

Montreal Cognitive Assessment Moca Test Scoring

Ensure you thoroughly understand the intricate details of providing effective care for adults as they age. Ebersole & Hess' *Toward Healthy Aging*, 10th Edition is the only comprehensive gerontological nursing text that effectively communicates how to provide holistic care, promote healthy lives, and address end-of-life issues and concerns. Grounded in the core competencies recommended by the AACN in collaboration with the Hartford Institute for Geriatric Nursing, the tenth edition has been extensively revised and updated with shorter, more streamlined chapters and pedagogical features to facilitate learning. It covers the areas of safety and ethical considerations, genetics, communication with the patient and caregiver, promoting health in persons with conditions commonly occurring in later-life world-wide addressing loss and palliative care and much more. Special sections provide an honest look at the universal experience of aging and the nurse's role in the reduction of health disparities and inequities as a member of the global community. Plus, it contains a variety of new learning features that focus on applying research and thinking critically in when providing care to aging adults across the care continuum.

This textbook presents real-world cases and discussions that introduce the various mental health syndromes found in the aging population before delving into the core concepts covered by geriatric psychiatry curricula. The text follows each case study with the vital information necessary for physicians in training, including key features of each disorder and its presentation, practical guidelines for diagnosis and treatment, clinical pearls, and other devices that are essential to students of geriatric psychiatry. With the latest DSM-5 guidelines and with rich learning tools that include key points, review questions, tables, and illustrations, this text is the only resource that is specifically designed to train both American and Canadian candidates for specialty and subspecialty certification or recertification in geriatric psychiatry. It will also appeal to audiences worldwide as a state-of-the-art resource for credentialing and/or practice guidance. The text meets the needs of the future head on with its straightforward coverage of the most frequently encountered challenges, including neuropsychiatric syndromes, psychopharmacology, eldercare and the law, substance misuse, mental health following a physical condition, medical psychiatry, and palliative care. Written by experts in the field, *Geriatric Psychiatry: A Case-Based Textbook* is the ultimate resource for graduate and undergraduate medical students and certificate candidates providing mental health care for aging adults, including psychiatrists, psychologists, geriatricians, primary care and family practice doctors, neurologists, social workers, nurses, and others.

This contributed book focuses on the nursing care and considerations for the most common type of malignant brain tumours – gliomas, out of the 150 different types of brain tumours . The reader will gain specialist knowledge in understanding the disease trajectory of malignant gliomas and gain a deeper understanding of the presenting symptoms and varying treatment options of this highly malignant tumour. High grade malignant gliomas impact significantly on prognosis, with an average life expectancy of 18-24 months from diagnosis, given maximum treatment options including surgery, chemotherapy and radiotherapy. This book takes you through all current treatment options with their associated risks and intended benefits. Brain tumours affect not just the patient, but their family and carers too and this important aspect of holistic nursing care is not to be overlooked. This book encompasses first hand experiences of both a brain tumour patient living with a glioma and aspects from a carer. The structure of this book follows a typical patient pathway from presenting signs / symptoms through to MDT (multidisciplinary team) discussions to surgical techniques and radiological investigations, right through to chemotherapy, radiotherapy and palliative care including end of life care. It provides a distinct overview of the holistic needs spectrum encompassing the entire patient journey and equips the reader with learning objectives set at every chapter. Although this book is primarily aimed at Nurses working at ward level within neuro-oncology, this book is also intended to benefit professionals new to the field of specialist nursing – in particular those working with adult brain tumours and neuro-oncology.

This book collects and synthesizes the latest thinking on the condition in its variety of cognitive and behavioral presentations, matched by a variety of clinical responses. Acknowledging the continuum of injury and the multi-stage nature of recovery, expert contributors review salient research data and offer clinical guidelines for the neuropsychologist working with TBI patients, detailing key areas of impairment, brief and comprehensive assessment methods and proven rehabilitation strategies. Taken together, these chapters provide a framework for best serving a wide range of TBI patients (including children, elders, and patients in multidisciplinary settings) and model treatment that is evidence-based and relevant. A sample of the topics featured in the *Handbook: Bedside evaluations in TBI. Outcome assessment in TBI. Collaborating with family caregivers in the rehabilitation of persons with TBI. Behavioral assessment of acute neurobehavioral syndromes to inform treatment. Pediatric TBI: assessment, outcomes, intervention. Special issues with mild TBI in veterans and active duty service members.* Expanding professional knowledge on a topic that continues to grow in importance, the *Handbook on the Neuropsychology of Traumatic Brain Injury* is a premier resource, not only for neuropsychologists but also for other professionals in cognitive care, and trainees entering the field.

Now presented in full color, this updated edition of *Memory Loss, Alzheimer's Disease, and Dementia* is designed as a practical guide for clinicians that delivers the latest treatment approaches and research findings for dementia and related illnesses. Drs. Budson and Solomon — both key leaders in the field — cover the essentials of physical and cognitive examinations and laboratory and imaging studies, giving you the tools you need to consistently make accurate diagnoses in this rapidly growing area. Access in-depth coverage of clinically useful diagnostic tests and the latest treatment approaches. Detailed case studies facilitate the management of both common and uncommon conditions.

Comprehensive coverage of hot topics such as chronic traumatic encephalopathy, in addition to new criteria on vascular dementia and vascular cognitive impairment. Includes new National Institute on Aging–Alzheimer's Association and DSM-5 criteria for Alzheimer's Disease and Mild Cognitive Impairment. Learn how to use new diagnostic tests, such as the amyloid imaging scans florbetapir (Amyvid), flutemetamol (Vizamyl), and florbetaben (Neuraceq), which can display amyloid plaques in the living brains of patients. Updated case studies, many complete with videos illustrating common tests, clinical signs, and diagnostic features, are now incorporated into the main text as clinical vignettes for all major disorders. Brand-new chapters on how to approach the differential diagnosis and on primary progressive aphasia. Medicine eBook is accessible on a variety of devices.

This book provides an overall introduction to the medical management of dementia with chapters dedicated to specific topics such as pain, epilepsy, vascular risk factors in dementia and review of medication, which are often not addressed in books on the subject, and thereby filling a gap in the field. Chapters are supplemented with cases to highlight key concepts and treatment approaches, and to provide the reader with the possibility to reflect on management options and the readers own current practice. This book is aimed at clinicians of different specialties (mainly neurology, psychiatry, geriatric medicine and general practice/family medicine) who manage patients with dementia on a regular basis, and thus provides useful guidance to be used in the clinic.

This book investigates whether Croatian aphasics, in particular those diagnosed with Broca's aphasia, have difficulty comprehending wh-dependencies. The tested structures include subject and object direct, embedded, long-distance and passivized who and which questions as well as relative clauses introduced by which. It is shown that differences in the deficit patterns between English- and Croatian-speaking Broca's aphasics are due to structural as well as processing differences. The Croatian data are explained in terms of a case-cueing comprehension strategy and the competition model.

This subject, written for psychiatrists, is of importance and relevance to psychiatrists dealing with aspects of the practice that cross with legal professionals and with school and corporate professionals. This subject of Forensic Psychiatry presents topics on: Psychopharmacologic treatment of aggression; Assessment of blackouts and claimed amnesia; Forensic assessment of bullying; Testamentary capacity and guardianship assessments; Psychological testing and the assessment of malingering; Child murder by parents; Mass murderers: who are they and how might we stop them?; Child pornography and the Internet; Do's and don'ts of depositions; Juvenile offenders: Updates on competency and culpability; The role of the forensic psychiatrist in the immigration process; and Psychiatric Management of the Problematic Employee. The topics are presented to include coverage of Nature and Definition of the Problem, Physical Examination, Evaluation, Competency Evaluation, Clinical Assessment Strategies, Psychiatric Testing Strategies, Reaching an Opinion, with Key Points of every topic.

Start your physical therapy career path on the right foot with Introduction to Physical Therapy, 6th Edition. This comprehensive text offers an insightful and thorough overview of both the profession and the practice of physical therapy, including the latest topics and trends surrounding the industry. The first section walks through the key aspects of a career in physical therapy—including the roles of the physical therapist and physical therapist assistant, practice settings, the APTA, laws, policies, and regulations. The second section then goes on to cover the practice of physical therapy—detailing the functions, disorders, and therapies of the major organ systems. This sixth edition also features a new chapter on prevention, health promotion, and wellness in physical therapy practice; as well as updated content, references, and coverage of new trends in health care. Paired with an abundance of learning aides like learning objectives, chapter outlines, review questions, and more; this highly visual text offers the complete foundation needed to successfully grow professional knowledge and skills. Overview of the profession combined with clinical information gives readers a solid foundation in the practice of physical therapy. Chapter on reimbursement covers the fiscal aspects of health care and how reimbursement affects the profession. Chapter on communication and cultural competence describes how cultural differences influence patient interaction and helps the PTA and PT understand behavior due to cultural differences. Numerous learning aides include chapter outlines, key terms, learning objectives, questions to ask, boxes, tables, summaries and up to date references, suggested readings and review questions. NEW! New chapter on prevention, health promotion, and wellness in physical therapist practice reflects the growing importance in the physical therapy profession. NEW! Revised content and updated references throughout the text ensures content is the most current and applicable for today's PT and PTA professionals. NEW! The latest information on current trends in health care and the profession of physical therapy keeps readers current on the latest issues.

Part of the Pittsburgh Pocket Psychiatry series, this volume comprehensively and definitively addresses geriatric psychiatry, focusing on depression, dementia, anxiety as well as managing the caregivers. Additional chapters cover psychotherapy, legal issues, alcohol and drug use, and chronic pain management. Designed to be a highly practical, clinical guide for practitioners, each chapter is clearly written by one or more faculty members from Western Psychiatric Institute and Clinic, many of whom are recognized experts in their field. Self-assessment questions help the student learn the material.

The 3rd World Congress on Genetics, Geriatrics, and Neurodegenerative Disease Research (GeNeDis 2018), focuses on recent advances in genetics, geriatrics, and neurodegeneration, ranging from basic science to clinical and pharmaceutical developments. It also provides an international forum for the latest scientific discoveries, medical practices, and care initiatives. Advanced information technologies are discussed, including the basic research, implementation of medico-social policies, and the European and global issues in the funding of long-term care for elderly people.

Mount Sinai Expert Guides: Neurology provides trainees in neurology with an extremely clinical and accessible handbook covering the major neurologic disorders and symptoms, their diagnosis and clinical management. Perfect as a point-of-care resource on the hospital wards and also as a refresher for board exam preparation, the focus throughout is on providing rapid reference, essential information on each disorder to allow for quick, easy browsing and assimilation of the must-know information. All chapters follow a consistent template including the following features: An opening bottom-line/key points section Classification, pathogenesis and prevention of disorder Evidence-based diagnosis, including relevant algorithms, laboratory and imaging tests, and potential pitfalls when diagnosing a patient Disease management including commonly used medications with dosages, management algorithms and how to prevent complications How to manage special populations, ie, in pregnancy, children and the elderly The very latest evidence-based results, major society guidelines and key external sources to consult In addition, the book comes with a companion website housing extra features such as case studies with related questions for self-assessment, key patient advice and ICD codes. Each guide also has its own mobile app available for purchase, allowing you rapid access to the key features wherever you may be. If

you're specialising in neurology and require concise, practical and clinical guidance from one of the world's leading institutions in this field, then this is the perfect book for you.

Hypertension: from basic research to clinical practice" contains a unique collection of selected chapters written by experts and enthusiasts engaged in research and treatment of hypertension, a condition that affects around a billion people in the world. The chapters describe fundamental researches at cellular and molecular levels to the science, and art of treatment of the condition in clinical practice. The topics included ranges from pathophysiology of hypertension, through monitoring of hypertension, to the treatment of hypertension in different patient categories. It contains essential background information as well as cutting edge research, and state of the art treatment alternatives in this broad field. From the beginners, and research students to the expert clinicians, and established scientists, everybody has something to learn from this book.

Für alle Nicht-Geriater, die sich mit dem Thema Altersmedizin vertraut machen möchten, ohne zu tief einzusteigen, hält ELSEVIER ESSENTIALS Geriatrie genau das richtige Wissen bereit. Kurze Kapitel, Tabellen, Algorithmen, Kästen z.B. zur Evidenz, Merkekästen u.v.m. machen es dem Leser leicht, die Inhalte zu bewältigen und Zusammenhänge schnell zu erfassen. Geriatriische Patienten stellen für alle in der hausärztlichen Versorgung tätigen Ärzte eine große Herausforderung dar. Häufig treten mehrere Erkrankungen gleichzeitig auf, was die Diagnostik und Therapie erschwert. Bei der Betreuung dieser Patienten geht es oft um eine komplexe Langzeitversorgung, deren Ziel vor allem der Erhalt der Selbstständigkeit und der Lebensqualität ist.

This issue of Medical Clinics of North America, edited by Drs. Jeffrey Wallace and Susan Merel, is devoted to Gerontology. Articles in this issue include: Preventative care in geriatrics; Geriatric syndromes and assessment in the outpatient setting; Assessment and management of fall risk; Drug interactions and side effects; Evaluation and management of elderly patients presenting with cognitive complaints; Pain management in the elderly; Diabetes management in the elderly; Hypertension in the elderly; End-of-life care; Urinary incontinence; Nutrition in the elderly; Anti-thrombotic management in the elderly; and Sleep problems in the elderly.

The Clinical Manual of Psychosomatic Medicine, both educates psychiatrists and mental health professionals practicing in hospital settings about the relationship between physiological processes and psychological and behavioral factors and arms them with the evidence they need to inform hospital administrators about the value of the services they render. Specifically, this new edition: Expands the first edition's content to encompass more than two dozen topics most commonly encountered by residents and staff psychiatrists. Provides concise information on psychiatric conditions -- such as delirium, depression, and dementia -- that can interfere with medical care if not addressed. Offers a revised format of bulleted lists that maximizes accessibility of critical information so that clinicians can readily locate the required material. Emphasizes the core competencies adopted for the subspecialty of psychosomatic medicine (recognized by the American Board of Medical Specialties since 2003) to provide a benchmark for skill development across training programs and academic departments. Reflects the way care is most often delivered -- by a multidisciplinary team providing evidence-based, individualized treatment focused on either the clinical condition (e.g., obesity) or the treatment setting (e.g., primary care). This emphasis on integrated care contextualizes the information presented in a useful, real-world manner. Authoritative, practical, and user-friendly, the Clinical Manual of Psychosomatic Medicine is an outstanding resource that equips the clinician with current, concise, relevant data and counsel to guide decision making and optimize care of medical and surgical patients with psychiatric comorbidities.

Validation of the Individual MoCA Test Items as Indicators of Domain-specific Cognitive Impairment in Geriatric Population

There are approximately 5.7 million Americans currently living with Alzheimer's Disease (AD). Early detection of cognitive impairment allows for earlier treatment, potentially slowing or halting cognitive decline. A 30-min web-camera eye tracking assessment (30-min VPC) has been validated as a tool to predict AD risk. However, a shorter version would allow for greater scalability and improve user experience. The purpose of this study was to: 1) determine the validity of the 5-minute web-camera based VPC test with the 30-min test, 2) determine the test-retest reliability of the 5-min test, 3) compare the 5-minute test scores of cognitively intact adults (18-39 years of age) to the scores of cognitively intact older adults (>65 years of age), 4) examine the relationship between the 5-min web camera based VPC test and additional cognitive tests. This prospective study included two groups, both with normal cognitive function: 24 young adults (26.5 + 7.4 years) and 20 older adults (79.3 + 6.4). Participants were tested on two separate occasions. Trial 1 included the Montreal Cognitive Assessment (MoCA), Digit Symbol Coding, NIH Toolbox Assessment, 30-min VPC, and 5-min VPC. Trial 2 occurred at least 14 days later and participants completed the 5-min VPC, Digit Symbol Coding, NIH Toolbox, and dual-task walking assessments. The 5-min VPC significantly correlated to the 30-min VPC during the first ($p = .003$) and second ($p = .001$) trial, and showed significant test re-test reliability (p

There are various reasons why persons holding a driver's license no longer retain the ability to drive a car. This might be e.g. stroke, traumatic brain damage, or early dementia. In order to assess the driving ability in persons with suspected cognitive impairment, there is a need for good tests that can categorize persons into three groups: (1) inability to drive a car, (2) sufficient ability to drive a car, (3) should be referred to a more comprehensive assessment of cognitive ability. In this report, we have provided an overview of existing cognitive screening tests for assessing functions of relevance for ability to drive a car, and how good the tests are for predicting who will pass an on-road driving test or who will experience a car accident during the first years after the screening test. Our key messages are:1. We have not found any cognitive screening tests that have good documentation of diagnostic test accuracy for predicting results on on-road driving tests. Tests that could detect at least 65 percent of dangerous drivers in all studies were the Montreal Cognitive Assessment (MoCa, detected 70-85%), the Clock Drawing Test (detected 65-71%) and the Trail-Making Test-B (detected 70-77%). We have in most cases little or very little confidence in the results2. There was large variation in how good the tests were for predicting results on an on-road test3. There is a need for standardization of the outcome measures and the test batteries in research about screening tests for driving ability4. We can therefore not conclude about which tests are best for detecting persons with a reduced ability to drive among persons with a suspected cognitive impairment.

This book constitutes the refereed proceedings of the Workshops held at the 8th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2012, in Halkidiki, Greece, in September 2012. The book includes a total of 66 interesting and innovative research papers from the following 8 workshops: the Second Artificial Intelligence Applications in Biomedicine Workshop (AIAB 2012), the First AI in Education Workshop: Innovations and Applications (AleIA 2012), the Second International Workshop on Computational Intelligence in Software Engineering (CISE 2012), the First Conformal Prediction and Its Applications Workshop (COPA 2012), the First Intelligent Innovative Ways for Video-to-Video Communication in Modern Smart Cities Workshop (IIVC 2012), the Third Intelligent Systems for Quality of Life Information Services Workshop (ISQL 2012), the First Mining Humanistic Data Workshop (MHDW 2012), and the First Workshop on Algorithms for Data and Text Mining in Bioinformatics (WADTMB 2012).

New second edition of this pocket book containing concise and practical pharmaceutical information for busy clinical pharmacists.

The biological basis of physiological signals is incredibly complex. While many types of research certainly appreciate molecular, cellular and systems approach to unravel overall biological complexity, in the recent decades the interest for mathematical and computational characterization of structural and functional basis underlying biological phenomena gain wide popularity among scientists. Nowadays, we witnessed wide range applications of nonlinear quantitative analysis that produced measures such as fractal dimension, power-law scaling, Hurst exponent, Lyapunov exponent, approximate entropy, sample entropy, Lempel–Ziv complexity, as well as other metrics for predictions of onset and progression of many pathological conditions, especially in the central nervous systems (CNS). In this Research Topic, we seek to bring together the recent practical and theoretical advances in the development and application of nonlinear methods or narrower fractal-based methods for characterizing the complex physiological systems at multiple levels of the organization. We will discuss the use of various complexity measures and appropriate parameters for characterizing the variety of physiological signals up to the systems level. There are multiple aims in this topic. The recent advancement in the application of nonlinear methods for both normal and pathological physiological conditions is the first. The second aim is to emphasize the more recent successful attempt to apply these methods across animal species. Finally, a comprehensive understanding of advantages and disadvantages of each method, especially between its mathematical assumptions and real-world applicability, can help to find out what is at stake regarding the above aims and to direct us toward the more fruitful application of nonlinear measures and statistics in physiology and biology in general. This book draws on the author's experience in conducting pragmatic test accuracy studies on screening instruments for dementia/mild cognitive impairment. To facilitate comprehension and assimilation, all data is presented in an easily accessible, succinct and user-friendly way by means of a structured tabular format that allows tests to be easily compared. The pragmatic design of studies ensures high external validity and generalizability for the test results. The book includes a wealth of data on previously presented studies, as well as hitherto unreported test measures ("Number needed" metrics). It presents recently described and new diagnostic metrics (Likelihood to be diagnosed or misdiagnosed; Summary utility index; Number needed for screening utility); data from new studies on screeners (Attended with sign; Free-Cog; Two question depression screener; Jenkins Sleep Questionnaire; Triple test); and previously unpublished data (combination of SMC Likert and MACE; IADL Scale and MMSE). Given its scope, the book will be of interest to all professionals, beginners and seasoned experts alike, whose work involves the assessment of individuals with cognitive (memory) complaints.

Aging affects neurological function leading to neurological disease As society grows older, so do the neurological problems associated with aging. These can be new neurological deficits due to the aging process itself, or the effect of aging on already existing neurological conditions. Neurologists will spend increasing amounts of time managing patients with age-related neurological complications. Geriatric Neurology brings together the wisdom of world-leading experts. They have crafted a new textbook to define this emerging subspecialty from basic science through clinical assessment and medical management to social aspects of patient care. Geriatric Neurology covers: The aging brain in neurology Assessment of the geriatric neurology patient Neurological conditions in the elderly Therapeutics for the geriatric neurology patient Management issues beyond therapeutics Comprehensive in scope but with practical focus for effective patient care, Geriatric Neurology provides top-of-class guidance for the management of elderly patients with neurological disorders.

Gain the nursing skills you need to provide wellness-based care for older adults! Ebersole and Hess' Gerontological Nursing & Healthy Aging, 6th Edition uses a holistic approach to describe compassionate care along a continuum of wellness. Designed to promote healthy aging regardless of the patient's situation or disorder, this text provides best-practice guidelines in covering physical, psychosocial, spiritual, and cognitive health. New to this edition are Next Generation NCLEX®-style case studies, updates on measuring clinical judgment, expanded coverage of core competencies, and more. Written by gerontological nursing experts Theris Touhy and Kathleen Jett, this concise text provides a solid foundation in every aspect of healthy aging. Focus on health and wellness provides the evidence-based information and strategies needed to promote healthy aging. Key concepts, learning activities, and discussion questions in every chapter emphasize the information needed to enhance care. Recommended competencies from the AACN and the Hartford Institute for Geriatric Nursing are integrated throughout. Discussion of disease processes is placed in the context of healthy adaptation, nursing support, and responsibilities. Easy-to-use information on nursing techniques and communication appears with the associated disorders, symptoms, and situations. Tips for Best Practice and Resources for Best Practice boxes provide insight into proven methods of nursing care. Discussions of nursing and interprofessional actions help students learn to enhance wellness, maintain optimal function, and prevent unnecessary disability. Coverage of age, cultural, racial, and gender differences highlights these important considerations in caring for older adults. NEW! Updates reflect the NCSBN Clinical Judgment Model. NEW! Next Generation NCLEX® (NGN)-style case studies provide optimal preparation for the Next Generation NCLEX Examination. NEW! Specialized information addresses the unique needs of older adults such as atypical disease presentation, geriatric syndromes, neurocognitive disorders, quality of life with chronic illness, legal and ethical issues, and mental health challenges such as depression and substance abuse. NEW! Coverage of competencies of expanding nursing roles in the care of older adults addresses the continuum of care. NEW! Gerontological expertise is incorporated into nursing actions and complements other nursing texts (including med-surg, community health, mental health, and assessment books) used in programs without a freestanding gerontological nursing course. NEW! Expanded content includes information on COPD guidelines, medication use and misuse, Alzheimer's Disease, wound care guidelines, diagnosis and treatment of sleep-disordered breathing, joint replacement, caregiver strain, hospice and transitional care, and more.

The Anatomy of Research for Nurses covers everything from formulating a hypothesis to the legal and ethical issues involved in performing and funding a research study. Providing a user-friendly approach to research, authors Christine Hedges and Barbara Williams brings together a team who bridges the gaps between academic learning and research in a clinical setting using learning elements such as question and answer sections, sample protocols and frameworks, data collection and measurement examples, and so much more.

There are various malignant tumors in the head and neck area, including oral cavity, pharynx, sinonasal cavity, and salivary glands. Squamous cell carcinoma is the most common cancer among head and neck cancers. In salivary glands, there are many types of malignancies that can develop, such as malignant lymphoma, adenoid cystic carcinoma, adenocarcinoma, and mesenchymal tumors. In a clinical setting, imaging, such as computed tomography (CT) and magnetic resonance imaging (MRI), is very important in terms of the prediction of the histological type and the evaluation of the extent of invasion of adjacent structures. In basic research, there are few animal models in head and neck malignancies. In this Special Issue, we broadly discuss the basic and clinical research in head and neck malignancies.

This open access book constitutes the refereed proceedings of the 17th International Conference on String Processing and Information Retrieval, ICOST 2019, held in New York City, NY, USA, in October 2019. The 15 full papers and 5 short papers presented in this volume were carefully reviewed and selected from 24 submissions. They cover topics such as: e-health technology design; well-being technology; biomedical and health informatics; and smart environment technology.

Issues in Family and Geriatric Psychology / 2013 Edition is a ScholarlyEditions™ book that delivers timely, authoritative, and comprehensive information about Family Psychology. The editors have built Issues in Family and Geriatric Psychology: 2013 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Family Psychology in this book to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Family and Geriatric Psychology: 2013 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Background and Aims Non-disabling cerebrovascular events, which include mild ischaemic stroke and transient ischaemic attack (TIA), generally result in either short-lasting or mild neurological symptoms, but these patients are at an increased risk of a recurrent cerebrovascular event. The patients therefore receive considerable medical attention and treatment for physical symptoms and risk factors. However, their cognitive function is often neglected. We aimed to establish the cut-off point of the Montreal Cognitive Assessment (MoCA) in screening for mild cognitive impairment (MCI) within 90 days of TIA. **Method** A total of 50 patients were recruited. They received the MoCA test. MCI was defined clinically by a formal neuropsychological test battery (NEURONORMA). **Results** The average age of recruited patients was 57.7±18.0 years, with the majority of patients being men (70.0%) and all patients with greater equal or than primary school level of education. Thirty-eight (76.0%) subjects were classified into MCI group; 11 (22.0%) amnesic and 27 (54.0%) non-amnesic MCI. The optimal cut-off point for MoCA in discriminating patients with MCI from those with no cognitive impairment was 26 (sensitivity 82.7%, specificity 72.9%, positive predictive value 76.8%, negative predictive value 79.5%) and the Receiver operating characteristic curve analysis (AUC) 0.851 (95%CI 0.723-0.936). **Conclusion** More than half of the sample had cognitive impairment as determined by the formal battery of neuropsychological tests. A MoCA cut-off score of 26 is optimally sensitive and specific for detecting MCI after mild stroke or TIA in the subacute stroke phase. Therefore, it should be implemented in routine clinical practice.

Stroke is the most common neurologic disease and the leading cause of adult disability in Western countries. The initial diagnosis of stroke is clinical and needs to be done as rapidly as possible to guarantee optimal medical and interventional therapy. The emergency stroke management depends heavily upon stroke scores to quantify the damage and to speed up the diagnosis process. Unfortunately, several important stroke syndromes are not taken into consideration in these currently used stroke scores and therefore tend to be overlooked and not treated. Compiled by leading international experts, this book provides an excellent overview on current stroke syndromes, including particularly problematic clinical pictures. Thus, together with stroke scores, the publication will lead to more thorough assessments in emergency settings. This book is indispensable for neurologists, neurosurgeons, neuroradiologists and physicians involved in the care of stroke patients.

Offering a comprehensive look at physical therapy science and practice, Guccione's Geriatric Physical Therapy, 4th Edition is a perfect resource for both students and practitioners alike. Year after year, this text is recommended as the primary preparatory resource for the Geriatric Physical Therapy Specialization exam. And this new fourth edition only gets better. Content is thoroughly revised to keep you up to date on the latest geriatric physical therapy protocols and conditions. Five new chapters are added to this edition to help you learn how to better manage common orthopedic, cardiopulmonary, and neurologic conditions; become familiar with functional outcomes and assessments; and better understand the psychosocial aspects of aging. In all, you can rely on Guccione's Geriatric Physical Therapy to help you effectively care for today's aging patient population. Comprehensive coverage of geriatric physical therapy prepares students and clinicians to provide thoughtful, evidence-based care for aging patients. Combination of foundational knowledge and clinically relevant information provides a meaningful background in how to effectively manage geriatric disorders Updated information reflects the most recent and relevant information on the Geriatric Clinical Specialty Exam. Standard APTA terminology prepares students for terms they will hear in practice. Expert authorship ensures all information is authoritative, current, and clinically accurate. NEW! Thoroughly revised and updated content across all chapters keeps students up to date with the latest geriatric physical therapy protocols and conditions. NEW! References located at the end of each chapter point students toward credible external sources for further information. NEW! Treatment chapters guide students in managing common conditions in orthopedics, cardiopulmonary, and neurology. NEW! Chapter on functional outcomes and assessment lists relevant scores for the most frequently used tests. NEW! Chapter on psychosocial aspects of aging provides a well-rounded view of the social and mental conditions commonly affecting geriatric patients. NEW! Chapter on frailty covers a wide variety of interventions to optimize treatment. NEW! Enhanced eBook version is included

with print purchase, allowing students to access all of the text, figures, and references from the book on a variety of devices.

The Canadian population suffering from dementia has been estimated at 8% and the cost associated with it is remarkably high. Simple, validated cognitive screening tools, such as the Montreal Cognitive Assessment (MoCA) and Mini-Mental State Examination (MMSE) are used in clinics to evaluate cognitive impairment with a total score. Just as test scores can identify patients with global cognitive impairment, we hypothesized that individual test item scores can identify cognitive impairment in different domains. In the present study, individual MoCA items were tested for their validity and clinical utility for prediction of domain-specific cognitive impairment. A total sample size of 185 patients who were tested on both the MoCA and neuropsychological tests were extracted from data collected at two geriatric outpatient clinics. Domains assessed by the neuropsychological tests were identified using a Principal Component Analysis. Validity of the individual MoCA items...

This is a practical manual for clinicians who take care of patients with concussions. The long-term effects of concussions are an increasingly recognized problem in the medical community and by the general public. Most people recover well from concussions, but a substantial minority does not. However, most clinicians do not have specific training in how to evaluate and treat concussion patients who do not make a rapid and complete recovery. This manual, based on the experience of the director of the concussion clinic at Washington University in St Louis, provides specific step-by-step guidance for managing a variety of problems related to complex concussions: making an accurate diagnosis, general treatment strategies, headaches, sleep disruption, attention deficit, mood instability, anxiety and depression, post-traumatic stress, personality change, balance problems, dizziness, fatigue etc. Furthermore, there are specific sections on return to work, return to driving, return to school and return to contact sports. Finally, the manual includes information on special topics, such as concussion in adolescents, children, contact sport athletes, military personnel, and patients involved in medico-legal matters. The manual is written for clinicians with a broad range of backgrounds: primary care physicians, nurse practitioners, physician's assistants, athletic trainers, emergency medicine doctors, neurologists, neurosurgeons, psychiatrists, and rehabilitation medicine physicians should all be able to use the manual effectively. There is information on how to set up a specialty concussion clinic, and an extensive list of internet-based resources related to concussion. A list of other publications is provided to point to additional detailed information beyond what a pocket-sized 'on-the-fly' manual can provide.

Get a clear, logical, and holistic approach to physical examination and health assessment across the lifespan! Using easy-to-follow language, detailed illustrations, summary checklists, and new learning resources Physical Examination and Health Assessment, 3rd Canadian Edition is the gold-standard in physical examination textbooks. This new edition reflects the latest in what is happening in nursing today with coverage of emerging trends, examples of how to document patient assessments using the Electronic Health Record, and new evidence-informed content throughout. It's easy to see why this text is #1 with Canadian nursing students! A two-column format distinguishes normal findings from abnormal findings, and uses colour, step-by-step photos to clarify examination techniques and expected findings. Sectional colour bars segment body systems according to content (Structure and Function, Subjective Data, Objective Data, Documentation and Critical Thinking, Abnormal Findings). Summary checklists offer reviews of key examination steps. Documentation and Critical Thinking sections provide real world clinical examples of specific patients and how to document assessment findings. Abnormal findings tables help you recognize, sort, and describe abnormalities. Separate chapter on Pregnancy provides a thorough foundation for assessing the pregnant patient. Developmental Considerations sections highlight content specific to infants, children, adolescents, pregnant women, and older adults. Promoting Health boxes focus on this key aspect of Canadian health care. NEW! Content covering the Electronic Health Record, charting, and narrative recording provides examples of how to document assessment findings. UPDATED Case Studies provide you with opportunities to test and develop your analytical skills and apply what you've learned. NEW! Approximately 150 normal and abnormal examination photos for the nose, mouth, throat, thorax, and pediatric assessment gives you a fresh perspective on these key system examinations, with cultural diversity and developmental variations. NEW! Social determinants of health considerations cover the shifting landscape of Canada's populations with strategies for integrating social, economic and ethnocultural diversity into your health assessments. NEW! Assessment strategies relevant to Indigenous populations, harm reduction, nutrition, and transgender persons inform practitioners on respectful, complete care.

Cognitive Screening Instruments: A Practical Approach provides a practical and structured overview of some of the most commonly used and easily available cognitive screening instruments applicable in the outpatient clinic and bedside setting. Dementia and cognitive disorders are now recognised as an increasing public health problem, both in terms of patient numbers and cost, as populations age throughout the world. Despite this, many patients with dementia never receive a formal diagnosis, with implications for their appropriate care and management. Diagnostic tests which identify cases of dementia therefore have an important role. Expert authors from around the world equip the reader of Cognitive Screening Instruments: A Practical Approach with clear instructions on the usage of each screening instrument, its strengths and weaknesses, the time required for administration, and rules on scoring, such as how to correct for variations in the patient's age or education, and suggested cut-off scores. Cognitive Screening Instruments: A Practical Approach is a handy, illustrated guide and a valuable diagnostic aid for practitioners working closely with patients with dementia and mild cognitive impairment. This volume will be of use both to clinicians and to professionals in disciplines allied to medicine who are called upon to assess patients with possible cognitive disorders, including neurologists, old age psychiatrists, neuropsychologists, primary care physicians, dementia support workers, and members of memory assessment teams.

Today's APN and PA programs have been allocating less time to the study of neurology, leaving new practitioners with an uncertain grasp of how to approach the neurology patient. Here is a "how to" manual for knowledgeably conducting the basic neurological examination and confidently applying exam findings to the interpretation of common neurologic symptoms. It explains all facets of the standard neuro exam that is conducted in a clinic or hospital setting including useful algorithms. The book then focuses on using the exam results to determine a likely diagnosis and/or area of concern for further diagnostic tests. The text presents both basic and advanced concepts related to the exam to foster a deeper understanding of the meaning and physiology underlying an abnormal finding.

This book aims to be a single point of reference for advances in the care of geriatric populations across medical and surgical specialties. The aging population is a unique demographic with its own health challenges. Geriatricians are specifically trained to address these challenges but few medical students or residents enter geriatrics, even as the demand for geriatric expertise increases. The practices of many medical and surgical specialists are dominated by older patients who may themselves see many specialists but rarely visit geriatricians. This updated edition elucidates the most common medical conditions seen in aging patients and translates approaches to those conditions for physicians across specialties. Divided into three sections that assemble crosscutting issues, medical specialties, and surgical and related specialties, this book serves as a guide for clinicians of all backgrounds who will work with older patients as the demographic ages further. This second edition of Geriatrics for Specialists expands the number of specialist chapters to reflect growth in research in aging and clinical care for older people in dermatology, plastic surgery, and behavioral neurology. All original chapters from the first edition are extensively revised and updated to reflect the rapid growth of new knowledge in the field.

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