERY. DECISION MAKING IN NEUROVASCULAR DISEASE FOCUSES ON THE CHALLENGING PROCESS OF DETERMINING THE BEST APPROACH FOR MANAGING PATIENTS WITH INTRACRANIAL ATHEROSCLEROSIS, CAROTID ARTERY DISEASE, STROKE, ANEURYSMS, ARTERIOVENOUS MALFORMATIONS, ARTERIOVENOUS FISTULAE, CAVERNOUS MALFORMATIONS, AND HYPERVASCULAR TUMORS. LEONARDO RANGEL-CASTILLA, ROBERT SPETZLER, ESTEEMED COAUTHORS, AND AN IMPRESSIVE CADRE OF EXPERTS DISCUSS HIGHLY DIVERGENT MODALITIES INCLUDING MEDICAL MANAGEMENT, OPEN CEREBROVASCULAR, ENDOVASCULAR, RADIOSURGERY, AND COMBINED/MULTIMODALITY ALTERNATIVES. THE BOOK IS ORGANIZED INTO SEVEN SECTIONS: ISCHEMIC STROKE AND VASCULAR INSUFFICIENCY, ANEURYSMS - ANTERIOR CIRCULATION, ANEURYSMS - POSTERIOR CIRCULATION, ANEURYSMS - OTHER, ARTERIOVENOUS MALFORMATIONS AND FISTULA, CAVERNOUS MALFORMATIONS, AND HYPERVASCULAR TUMORS. CHAPTERS INCLUDE AN INTRODUCTION, DECISION-MAKING ALGORITHM, WHETHER TO TREAT, CONSERVATIVE MANAGEMENT, ANATOMICAL CONSIDERATIONS, CLINICAL AND IMAGING EVALUATION, DIFFERENTIAL DIAGNOSIS, TREATMENT OPTIONS, IMAGES, CLINICAL AND RADIOGRAPHIC FOLLOW-UP, AND SUGGESTED READING. KEY HIGHLIGHTS: SIMPLE ALGORITHMS ACCOMPANYING 71 CHAPTERS SUPPORTED BY THE LATEST, MOST UPDATED INFORMATION IN THE LITERATURE MORE THAN 300 RADIOLOGIC IMAGES HELP ELUCIDATE DISEASE-SPECIFIC TREATMENT DECISION MAKING STEP-BY-STEP GUIDANCE, CLINICAL PEARLS, SURGICAL NUANCES, COMPLICATION AVOIDANCE, AND EVIDENCE-BASED OUTCOMES PROVIDE IN-DEPTH UNDERSTANDING POINT/COUNTERPOINT EXPERT COMMENTARY ON EACH CASE PROVIDES BALANCED INSIGHTS ON POTENTIAL IMPLICATIONS OF SPECIFIC TREATMENTS THIS ESSENTIAL STEP-BY-STEP BOOK IS A MUST-HAVE FOR RESIDENTS AND FELLOWS IN NEUROSURGERY, NEUROLOGY, ENDOVASCULAR, INTERVENTIONAL RADIOLOGY, VASCULAR NEUROLOGY, AND NEUROCRITICAL CARE, AS WELL AS VETERAN CLINICIANS IN THESE SPECIALTIES.

POTENTIAL BIOMARKERS IN NEUROVASCULAR DISORDERS - JOHN ZHANG 2023-05-05

THE JEFFERSON MANUAL FOR NEUROCRITICAL CARE - JACK I. JALLO 2021-01-06

THE QUINTESSENTIAL REFERENCE FOR BEDSIDE MEDICAL MANAGEMENT OF NEUROCRITICAL CARE PATIENTS MEDICAL MANAGEMENT OF PATIENTS IN THE NEUROCRITICAL CARE UNIT (NCCU) OFTEN SPELLS THE DIFFERENCE BETWEEN LIFE OR DEATH AND RETURN TO NORMAL FUNCTION OR A LIFETIME DISABILITY. AS SUCH, IT IS VITAL THAT PATIENTS WITH LIFE-THREATENING NEUROLOGICAL AND NEUROSURGICAL ILLNESSES RECEIVE PROMPT DIAGNOSIS AND RAPID INTERVENTIONS IN THE NCCU. THE JEFFERSON MANUAL FOR NEUROCRITICAL CARE BY RENOWNED NEUROSURGEON JACK I. JALLO, NEUROINTENSIVE CARE PHYSICIAN JACQUELINE S. URTECHO, AND DISTINGUISHED COLLEAGUES IS A HIGH-YIELD POCKET RESOURCE IDEAL FOR THE BEDSIDE CARE OF PATIENTS WITH SERIOUS, LIFE-ALTERING DISEASES. NINETEEN CONCISE CHAPTERS ENCOMPASS CEREBROVASCULAR, NEUROMUSCULAR, ONCOLOGIC, AND TRAUMATIC CONDITIONS, AS WELL AS CORE CLINICAL TOPICS APPLICABLE TO THE CARE OF NEUROCRITICAL PATIENTS. KEY HIGHLIGHTS EVIDENCE-BASED MANAGEMENT STRATEGIES CREATED AT THOMAS JEFFERSON UNIVERSITY'S VICKIE AND JACK FARBER INSTITUTE FOR NEUROSCIENCE PRESENTED IN READER-FRIENDLY ALGORITHMS, PICTURES, AND CHARTS GENERAL CHAPTERS COVER BRAIN DEATH, SODIUM DYSREGULATION, NUTRITION, SEDATION, PAIN MANAGEMENT, NEUROMONITORING, AND VENTILATION STRATEGIES DISEASE-SPECIFIC CHAPTERS FEATURING SUCCINCT, BULLETED FORMAT INCLUDE EPIDEMIOLOGY, CAUSES, DIAGNOSTIC TESTS, TREATMENT OPTIONS, SYMPTOMS, COMMON CLINICAL PRESENTATION, RISK FACTORS, DIFFERENTIAL DIAGNOSES, AND MORE THIS MANUAL IS AN INDISPENSABLE RESOURCE FOR NEUROCRITICAL CARE RESIDENTS AND FELLOWS, NCCU NURSES, NURSE PRACTITIONERS, PHYSICIAN ASSISTANTS, GENERAL INTENSIVE CARE PHYSICIANS, AND NEUROINTENSIVISTS.

IMAGING IN NEUROVASCULAR DISEASE - WALEED BRINJIKJI 2019-09-20

UNIQUE CASE-BASED REFERENCE PRESENTS HIGH-YIELD IMAGES AND EXPERTISE FOCUSED ON VASCULAR NEURORADIOLOGY IMAGING IN NEUROVASCULAR DISEASE: A CASE-BASED APPROACH BY WALEED BRINJIKJI AND TIMO KRINGS IS UNIQUE IN ITS APPROACH, DETAILING DIAGNOSTIC AND INTERVENTIONAL NEURORADIOLOGY CASES BASED ON RADIOLOGIC FINDINGS. THE BOOK EXPLORES THE KEY ROLE VASCULAR IMAGING CAN PLAY IN TREATMENT DECISION MAKING, PROGNOSTICATION, AND IMPROVING THE UNDERSTANDING OF THE PATHOPHYSIOLOGY

OF NEUROVASCULAR DISEASES. SPREAD OVER 11 CHAPTERS, THIS BOOK COVERS A FULL SPECTRUM OF NEUROVASCULAR DISEASES SPANNING THE AGE CONTINUUM, STARTING WITH ACUTE ISCHEMIC STROKE, CONCLUDING WITH SPINAL VASCULAR DISEASE. ALL VASCULAR NEURORADIOLOGY CASES FOLLOW A CONSISTENT FORMAT. AFTER A SUCCINCT INTRODUCTION DESCRIBING THE CLINICAL SCENARIO WITH RELEVANT CASE IMAGES, THE AUTHORS PRESENT KEY FACTS ABOUT THE DISEASE AND THE INTEGRAL ROLE OF DIFFERENT NEUROVASCULAR IMAGING PROCEDURES IN DISEASE MANAGEMENT. IMAGING FINDINGS ARE DISCUSSED IN DEPTH, WITH INSIGHTFUL CLINICAL PEARLS ON IMAGE-GUIDED PROCEDURES AND TIPS ON MANAGING POTENTIAL PITFALLS. KEY HIGHLIGHTS ABOUT 600 HIGH-QUALITY NONINVASIVE IMAGES, SUCH AS MR ANGIOGRAPHY/MR IMAGING, CT ANGIOGRAPHY/CT PERFUSION, WITH ANGIOGRAPHY WHERE APPLICABLE, ELUCIDATE A SPECTRUM OF FINDINGS ANALYSIS OF THE IMAGING APPEARANCE OF A DIVERSE ARRAY OF COMMON TO RARE NEUROVASCULAR DISEASES PROVIDES DIAGNOSTIC AND TREATMENT INSIGHTS EACH CASE CONCLUDES WITH THE MOST IMPORTANT POINTS CLINICIANS NEED TO KNOW, HIGH-YIELD FACTS ABOUT A SPECIFIC CEREBROVASCULAR DISEASE, AND SUGGESTED READINGS FOR FURTHER EXPLORATION THIS UNIQUE CASE-BASED BOOK IS ESSENTIAL READING FOR RADIOLOGY, NEUROLOGY AND NEUROSURGERY RESIDENTS. IT WILL GREATLY BENEFIT NEUROVASCULAR DISEASE SPECIALISTS INCLUDING RADIOLOGISTS, NEUROSURGEONS AND NEUROLOGISTS AS WELL AS INTERESTED IN FURTHERING THEIR KNOWLEDGE ON THE USE OF NEUROIMAGING TO GUIDE NEUROINTERVENTIONAL AND NEUROSURGICAL PROCEDURES TO TREAT CEREBROVASCULAR DISEASE.

PRACTICAL NEUROANGIOGRAPHY - P. PEARSE MORRIS 2013-05-15

BUILDING UPON THE SUCCESS OF PRIOR EDITIONS, PRACTICAL NEUROANGIOGRAPHY, THIRD EDITION, PROVIDES A DETAILED AND RICHLY ILLUSTRATED GUIDE TO DIAGNOSTIC AND INTERVENTIONAL NEUROANGIOGRAPHY AND ITS ROLE IN THE MANAGEMENT OF NEUROVASCULAR DISEASE. THE THIRD EDITION PROVIDES THE NEW FELLOW WITH THE BACKGROUND KNOWLEDGE NEEDED TO UNDERSTAND THESE PROCEDURES, THE UNUSUAL VARIANT ANATOMY THAT CAN AFFECT TREATMENT AND OUTCOMES, AND THE FIELD'S CURRENT LIMITATIONS. ORGANIZED FOR EASE OF USE, THE BOOK'S FOUR SECTIONS ADDRESS TECHNIQUES AND SAFETY; NORMAL ANATOMY & PATHOLOGY CORRELATED WITH ANGIOGRAPHIC IMAGES; ANGIOGRAPHIC FINDINGS OF NEUROVASCULAR DISEASES; AND AN INTRODUCTION TO INTERVENTIONAL TECHNIQUES AND EMERGENCY PROCEDURES. ACTUAL PATIENT CASES PROVIDE PRACTICAL STEPWISE COVERAGE OF EACH PROCEDURE, TIPS FOR ACCURATE DIAGNOSIS, AND GUIDANCE IN CLINICAL DECISION-MAKING.

CLINICAL PERFUSION MRI - PETER B. BARKER 2013-05-16

THIS CONCISE AND COMPREHENSIVE REVIEW UNIQUELY CONTAINS ALL THE INFORMATION REQUIRED TO PERFORM AND INTERPRET CLINICAL MR PERFUSION IMAGING.

NEUROSURGICAL DISEASES - LEON T. LAI 2021-11-17

A STRUCTURED, EVIDENCE-BASED APPROACH TO NEUROSURGICAL DECISION-MAKING FOR BRAIN PATHOLOGIES EVIDENCE-BASED NEUROSURGERY IS ONE OF THE MOST IMPORTANT PILLARS UPON WHICH TO BUILD DECISION MANAGEMENT PATHWAYS. EFFECTIVE DELIVERY OF CARE INVOLVES UNDERSTANDING THE NATURAL HISTORY OF THE DISEASE AND THE EVIDENCE BEHIND AVAILABLE TREATMENT OPTIONS. NEUROSURGICAL DISEASES: AN EVIDENCE-BASED APPROACH TO GUIDE PRACTICE BY ESTEEMED NEUROSURGEONS LEON T. LAI, CRISTIAN GRAGNANIELLO, AND EXPERT CONTRIBUTORS COVERS CRANIAL PATHOLOGIES NEUROSURGEONS COMMONLY ENCOUNTER IN EVERYDAY PRACTICE. THE BOOK COMBINES A STRUCTURED APPROACH TO EVIDENCE-BASED NEUROSURGERY WITH EXPERT OPINIONS, ANALYSIS OF UP-TO-DATE CLINICAL DATA, UNDERSTANDING OF PATIENT PREFERENCES AND VALUES, AND FIRSTHAND EXPERIENCES TO FACILITATE TRANSLATION OF EVIDENCE INTO CLINICAL PRACTICE. TWENTY-SEVEN CONSISTENTLY FORMATTED CHAPTERS ARE EACH DEDICATED TO A DIFFERENT DISEASE STATE, INCLUDING BRAIN TUMORS, CEREBROVASCULAR DISEASE, CUSHING'S DISEASE, TRAUMATIC BRAIN INJURY, TRIGEMINAL NEURALGIA, AND NORMAL PRESSURE HYDROCEPHALUS. ALL CHAPTERS INCLUDE AN INTRODUCTION, CURRENT STATISTICS AND DATA, NATURAL HISTORY OF THE PATHOLOGY, SELECTED PAPERS FOR FURTHER READING, PROCEDURAL OPTIONS AND OUTCOMES, AND RECOMMENDED TREATMENT PROTOCOLS FROM THE AUTHORS. KEY FEATURES KEY CONTENT SUMMARIZED IN READER-FRIENDLY BULLETS, DIAGRAMS, TABLES, AND ILLUSTRATIVE FIGURES ENHANCES ACQUISITION OF KNOWLEDGE DISCUSSION OF NEW DEVELOPMENTS INCLUDING TREATMENT RECOMMENDATIONS FOR PRIMARY AND METASTATIC BRAIN TUMORS STATISTICAL DATA ON CEREBRAL ANEURYSM TREATMENT OUTCOMES AND RECOMMENDATIONS FOR TREATMENT NEW PROTOCOLS FOR TREATING HEAD TRAUMA, CLOSED HEAD INJURIES, AND SPONTANEOUS INTRACRANIAL HEMORRHAGE THIS ESSENTIAL RESOURCE WILL HELP NEUROSURGICAL RESIDENTS AND JUNIOR NEUROSURGEONS MAKE CHALLENGING SURGICAL TREATMENT DECISIONS FOR COMPLEX CONDITIONS, CLEARLY AND CONCISELY AND BASED ON THE BEST EVIDENCE.

CAVERNOMAS OF THE CNS - ONDREJ BRADY 2020-08-10

THIS BOOK PRESENTS A COMPLETE UP-TO DATE DESCRIPTION OF CAVERNOMA DISEASE TOGETHER WITH ITS KNOWN BIOLOGY, GENETICS AND VARIABLE CLINICAL PRESENTATION. IT FACILITATES IMPROVED DECISION-MAKING ON SURGICAL INTERVENTION BY PRESENTING DIFFERENT CASES, HIGHLIGHTING THE PARTICULAR FEATURES OF LESIONS SUCH AS ANATOMICAL LOCATION, ELOQUENCES OF ADJACENT BRAIN AND TYPE OF PRESENTATION THAT ARE IMPORTANT WHEN MAKING DECISIONS. IN ADDITION, THE READER IS BROUGHT UP TO SPEED WITH DEVELOPMENTS IN THE NEUROIMAGING AND ACTIVE TREATMENT TECHNIQUES, ESPECIALLY SURGICAL RESECTION AND RADIOSURGERY. FINALLY, THE NATURAL HISTORY OF THE DISEASE IS TAKEN INTO ACCOUNT AND COMPARED TO THE POSSIBLE BENEFITS OF SURGICAL TREATMENT. CAVERNOMAS OF THE CNS: BASIC SCIENCE TO CLINICAL PRACTICE PROVIDES A COMPREHENSIVE OVERVIEW FROM THE FUNDAMENTALS OF THIS CONDITION, TO SPECIAL PATIENT GROUPS SUCH AS CHILDREN AND PREGNANT WOMEN. THEREFORE, IT IS AN INDISPENSABLE RESOURCE FOR NEUROVASCULAR SURGEONS, NEUROSURGICAL RESIDENTS AND NEUROLOGISTS.

NEUROVASCULAR SURGICAL TECHNIQUES - PASCAL M JABBOUR 2013-03-31

COMPREHENSIVE GUIDE TO THE LATEST TECHNIQUES IN NEUROVASCULAR SURGERY, COVERING A WIDE RANGE OF NEUROVASCULAR DISEASES IN BOTH OPEN SURGICAL AND ENDOVASCULAR ASPECTS OF TREATMENT.

NUCLEAR MEDICINE IN CLINICAL DIAGNOSIS AND TREATMENT - PETER JOSEF ELL 2004

AN INTERNATIONALLY RECOGNIZED TEAM OF EDITORS AND CONTRIBUTORS PRESENT AN AUTHORITATIVE, STATE-OF-THE-ART REFERENCE ON NUCLEAR MEDICINE AND ITS CLINICAL APPLICATIONS. THEY FOCUS ON HELPING THE READER TO SOLVE THE CHALLENGES

ENCOUNTERED IN DAY-TO-DAY PRACTICE, INCLUDING IMAGE INTERPRETATION, IMAGE OPTIMIZATION TECHNIQUES, AND PITFALLS IN IMAGE ACQUISITION AND INTERPRETATION. OVER 4,400 ILLUSTRATIONS, 803 IN FULL COLOR, COMPRISE A COMPREHENSIVE VISUAL GUIDE TO INTERPRETATION. THIS NEW EDITION ALSO INCORPORATES THREE BRAND-NEW, FULL-COLOR ATLAS-PET AND PET/CT, SPECT AND SPECT/CT, AND A PET BRAIN ATLAS-AS WELL AS MANY NEW FULL-COLOR IMAGES (MORE THAN 800 IN ALL) COMPLETELY REVISED AND THOROUGHLY UPDATED THROUGHOUT, THE 3RD EDITION ENCOMPASSES ALL OF THE LATEST ADVANCES IN THE DIAGNOSTIC AND THERAPEUTIC MODALITIES AVAILABLE FOR CANCER, HEART DISEASE, NEUROLOGIC DISORDERS, AND TRAUMA AS WELL AS OTHER DISEASES, BOTH COMMON AND RARE.

TEXTBOOK OF STROKE MEDICINE - MICHAEL BRAININ 2009-11-19

PRACTICAL TEXTBOOK AIMED AT DOCTORS BEGINNING WORK ON A STROKE UNIT OR RESIDENTS EMBARKING ON TRAINING IN STROKE CARE.

COMPLICATIONS IN ENDOVASCULAR SURGERY - MACIEJ DRYJSKI 2020-12-17

AS DEVICES, TECHNOLOGIES, AND IMAGING TECHNIQUES CONTINUE TO EVOLVE, TODAY'S ENDOVASCULAR SURGICAL TECHNIQUES HAVE INCREASED IN BOTH NUMBER AND COMPLEXITY. COMPLICATIONS IN ENDOVASCULAR SURGERY PROVIDES A UNIQUE FOCUS ON POTENTIAL COMPLICATIONS ENCOUNTERED IN THE OPERATING ROOM, PREPARING YOU TO ANTICIPATE THE UNEXPECTED, IDENTIFY THE RISK FACTORS IN INDIVIDUAL PROCEDURES, AND TAKE STEPS TO SUCCESSFULLY MANAGE COMPLICATIONS WHEN THEY OCCUR. HELPS YOU MANAGE THE SURGICAL COMPLICATIONS ASSOCIATED WITH IMAGE-GUIDED INTERVENTIONAL TECHNIQUES USED WHEN TREATING PATIENTS WITH VASCULAR DISEASE, WITH CLEAR DESCRIPTIONS OF HOW TO PREVENT PROBLEMS AND HOW TO PREVENT CATASTROPHIC PROBLEMS ONCE A SIMPLE PROBLEM OCCURS. PROVIDES A PRACTICAL GUIDE TO DEVICE-SPECIFIC TIPS AND TRICKS FROM EXPERTS IN THE FIELD, MAKING THIS UNIQUE RESOURCE IDEAL FOR SURGEONS AT ALL LEVELS OF TRAINING AND PRACTICE. FEATURES HIGHLY ILLUSTRATED, CONSISTENT INSTRUCTIONS THAT EXPLAIN HOW TO AVOID AND MANAGE BOTH COMMON AND UNCOMMON COMPLICATIONS. COVERS EVAR, TEVAR, FEVAR, AND OTHER COMPLEX AORTIC WORK; AS WELL AS CAS, TCAR, COMPLEX LE ENDOVASCULAR PROCEDURES, AND VENOUS INTERVENTION-LYSIS/STENTING. INCLUDES TIP BOXES WITH KEY FACTS AND TECHNICAL RECOMMENDATIONS, WARNING BOXES THAT HIGHLIGHT SAFETY PRECAUTIONS, AND A TROUBLESHOOTING GUIDE FOR EACH PROCEDURE THAT HELPS YOU GET BACK ON TRACK IF THINGS DON'T GO EXACTLY AS PLANNED.

TRIGEMINAL NEURALGIAS: A NEUROSURGICAL ILLUSTRATED GUIDE - MARC SINDOU 2023-03-28

THIS BOOK IS FOCUSED ON TRIGEMINAL NEURALGIAS AND THEIR MANAGEMENT, A FIELD IN WHICH, DURING THE TWO PAST DECADES, THERE WERE NUMEROUS ADVANCES IN COMPREHENSION OF MECHANISMS OF THE DISEASE AND DIAGNOSIS WITH IMAGING, AS WELL AS IN MEDICAL THERAPIES AND IN SURGICAL TREATMENT. THE AUTHORS ARE WELL-KNOWN SPECIALISTS FOR THIS TREATMENT AND SUMMARIZE THEIR LONG EXPERIENCE IN THIS COMPREHENSIVE AND PRACTICAL BOOK. THEY ARE EXPERTS NOT ONLY ON THE SURGICAL TREATMENT OF TRIGEMINAL NEURALGIA WITH THE MICRO-VASCULAR DECOMPRESSION PROCEDURE BUT ALSO WITH THE LESIONING PROCEDURES. IN THIS PICTORIAL GUIDE, READERS CAN FIND THE PATHWAYS FOR DIAGNOSIS, AND PRACTICAL GUIDELINES TO HELP DECISION-MAKING AMONG THE MOST APPROPRIATE TREATMENTS, TAILORED ON TO EVERY PATIENT'S NEED. NEUROLOGISTS, NEUROSURGEONS, AND DENTISTS, BUT ALSO ENT SPECIALISTS, OPHTHALMOLOGISTS, AND MAXILLOFACIAL SPECIALISTS, WOULD FIND AN INVALUABLE SUPPORT IN THIS BOOK DEVOTED TO A RATHER FREQUENT PROBLEM TO DEAL WITH.

DECISION-MAKING IN ORTHOPEDIC AND REGIONAL ANESTHESIOLOGY - MICHAEL R. ANDERSON 2015-09-17

GUIDE FOR DECISION-MAKING IN ORTHOPEDIC AND REGIONAL ANESTHESIA. APPROACHES FOR BOTH COMMON AND COMPLEX CASE SCENARIOS ARE DISCUSSED.

NEUROVASCULAR NEUROPSYCHOLOGY - JOANNE FESTA 2009-06-12

NEUROVASCULAR DISEASES AND CONDITIONS, AND THEIR ASSOCIATED RISK FACTORS, REPRESENT A SIGNIFICANT CAUSE OF COGNITIVE DISABILITY IN THE UNITED STATES AND THROUGHOUT THE WORLD. IN THE USA ALONE THERE ARE 750,000 NEW STROKES EACH YEAR, REPRESENTING THE NUMBER ONE CAUSE OF DISABILITY IN THE COUNTRY. HYPERTENSION, FOUND IN APPROXIMATELY 50 MILLION AMERICANS, HAS BEEN SHOWN TO BE ASSOCIATED WITH ALTERATIONS OF COGNITIVE FUNCTION, EVEN IN THE ABSENCE OF STROKE AND DEMENTIA. RECENT STUDIES OF NEUROVASCULAR DISEASE HAVE NOW REVEALED THAT NEUROPSYCHOLOGICAL FUNCTION MAY BE A MORE SENSITIVE MEASURE OF BRAIN INTEGRITY THAN COORDINATION, MOTOR OR SENSORY FUNCTION AND CORRELATES WITH FUNCTIONAL OUTCOME MEASURES. NEUROVASCULAR NEUROPSYCHOLOGY FOCUSES ON FOCAL AND DIFFUSE NEUROVASCULAR DISEASE IN ADDITION TO SYSTEMIC CONDITIONS IN WHICH COGNITION AND BEHAVIOR HAVE BEEN UNIQUELY ASSOCIATED WITH DIFFERENT PATHOLOGIC STATES. WITH AN INCREASING NUMBER OF PATIENTS BEING TREATED BY HEALTHCARE PROFESSIONALS, NEUROVASCULAR NEUROPSYCHOLOGY WILL PROVE TO BE A STRONG REFERENCE TO CONSULT IN REGARDS TO NEUROPSYCHOLOGICAL SYNDROMES.

NEUROVASCULAR ANATOMY IN INTERVENTIONAL NEURORADIOLOGY: A CASE-BASED APPROACH - TIMO KRINGS 2015-05-13

THIS CASE-BASED BOOK PRESENTS DETAILED INFORMATION ON NEUROVASCULAR ANATOMY IN CONCISE, EASILY DIGESTIBLE CHAPTERS THAT FOCUS ON THE IMPORTANCE OF UNDERSTANDING ANATOMY WHEN PERFORMING NEUROINTERVENTIONAL PROCEDURES. THE CASE DISCUSSIONS INCLUDE MODERN EXAMPLES OF INVASIVE AND NON-INVASIVE ANGIOGRAPHIC TECHNIQUES THAT ARE RELEVANT FOR GENERAL RADIOLOGISTS AND DIAGNOSTIC NEURORADIOLOGISTS AS WELL AS INTERVENTIONALISTS. THIS BOOK GIVES READERS THE DETAILED KNOWLEDGE OF NEUROVASCULAR ANATOMY THAT ALLOWS THEM TO ANTICIPATE AND AVOID POTENTIAL COMPLICATIONS. ALL NEURORADIOLOGISTS, INTERVENTIONALISTS, GENERAL RADIOLOGISTS, AND DIAGNOSTIC NEURORADIOLOGISTS, AS WELL AS RESIDENTS AND FELLOWS IN THESE SPECIALTIES, WILL READ THIS BOOK COVER TO COVER AND FREQUENTLY CONSULT IT FOR A QUICK REVIEW BEFORE PERFORMING PROCEDURES.

NEUROVASCULAR SURGERY - JULIUS JULY 2018-09-27

THIS OPEN ACCESS BOOK PRESENTS THE DIAGNOSIS, INVESTIGATION AND TREATMENT OF NEUROVASCULAR DISEASES, AND OFFERS EXPERT OPINIONS AND ADVICE ON AVOIDING COMPLICATIONS IN NEUROVASCULAR SURGERY. IT ALSO COVERS COMPLICATION MANAGEMENT AND POST-OPERATIVE FOLLOW-UP CARE. THE BOOK IS DIVIDED INTO THREE PARTS; THE FIRST PART DISCUSSES COMMON APPROACHES IN NEUROVASCULAR SURGERY,

DESCRIBING THE STEPS, INDICATIONS FOR AND LIMITATIONS OF THE APPROACH, AS WELL AS THE ASSOCIATED COMPLICATIONS AND HOW TO AVOID THEM. THE SECOND PART ADDRESSES SURGICAL TREATMENT BASED ON PATHOLOGY, TAKING THE DIFFERENT LOCATIONS OF LESIONS INTO CONSIDERATION. THE THIRD PART FOCUSES ON THE TECHNOLOGICAL DEVELOPMENTS THAT SUPPORT NEUROVASCULAR SURGERY, WHICH MAY NOT BE AVAILABLE EVERYWHERE, BUT HAVE BEEN INCLUDED TO HELP VASCULAR SURGEON UNDERSTAND THE PRINCIPLES. THIS BOOK IS A GUIDE FOR YOUNG NEUROSURGEONS, NEUROSURGERY RESIDENTS AND NEUROSURGERY FELLOWS, AS WELL AS FOR MEDICAL STUDENTS AND NURSES WHO ARE INTERESTED IN NEUROSURGERY OR ARE ASSOCIATED WITH THIS FIELD IN ANY WAY. IT IS ALSO A USEFUL TEACHING AID FOR SENIOR NEUROSURGEONS.

VIDEO ATLAS OF NEUROENDOVASCULAR PROCEDURES - LEONARDO RANGEL-CASTILLA 2020-02-26

THE GO-TO GUIDE ON SAFELY PERFORMING STATE-OF-THE-ART NEUROENDOVASCULAR PROCEDURES FROM TOP EXPERTS! UNLIKE TRADITIONAL TEXTBOOKS THAT DETAIL NATURAL HISTORY, PHYSIOLOGY, AND MORPHOLOGY, VIDEO ATLAS OF NEUROENDOVASCULAR PROCEDURES PRESENTS BASIC AND COMPLEX NEUROENDOVASCULAR PROCEDURES AND CASES WITH CONCISE TEXT AND VIDEOS. RENOWNED NEUROENDOVASCULAR SURGEONS LEONARDO RANGEL-CASTILLA, ADNAN SIDDIQUI, ELAD LEVY, AND AN IMPRESSIVE GROUP OF CONTRIBUTORS HAVE COMPILED THE QUINTESSENTIAL NEUROENDOVASCULAR RESOURCE. ORGANIZED INTO EIGHT MAJOR SUBTOPIC SECTIONS, THIS SUPERB VIDEO ATLAS COVERS A FULL SPECTRUM OF ENDOVASCULAR APPROACHES TO DIAGNOSE AND TREAT INTRA- AND EXTRACRANIAL NEUROVASCULAR DISEASE. THE BOOK STARTS WITH A SECTION ON VASCULAR ACCESS AND CONCLUDES WITH ENDOVASCULAR COMPLICATIONS AND MANAGEMENT. FORTY CHAPTERS INCLUDES SUCCINCT SUMMARIES, SCIENTIFIC PROCEDURAL EVIDENCE, THE RATIONALE FOR ENDOVASCULAR INTERVENTION, ANATOMY, REQUIRED MEDICATIONS, DEVICE SELECTION, AVOIDING COMPLICATIONS, AND MANAGING POTENTIAL PROBLEMS THAT CAN ARISE DURING PROCEDURES. THE IMAGE-RICH CLINICAL CASES FEATURE INSIGHTFUL FIRSTHAND KNOWLEDGE AND PEARLS. KEY FEATURES MORE THAN 1,000 RELEVANT, HIGH QUALITY NEUROIMAGING FINDINGS AND ARTIST ILLUSTRATIONS ENHANCE UNDERSTANDING OF IMPACTED ANATOMY AND APPROACHES SPECIFIC TECHNIQUES AND KEY STEPS ARE BROUGHT TO LIFE THROUGH MORE THAN 140 OUTSTANDING VIDEOS NARRATED BY HIGHLY EXPERIENCED ENDOVASCULAR NEUROSURGEONS — CONVENIENTLY ACCESSIBLE VIA SMART PHONES OR TABLETS USING QR TECHNOLOGY ESSENTIAL DIAGNOSTIC PROCEDURES SUCH AS CEREBRAL AND SPINAL ANGIOGRAPHY, CEREBRAL VENOGRAM, AND BALLOON TEST OCCLUSION COMPLEX NEUROENDOVASCULAR PROCEDURES INCLUDING VARIOUS ANGIOPLASTY AND STENTING APPROACHES FOR EXTRACRANIAL VESSEL DISEASE, CAROTID AND VERTEBRAL ARTERIES, AND VENUS SINUS; THROMBECTOMY PROCEDURES TO TREAT ACUTE ISCHEMIC STROKE; AND COILING, FLOW DIVERSION, AND EMBOLIZATION TECHNIQUES FOR INTRACRANIAL ANEURYSMS, BRAIN/SPINAL AVMS AND FISTULAS, AND SELECT CNS AND EXTRACRANIAL TUMORS THE CONTENT-RICH REFERENCE IS A MUST-HAVE FOR ALL RESIDENT AND VETERAN NEUROSURGEONS, INTERVENTIONAL RADIOLOGISTS, AND NEUROLOGISTS. LEARN TO SAFELY PERFORM A WIDE ARRAY OF CUTTING-EDGE NEUROENDOVASCULAR PROCEDURES — FROM ACCESS TO CLOSURE — AND ACHIEVE IMPROVED OUTCOMES FOR YOUR PATIENTS.

BRAIN ARTERIOVENOUS MALFORMATIONS - VLADIMIR BENEŠ 2017-10-06

THIS BOOK REVIEWS THE NATURAL COURSE OF ARTERIOVENOUS MALFORMATION (AVM) DISEASE AND THE ACTIVE TREATMENT MODALITIES. THESE ARE COMPARED WITH SURGICAL AND NEUROPSYCHOLOGICAL RESULTS ACHIEVED AT THE MILITARY UNIVERSITY HOSPITAL, PRAGUE, CZECH REPUBLIC. BASED ON THESE COMPARISONS, TREATMENT RECOMMENDATION FOR AVM IS ARTICULATED. FURTHERMORE, THE LONG-TERM EFFICACY OF DIFFERENT TREATMENT IS DISCUSSED. THIS BOOK IS WRITTEN BY AN INTERNATIONAL GROUP OF EUROPEAN AUTHORS, AND IS AIMED AT NEUROVASCULAR SURGEONS AND NEUROSURGICAL RESIDENTS.

NEUROINTERVENTIONAL SURGERY - MIN S. PARK 2021-06-18

UNIQUE NEUROINTERVENTIONAL SURGERY RESOURCE ANALYZES LANDMARK LITERATURE TO INFORM OPTIMAL PATIENT MANAGEMENT THE FIELD OF NEUROINTERVENTIONAL SURGERY IS RAPIDLY EXPANDING WITH AN EVER-ACCELERATING PACE OF TECHNOLOGICAL INNOVATIONS. WHILE INDUSTRY PLAYS A SIGNIFICANT ROLE IN DESIGNING NEW TECHNOLOGY AND DEFINING INDICATIONS FOR ITS USE, PRACTITIONERS NEED TO EVALUATE AND DETERMINE THE MOST EFFICACIOUS TREATMENTS FOR THEIR PATIENTS. NEUROINTERVENTIONAL SURGERY: AN EVIDENCE-BASED APPROACH BY RENOWNED ENDOVASCULAR NEUROSURGEONS MIN PARK, M. YASHAR S. KALANI, AND MICHAEL F. STIEFEL EXAMINES THE MOST COMMON DISEASE STATES IN NEUROINTERVENTIONAL SURGERY THROUGH A CRITICAL LENS. THE UNIQUE TEXT LEVERAGES EVIDENCED-BASED DATA TO INFORM TREATMENT DECISIONS AND IMPROVE PATIENT OUTCOMES. THE TEXT IS ORGANIZED BY 5 SECTIONS AND 32 CHAPTERS, INCLUDING THE LATEST STATE-OF-THE-ART INTERVENTIONS. EACH OF THE CHAPTERS PROVIDES CRITICAL ANALYSIS OF THE "LANDMARK PAPERS" THAT ESTABLISHED THE FOUNDATION AND STANDARDS FOR MODERN NEUROINTERVENTIONAL PRACTICE. AN EXAMPLE IS THE RAPIDLY CHANGING UNDERSTANDING OF LARGE VESSEL OCCLUSIONS IN ISCHEMIC STROKE THAT NOW STRONGLY SUPPORTS MECHANICAL THROMBECTOMY AS A VIABLE AND IMPORTANT PART OF THE TREATMENT ARMAMENTARIUM. KEY HIGHLIGHTS CONTRIBUTIONS FROM INTERNATIONALLY RECOGNIZED LEADERS IN ACADEMIC NEUROINTERVENTIONAL SURGERY PROVIDE INSIGHTFUL AND ANALYTIC PERSPECTIVES ENCOMPASSES THE FULL CONTINUUM OF NEUROINTERVENTIONAL PROCEDURES IN ONE RESOURCE, FROM HEMORRHAGIC AND ISCHEMIC STROKE TO NEOPLASMS AND SPINE CONDITIONS THE READER-FRIENDLY STRUCTURE AND CHAPTER FORMATTING FACILITATES UNDERSTANDING OF OFTEN COMPLICATED DECISION-MAKING THE EVIDENCED-BASED, MULTIFACETED APPROACH TO NEUROINTERVENTIONAL SURGERY PRESENTED IN THIS TEXTBOOK MAKES IT VITAL READING FOR RESIDENTS, FELLOWS, AND PRACTITIONERS IN NEUROSURGERY, AS WELL AS FELLOWS IN INTERVENTIONAL NEURORADIOLOGY AND INTERVENTIONAL NEUROLOGY.

EVIDENCE-BASED NURSING CARE FOR STROKE AND NEUROVASCULAR CONDITIONS - SHEILA A. ALEXANDER 2013-01-29

WITH THE AGING POPULATION EVER GROWING, HEALTHCARE FOR PERSONS SUFFERING FROM STROKE AND RELATED ILLNESSES IS INCREASINGLY IMPORTANT. EVIDENCE-BASED NURSING CARE FOR STROKE AND NEUROVASCULAR CONDITIONS PROVIDES A COMPREHENSIVE AND PRACTICAL GUIDE FOR NOVICE, EXPERIENCED AND ADVANCED PRACTICE NURSES WORKING WITH PATIENTS SUFFERING FROM STROKE AND OTHER NEUROVASCULAR CONDITIONS. WITH A FOCUS SPECIFICALLY ON NEUROVASCULAR DISORDERS, THIS HIGHLY DETAILED TEXT OFFERS

EASY-TO-FIND INFORMATION ON EVIDENCE-BASED CARE GUIDELINES. THE BOOK BEGINS WITH A THOROUGH INTRODUCTION TO NORMAL CEREBROVASCULAR ANATOMY AND PHYSIOLOGY AND COMMON PATHOLOGIC MECHANISMS, DESCRIBING THE UNIQUE CHALLENGES IN WORKING WITH THIS PATIENT GROUP. LATER CHAPTERS PROVIDE THE PATHOPHYSIOLOGY, DIAGNOSTIC AND CURRENT NURSING INTERVENTIONS FOR THE CARE OF PATIENTS WITH NEUROVASCULAR DISORDERS INCLUDING TRANSIENT ISCHEMIC ATTACKS, ISCHEMIC STROKE, HEMORRHAGIC STROKE, MOYAMOYA, MIGRAINES AND MORE. EVIDENCE-BASED NURSING CARE FOR STROKE AND NEUROVASCULAR CONDITIONS IS A MUST-HAVE RESOURCE FOR PRACTITIONERS CARING FOR PATIENTS ENDURING STROKE AND OTHER NEUROVASCULAR CONDITIONS.

VASCULAR SURGERY - PIERGIORGIO SETTEMBRINI 2021-10-14

VASCULAR SURGERY: A CLINICAL GUIDE TO DECISION-MAKING IS A CONCISE BUT COMPREHENSIVE RESOURCE FOR OPERATING VASCULAR SURGEONS AND CLINICIANS. IT SERVES AS AN ESSENTIAL REFERENCE MANUAL, PARTICULARLY TO YOUNG VASCULAR SURGEONS, FOR CONSULTING THE BASIC SCIENTIFIC KNOWLEDGE OF PATHOGENESIS OF VARIOUS ILLNESSES, AS WELL AS HOW TO APPROACH THEM IN A CLINICAL SETTING. ADOPTING A TRANSLATIONAL APPROACH, THIS BOOK DISSECTS THE BACKGROUND OF VASCULAR PATHOLOGY AND LINKS IT TO APPLICATION IN SURGICAL TECHNIQUES, AS WELL AS PROVIDING PRACTICAL TIPS AND TRICKS FOR SURGICAL MANEUVERS. WITH INSIGHTS AND SUGGESTIONS FROM VARIOUS EXPERIENCED AND SKILLED VASCULAR SURGEONS, THIS BOOK COVERS A RANGE OF TOPICS INCLUDING THE ORIGIN OF DISEASES, CLINICAL PRESENTATION, AND THERAPEUTIC OPTIONS, FROM MEDICAL THERAPY TO SURGICAL OR ENDOVASCULAR APPROACH. EACH CHAPTER ALSO REVIEWS INTERNATIONAL CUTTING-EDGE RESEARCH IN THE VASCULAR FIELD AND ITS CLINICAL APPLICATION, ILLUMINATING FUTURE DEVELOPMENTS IN THE FIELD. WITH THE CONTRIBUTIONS OF FIRST-CLASS VASCULAR SURGEONS, THIS BOOK ALSO COVERS UNCOMMON AND ADVANCED CASE STUDIES WHILE EXPLORING THE PROS AND CONS OF EACH INTERVENTION OPTION, HELPING PRACTITIONERS MAKE INFORMED DECISIONS WHEN FACING DIFFICULT CASES. THIS UNIQUE REFERENCE ALSO HELPS YOUNG SURGEONS TO MAKE QUICK DECISIONS IN CHALLENGING CASES, SUCH AS HOW TO CHOOSE BETWEEN OPEN AND ENDO TREATMENT. PRESENTS INDICATIONS, TECHNIQUES AND RESULTS FOR VARIOUS VASCULAR SURGERY PROCEDURES COMPLETED WITH AN OVERVIEW ABOUT PROS AND CONS OF A TREATMENT, ALLOWING READERS TO MAKE A QUICK DECISION WHEN FACING PECULIAR CLINICAL CASES ADOPTS A TRANSLATIONAL APPROACH, DISSECTING THE BACKGROUND KNOWLEDGE OF VASCULAR PATHOLOGY AND LINKING IT TO APPLICATION IN SURGICAL TECHNIQUES, ALONG WITH A SUMMARY TIPS AND TRICKS REGARDING SURGICAL MANEUVERS A GLOBAL INVOLVEMENT FROM EXPERIENCED VASCULAR SURGEONS IN THE FIELD, COVERING SURGICAL TECHNIQUES AND IMPORTANT RESEARCH FROM AROUND THE WORLD, DEVISING THE FUTURE DEVELOPMENTS OF THE FIELD

THE STROKE BOOK - MICHEL T. TORBEY 2013-07-18

AN ESSENTIAL COMPANION FOR BUSY PROFESSIONALS SEEKING TO NAVIGATE STROKE-RELATED CLINICAL SITUATIONS SUCCESSFULLY AND MAKE QUICK INFORMED TREATMENT DECISIONS.

CONN'S TRANSLATIONAL NEUROSCIENCE - P. MICHAEL CONN 2016-09-28

CONN'S TRANSLATIONAL NEUROSCIENCE PROVIDES A COMPREHENSIVE OVERVIEW REFLECTING THE DEPTH AND BREADTH OF THE FIELD OF TRANSLATIONAL NEUROSCIENCE, WITH INPUT FROM A DISTINGUISHED PANEL OF BASIC AND CLINICAL INVESTIGATORS. PROGRESS HAS CONTINUED IN UNDERSTANDING THE BRAIN AT THE MOLECULAR, ANATOMICAL, AND PHYSIOLOGICAL LEVELS IN THE YEARS FOLLOWING THE 'DECADE OF THE BRAIN,' WITH THE RESULTS PROVIDING INSIGHT INTO THE UNDERLYING BASIS OF MANY NEUROLOGICAL DISEASE PROCESSES. THIS BOOK ALTERNATES SCIENTIFIC AND CLINICAL CHAPTERS THAT EXPLAIN THE BASIC SCIENCE UNDERLYING NEUROLOGICAL PROCESSES AND THEN RELATES THAT SCIENCE TO THE UNDERSTANDING OF NEUROLOGICAL DISORDERS AND THEIR TREATMENT. CHAPTERS COVER DISORDERS OF THE SPINAL CORD, NEURONAL MIGRATION, THE AUTONOMIC NERVOUS SYSTEM, THE LIMBIC SYSTEM, OCULAR MOTILITY, AND THE BASAL GANGLIA, AS WELL AS DEMYELINATING DISORDERS, STROKE, DEMENTIA AND ABNORMALITIES OF COGNITION, CONGENITAL CHROMOSOMAL AND GENETIC ABNORMALITIES, PARKINSON'S DISEASE, NERVE TRAUMA, PERIPHERAL NEUROPATHY, APHASIAS, SLEEP DISORDERS, AND MYASTHENIA GRAVIS. IN ADDITION TO CONCISE SUMMARIES OF THE MOST RECENT BIOCHEMICAL, PHYSIOLOGICAL, ANATOMICAL, AND BEHAVIORAL ADVANCES, THE CHAPTERS SUMMARIZE CURRENT FINDINGS ON NEURONAL GENE EXPRESSION AND PROTEIN SYNTHESIS AT THE MOLECULAR LEVEL. AUTHORITATIVE AND COMPREHENSIVE, CONN'S TRANSLATIONAL NEUROSCIENCE PROVIDES A FULLY UP-TO-DATE AND READILY ACCESSIBLE GUIDE TO BRAIN FUNCTIONS AT THE CELLULAR AND MOLECULAR LEVEL, AS WELL AS A CLEAR DEMONSTRATION OF THEIR EMERGING DIAGNOSTIC AND THERAPEUTIC IMPORTANCE. PROVIDES A FULLY UP-TO-DATE AND READILY ACCESSIBLE GUIDE TO BRAIN FUNCTIONS AT THE CELLULAR AND MOLECULAR LEVEL, WHILE ALSO CLEARLY DEMONSTRATING THEIR EMERGING DIAGNOSTIC AND THERAPEUTIC IMPORTANCE FEATURES CONTRIBUTIONS FROM LEADING GLOBAL BASIC AND CLINICAL INVESTIGATORS IN THE FIELD PROVIDES A GREAT RESOURCE FOR RESEARCHERS AND PRACTITIONERS INTERESTED IN THE BASIC SCIENCE UNDERLYING NEUROLOGICAL PROCESSES RELATES AND TRANSLATES THE CURRENT SCIENCE TO THE UNDERSTANDING OF NEUROLOGICAL DISORDERS AND THEIR TREATMENT

CEREBROVASCULAR NEUROSURGERY - PETER NAKAJI 2019

"I AM DELIGHTED TO INTRODUCE THIS VOLUME OF NEUROSURGERY BY EXAMPLE: KEY CASES AND FUNDAMENTAL PRINCIPLES. NEUROSURGICAL TRAINING AND PRACTICE ARE BASED ON MANAGING A WIDE RANGE OF COMPLEX CLINICAL CASES WITH EXPERT KNOWLEDGE, SOUND JUDGMENT, AND SKILLED TECHNICAL EXECUTION. OUR GOAL IN THIS SERIES IS TO PRESENT EXEMPLARY CASES IN THE MANNER THEY ARE ACTUALLY ENCOUNTERED IN THE NEUROSURGICAL CLINIC, HOSPITAL EMERGENCY DEPARTMENT, AND OPERATING ROOM. IN THIS VOLUME, DRs. PETER NAKAJI AND MICHAEL LEVITT INVITED A BROAD RANGE OF EXPERT CONTRIBUTORS TO SHARE THEIR EXTENSIVE WISDOM AND EXPERIENCE IN ALL MAJOR AREAS OF VASCULAR NEUROSURGERY. EACH CHAPTER CONTAINS A CLASSIC PRESENTATION OF AN IMPORTANT CLINICAL ENTITY, GUIDING READERS THROUGH THE ASSESSMENT AND PLANNING, DECISION MAKING, SURGICAL PROCEDURE, AFTER CARE, AND COMPLICATION MANAGEMENT. 'PIVOT POINTS' ILLUMINATE THE CHANGES REQUIRED TO MANAGE PATIENTS IN ALTERNATE OR ATYPICAL SITUATIONS. EACH CHAPTER ALSO PRESENTS LISTS OF PEARLS FOR THE ACCURATE DIAGNOSIS, SUCCESSFUL TREATMENT, AND EFFECTIVE COMPLICATION MANAGEMENT OF EACH CLINICAL PROBLEM. THESE THREE FOCUS AREAS WILL BE ESPECIALLY HELPFUL TO NEUROSURGEONS PREPARING TO SIT FOR THE AMERICAN BOARD OF NEUROLOGICAL SURGERY

ORAL EXAMINATION, WHICH BASES SCORING ON THESE THREE TOPICS. FINALLY, EACH CHAPTER CONTAINS FOCUSED REVIEWS OF MEDICAL EVIDENCE AND EXPECTED OUTCOMES, HELPFUL FOR COUNSELING PATIENTS AND SETTING ACCURATE EXPECTATIONS. RATHER THAN EXHAUSTIVE REFERENCE LISTS, CHAPTER AUTHORS PROVIDE FOCUSED LISTS OF HIGH PRIORITY ADDITIONAL READING RECOMMENDED TO DEEPEN UNDERSTANDING. THE RESULTING VOLUME

SHOULD PROVIDE YOU WITH A DYNAMIC TOUR THROUGH THE PRACTICE OF VASCULAR NEUROSURGERY, GUIDED BY SOME OF THE LEADING EXPERTS IN NORTH AMERICA"--
CEREBRAL SMALL VESSEL DISEASE - LEONARDO PANTONI 2014-05
UP-TO-DATE DISCUSSION OF THE ETIOLOGY, DIAGNOSIS, TREATMENT, AND PREVENTION OF THIS COMMON CAUSE OF STROKE AND COGNITIVE IMPAIRMENT.