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Mental Disorders: Advances in Research and Treatment: 2011 Edition

ScholarlyEditions **Mental Disorders: Advances in Research and Treatment: 2011 Edition** is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Mental Disorders. The editors have built **Mental Disorders: Advances in Research and Treatment: 2011 Edition** on the vast information databases of ScholarlyNews.™ You can expect the information about Mental Disorders in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of **Mental Disorders: Advances in Research and Treatment: 2011 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/>.

ABC of Dementia

John Wiley & Sons **ABC of Dementia** is a practical guide, written with the needs of professionals in training in mind. Its aim is to enable readers to explore attitudes towards dementia, and find the knowledge and skills required in the important task of supporting the lives of people with dementia and their carers. This new edition is designed to assist students and practitioners working within both primary and secondary care settings with the diagnosis, treatment and provision of care. It covers the causes of dementia, diagnostic assessment, early intervention, pharmacological treatment, person-centred care, legal and ethical issues, and more. This resource has been thoroughly revised to reflect the most recent research and evidence-based practice. New and expanded content addresses dementia and frailty in care homes, explores the role of technology in the treatment of dementia, discusses working with minority groups, and examines case studies. Aids healthcare professionals in developing the knowledge, skills and confidence to care for those with dementia Highlights the importance of person-centred care and the effects of dementia on families and carers. Describes the cognitive changes and neurological disorders central to dementia Addresses the needs of younger people developing dementia Provides guidance on managing dementia in primary care, the acute hospital and end-of-life care settings Covers the Neuropsychiatric Symptoms of Dementia (NPSD) Features numerous full-colour photographs and illustrations **ABC of Dementia** is a must-have for healthcare students, general practitioners, and other healthcare professionals caring for people with dementia. It will also be of interest to members of the general public who wish to know more about dementia.

Principles and Practice of Geriatric Psychiatry

John Wiley & Sons The renowned **Principles and Practice of Geriatric Psychiatry**, now in its third edition, addresses the social and biological concepts of geriatric mental health from an international perspective. Featuring contributions by distinguished authors from around the world, the book offers a distinctive angle on issues in this continually developing discipline. **Principles and Practice of Geriatric Psychiatry** provides a comprehensive review of: geriatric psychiatry spanning both psychiatric and non-psychiatric disorders scientific advances in service development specific clinical dilemmas New chapters on: genetics of aging somatoform disorders epidemiology of substance abuse somatoform disorders care of the dying patient Continuing the practice of earlier editions, the major sections of the book address aging, diagnosis and assessment and clinical conditions, incorporating an engaging discussion on substance abuse and schizophrenic disorders. Shorter sections include the presentation of mental illness in elderly people from different cultures—one of the most popular sections in previous editions. Learning and behavioural studies, as well as models of geriatric psychiatry practice, are covered extensively. This book provides a detailed overview of the entire range of mental illness in old age, presented within an accessible format. **Principles and Practice of Geriatric Psychiatry** is an essential read for psychiatrists, geriatricians, neurologists and psychologists. It is of particular use for instructors of general psychiatry programs and their residents.

Handbook of Neurologic Rating Scales, 2nd Edition

Demos Medical Publishing

Clinical Assessment Workbook: Balancing Strengths and Differential Diagnosis

Cengage Learning This practical workbook facilitates students' understanding of the DSM-5 and other texts related to the diagnoses of mental disorders, enhancing their ability to assess their clients' strengths and to diagnose any emotional difficulties the clients may be experiencing. **THE CLINICAL ASSESSMENT WORKBOOK: BALANCING STRENGTHS AND DIFFERENTIAL DIAGNOSIS**, 2nd Edition, offers a wealth of real life examples and exercises, providing students with the opportunity to practice their assessment skills in a classroom environment prior to entering the field as a mental health professional. Students learn the various diagnostic categories of the DSM-along with dual diagnoses, symptom formulation, and the overlap between diagnostic categories—as well as how to apply these categories to clients they will be seeing in practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Dementia

Springer

Guide to Psychological Assessment with African Americans

Springer The movements toward cultural sensitivity and evidence-based practice are watershed developments in clinical psychology. As a population with a long history of substandard treatment from mental health systems, African Americans have especially benefitted from these improvements. But as with other racial and ethnic minorities, finding relevant test measures in most psychological domains presents clinicians with an ongoing challenge. The **Guide to Psychological Assessment with African Americans** aims to close the evaluation/therapy gap by giving practitioners the tools to choose appropriate instruments while respecting client individuality. Expert contributors analyze scarce and far-flung data, identify strengths and limitations of measures and norms in their use with African-American clients, and advise on avoiding biases in interpreting results. The editors advocate for a theory-based hypothesis-testing approach to assessment when empirical evidence is lacking, and offer guidelines for decision-making that is effective as well as ethnically aware. The Guide's findings, insights, and practical information cover the gamut of test and diagnostic areas, including: IQ and personality. Generalized anxiety disorder, panic, and phobias. Neuropsychological assessment, cognitive decline, and dementia. Mood disorders and suicidality. Forensic assessment, risk, and recidivism. Measures specific to children and adolescents. Plus PTSD, substance disorders, eating pathology, and more. Expertly complementing cross-cultural treatment texts, the **Guide to Psychological Assessment with African Americans** stands out as a trustworthy resource for treatment planning useful to clinical psychologists, neuropsychologists, and clinical social workers.

Drug Treatment in Dementia

John Wiley & Sons This timely book reviews the current status of drug treatments in dementia, both in practice and in research. It commences with a brief overview of the dementia syndrome and provides guidance in making a diagnosis. It then focuses on treatment of the cognitive function, psychological and behavioural symptoms and co-existing diseases. Chapters devoted to measuring the effects and cost-effectiveness of anti-dementia drugs are included.

Clinical Trials in Neurology

Springer Science & Business Media **Clinical Trials in Neurology** comprehensively tackles the methodology and design of clinical trials in neurological disease. A general section deals with the ethical aspects, drug development and regulatory requirements, basic trial designs and the statistics used. A diseases section tackles specific aspects of disorders, focusing on the relevant ethical issues, outcome variables and experience with large multicentre trials.

Handbook of Gerontology

Evidence-Based Approaches to Theory, Practice, and Policy

John Wiley & Sons A multidisciplinary resource that combines the latest research with the best practices for working with older adults The Handbook of Gerontology: Evidence-Based Approaches to Theory, Practice, and Policy provides an essential source of important theoretical and applied information on gerontology for all mental health professionals interested in optimizing the health and well-being of older adults. Interdisciplinary and incorporating the most current evidence-based practices in its focus, this timely book considers the many factors that affect the way this growing population experiences the world-and provides a positive and proactive guide to administering care. Integrating the latest research findings with important practice implications for working with an older client population, the Handbook of Gerontology draws on a multidisciplinary team of expert contributors who provide coverage and insight into a diverse range of topics, including: A global perspective on aging Elder abuse Family caregiving Parenting grandchildren Depression Substance abuse Alzheimer's disease Successful aging and personality Biological and cognitive aspects and theories of aging An exceptional resource for practitioners, researchers, policymakers, and students, the Handbook of Gerontology is essential reading for anyone who works with older adults.

Guide to Psychological Assessment with Asians

Springer To effectively serve minority clients, clinicians require a double understanding: of both evidence-based practice and the cultures involved. This particularly holds true when working with Asian-Americans, a diverse and growing population. The Guide to Psychological Assessment with Asians synthesizes real-world challenges, empirical findings, clinical knowledge and common-sense advice to create a comprehensive framework for practice. This informed resource is geared toward evaluation of first-generation Asian Americans and recent immigrants across assessment methods (self-report measures, projective tests), settings (school, forensic) and classes of disorders (eating, substance, sexual). While the Guide details cross-cultural considerations for working with Chinese-, Japanese-, Korean and Indian-American clients, best practices are also included for assessing members of less populous groups without underestimating, overstating or stereotyping the role of ethnicity in the findings. In addition, contributors discuss diversity of presentation within groups and identify ways that language may present obstacles to accurate evaluation. Among the areas covered in this up-to-date reference: Structured and semi-structured clinical interviews. Assessment of acculturation, enculturation and culture. IQ testing. Personality disorders. Cognitive decline and dementia. Mood disorders and suicidality. Neuropsychological assessment of children, adolescents and adults. Culture-bound syndromes. Designed for practitioners new to working with Asian clients as well as those familiar with the population, the Guide to Psychological Assessment with Asians is exceedingly useful to neuropsychologists, clinical psychologists, health psychologists and clinical social workers.

Geropsychology Assessment Resource Guide

Assessment Instruments, GRECC Programs, Geropsychology Professionals' Network, VA Fellowships, Other Resources

Guide Pratique de la Consultation En Gériatrie

Elsevier Masson Le vieillissement de la population confronte de plus en plus le praticien aux patients particuliers que sont les sujets âgés. Outre l'examen clinique traditionnel, l'évaluation gériatrique standardisée (EGS) doit rentrer dans la pratique courante de tout généraliste. Cet examen permet d'évaluer l'ensemble des fonctions cognitives, sociales, et l'autonomie fonctionnelle d'un patient. À l'aide des nombreux tests courts et pratiques de diagnostic, cet ouvrage permet au praticien de suivre l'évolution physique et psychique des personnes âgées. Il propose tout d'abord un examen clinique spécifique (évaluation cognitive, thymique, nutritionnelle, de l'équilibre et de la marche, évaluation fonctionnelle et de l'autonomie), puis un état des lieux des pathologies gériatriques, des pathologies neurodégénératives et des troubles du comportement. Cette nouvelle édition présente notamment les outils opposables à PATHOS (outil d'évaluation des états pathologiques en EHPAD) et propose des tests plus spécifiques à l'attention des sujets fragiles afin de dépister suffisamment tôt cette fragilité et un certain nombre de déficits pour mettre en place des attitudes de prévention, de traitement et de prises en charge efficaces. Ce guide s'intègre parfaitement dans la pratique des médecins généralistes, des médecins coordonnateurs en EHPAD et de tous les praticiens dans le suivi de leurs patients âgés.

Willard and Spackman's Occupational Therapy

Lippincott Williams & Wilkins Willard and Spackman's Occupational Therapy, Twelfth Edition, continues in the tradition of excellent coverage of critical concepts and practices that have long made this text the leading resource for Occupational Therapy students. Students using this text will learn how to apply client-centered, occupational, evidence based approach across the full spectrum of practice settings. Peppered with first-person narratives, which offer a unique perspective on the lives of those living with disease, this new edition has been fully updated with a visually enticing full color design, and even more photos and illustrations. Vital pedagogical features, including case studies, Practice Dilemmas, and Provocative questions, help position students in the real-world of occupational therapy practice to help prepare them to react appropriately.

Case Studies in Dementia

Common and Uncommon Presentations

Cambridge University Press Dementia is amongst the greatest challenges facing the medical profession as the population ages. Accurate diagnosis is essential as many rarer forms of the disease are treatable if recognized early. This collection of case studies from around the world illustrates both common and unusual causes of dementia, emphasizing clinical reasoning, integrative thinking and problem-solving skills. Each case consists of a clinical history, examination findings and special investigations, followed by diagnosis and discussion. The aim is to reinforce diagnostic skills through careful analysis of individual presenting patterns, and to guide treatment decisions, using state-of-the-art diagnostic classification and tools. The reader will be able to distinguish patients who need reassurance, closer follow-up or immediate referral to specialized services. Written and edited by internationally recognized experts in dementia, these case studies will inform and challenge clinicians at all stages of their careers.

Traumatic Brain Injury

Methods for Clinical and Forensic Neuropsychiatric Assessment

CRC Press Numerous books exist on traumatic brain injury, yet none comprehensively cover evaluation from both clinical and forensic standpoints. Traumatic Brain Injury: Methods for Clinical and Forensic Neuropsychiatric Assessment is the first medical book to guide treatment practitioners not only in methods for evaluating traumatic brain injury in adults an

Neurobehavioral Manifestations of Neurological Diseases: Diagnosis & Treatment, An Issue of Neurologic Clinics,

Elsevier Health Sciences This important subject of Diagnosis of and Treatment for Neurobehavioral manifestations of neurologic disease is directed by three leaders of this field - Dr. Alizea Minagar, Dr. Glen Finney, and Dr. Kenneth Heilman. Topics include: Neurobehavioral testing for mental status; Behavioral neurology of vascular neurology; Alzheimer's disease; Frontotemporal dementia; Traumatic brain injury; Parkinsonian Syndromes (e.g., Parkinson's disease, Lewy body dementia, progressive supranuclear palsy, corticobasal disease, multisystem atrophy); Behavioral neurology of multiple sclerosis and autoimmune encephalopathies; Infectious Diseases (Neuro-AIDS, Neurosyphilis, HSV); Neurobehavioral aspects of systemic disease; Neurobehavioral aspects of epilepsy; Behavioral neurology aspects of nutritional deficiencies; Neurobehavioral aspects of mitochondrial disease; and Medicinal-induced behavioral disorders.

Alzheimer's Disease

Oxford University Press Part of the Oxford Neurology Library series, this second edition of Alzheimer's Disease is a succinct and practical introduction to the diagnosis, evaluation and management of Alzheimer's disease. This practical pocketbook contains 14 fully updated chapters on key topics such as pathophysiology, epidemiology, pharmacological treatments, and psychological symptoms. The introduction of new chapters on atypical presentations, end-of-life issues, and case vignettes ensure the reader is fully equipped with the latest understanding of the possible causes of the disease, methods of diagnosis, and management techniques. Content is presented in a concise and easy to read format designed for quick reference, with helpful key points listed at the start of each chapter.

Aging and Neuropsychological Assessment

Springer Science & Business Media It is a privilege to be asked to write the foreword for so excellent a book, so timely and so much needed by the field. Not only is it most unusual these days to have a single authored volume on so broad a topic, but Dr. La Rue has done a superb job of providing both a scholarly treatise and a practical handbook. With a burgeoning elderly population and the corresponding increase in geriatric psychopathology, the needs of mental health services are exceeding by far the supply of appropriate providers. In an effort to meet this need, psychiatry, medicine, neurology, pharmacology, psychology, nursing, and social work have all made the provision of training in geriatrics and gerontology a high priority—but I fear we are losing the race. For example, multidisciplinary teams that assess, diagnose, and treat mental health disorders in elderly patients are incomplete without clinical psychologists and neuropsychologists, and yet there is barely a handful of clinical psychologists trained in dealing with geriatric patients. We can count on our fingers the additional ones graduated each year. In hospitals, clinics, and private practices across the country, otherwise skilled psychologists are unprepared to respond to the special mental health needs of the elderly. A few CME programs are helping to address this need, but they are clearly not enough.

Palliative Care for Advanced Alzheimer's and Dementia

Guidelines and Standards for Evidence-Based Care

Springer Publishing Company 2010 AJN Book of the Year Award Winner in both Gerontologic Nursing and Hospice and Palliative Care! "This book...provides important information on best practices and appropriate ways to care for a person with Alzheimer's and advanced dementia. Drs. Martin and Sabbagh have assembled a team of experts to help craft recommendations that should ultimately become standards that all professional caregivers adopt." -Michael Reagan Son of former President Ronald Reagan President, Reagan Legacy Foundation This book testifies that caregivers can have a monumental impact on the lives of persons with advanced dementia. Through specialized programming and a renewed effort toward patient-centered care, caregivers can profoundly enrich the quality of life for these persons. Providing guidelines for health care professionals, caregivers, and family members, this book introduces palliative care programs and protocols for the treatment of people with advanced dementia. The book is designed to guide professional caregivers in meeting the needs of patients and their families, providing insight into the philosophy, assessment, planning, implementation, and evaluation measures involved in interdisciplinary palliative care. The chapter authors offer guidelines and standards of care based on contributions from nurses, physical therapists, social workers, dietitians, psychologists, family caregivers and pastors. An exhibit at the end of every chapter clearly articulates the standards of care appropriate for all advanced dementia facilities and health care staff. This book helps caregivers: Enhance the physiological, psychological, social, and spiritual well-being of the patient and the patient's family Anticipate and meet the patient's basic human needs: hunger, thirst, body positioning, hygiene, continence, and management of any pain Ensure that the patient's surroundings are safe, comfortable, and homelike Address health care decisions that will support the patient's right to self-determination until the end of life

Advanced Practice Psychiatric Nursing

Integrating Psychotherapy, Psychopharmacology, and Complementary and Alternative Approaches

Springer Publishing Company Named a 2013 Doody's Core Title! "There are few new books to direct PMH-APRN treatment options...Now, this book provides the path to integration of treatment options for the holistic care of psychiatric client by PMH-APRNs."--Doody's Medical Reviews This text is a wonderful compilation of information that is needed within current advanced practice psychiatric mental health nursing. The chapters are informative, have excellent references and provide up to the minute information that is grounded in evidence-based practices. Barbara Jones Warren, PhD, RN, CNS-BC, PMH, FAAN Professor, Clinical Nursing Director, Psychiatric Nursing Specialty National Institutes of Health/American Nurses Association Ethnic/Racial Minority Fellow The Ohio State College of Nursing This groundbreaking core text fills a void in nursing literature by integrating psychotherapy, psychopharmacology, and complementary and alternative medicine (CAM) approaches into advanced practice nursing. It is organized around psychiatric "syndromes" rather than DSM diagnoses, so it will remain current even after the publication of the DSM-5. The book provides clear and relevant treatment options in the form of decision trees with additional explanatory narratives. These decision trees enable practitioners to distinguish normal patients from those who require more customized therapeutic interventions. This holistic text integrates neurobiology, theory, and research evidence related to psychotherapy, psychopharmacology, and complementary and alternative medicine interventions. While providing comprehensive information on theory and practice, it simplifies complex aspects of treatment with clarity and provides the depth of content appropriate to support sound clinical reasoning required in advanced practice. The book responds to the current backlash against overmedication in psychiatry. It also fulfills the upcoming requirements by APNA and ISPN that advanced practice psychiatric nurses must have skills in psychotherapy. Additionally, the text focuses on treatment issues across the life span and highlights pertinent clinical differences from the adult population through pediatric pointers and aging alerts. Advanced Practice Psychiatric Nursing reflects the extensive practice and educational experience of editors and contributors from the United States, Canada, and Scotland, all of whom are expert APNs. Key Features: Organized around psychiatric syndromes, rather than DSM diagnoses, so it will remain relevant after the DSM-5 is published Integrates neurobiology, theory, and research evidence related to psychotherapy, psychopharmacology, and CAM therapies Provides the much-needed content on psychotherapy newly required for all psychiatric advanced practice nurses (APNA & ISPN White Papers) Supports clinical decision skills through thoughtfully designed, easy-to-follow decision trees ICONS highlight life span clinical management differences through Pediatric Pointers and Aging Alerts

Diagnosis and Treatment of Senile Dementia

Springer Science & Business Media Senile dementia is one of the major health problems confronting mankind in this century. To some extent the problem has, of course, always existed. The condition was sufficiently troubling to classical philosophers and jurists to have apparently provoked comments by Solon in approximately 500 B. C. and Plato in the fourth century B. C. (Plutarch 1967 translation; Plato 1921 translation). Medical recognition can be traced at least as far back as the second century A. D. (Adams 1861). However, several factors have converged in this century to extend the absolute dimensions of the problem of senile dementia and to increase societal, medical, and scientific recognition of the magnitude of the condition. Perhaps the most important factor relating to the present importance of senile dementia is demographic. Although the human population has been increasing since the mid-eighteenth century, it has only been since the advent of the twentieth century that a decrease in mortality has been noted for those over the age of 45 (McKeown 1976). Consequently, the absolute number of aged persons and the proportion of increasingly aged persons in the populations of the world's industrial nations have been steadily increasing. For example, in the United States, 4% of the population was over the age of 65 in 1900. In the 1970 census, this proportion had grown to 10%.

Alzheimer's Disease

A Physician's Guide to Practical Management

Springer Science & Business Media Alzheimer's disease (AD) is a devastating and dehumanizing illness affecting increasingly large numbers of elderly and even middle-aged persons in a worldwide epidemic. Alzheimer's Disease: A Physician's Guide to Practical Management was written by selected clinicians and scientists who represent some of the world's leading centers of excellence in AD research. The editors are proud and grateful for their profound contributions. This book is particularly designed to assist physicians and other health-care professionals in the evaluation, assessment, and treatment of individuals with AD. At the same time, by illuminating the basic scientific background, we hope to provide state-of-the-art information about the disease and possible future therapeutic strategies. The recent psychiatric treatment aspects of AD are also clearly presented. Because the early diagnosis of the dementia process is now considered of increasing importance, we focus particularly in several chapters on early changes and preclinical conditions, such as mild cognitive impairment and prodementia AD.

Contemporary Accounts in Drug Discovery and Development

John Wiley & Sons CONTEMPORARY ACCOUNTS IN DRUG DISCOVERY AND DEVELOPMENT A useful guide for medicinal chemists and pharmaceutical scientists Drug discovery is a lengthy and complex process that typically involves identifying an unmet medical need, determining a biological target, chemical library screening to identify a lead, chemical optimization, preclinical studies and clinical trials. This process often takes many years to complete, and relies on practitioners' knowledge of chemistry and biology, but also—and perhaps more importantly—on experience. Improving the success rate in discovery and development through a thorough knowledge of drug discovery principles and advances in technology is critical for advancement in the field. Contemporary Accounts in Drug Discovery and Development provides drug discovery scientists with the knowledge they need to quickly gain mastery of the drug discovery process. A thorough accounting is given for each drug covered within the book, as the authors provide pharmacology, drug metabolism, biology, drug development, and clinical studies for every case, with modern drug discovery principles and technologies incorporated throughout. Contemporary Accounts in Drug Discovery and Development readers will also find Case histories used as an engaging way of learning about the drug discovery/development process Detailed biological rationale and background information, drug design principles, SAR development, ADMET considerations, and clinical studies The full history of individual marketed small molecule drugs Coverage of drug candidates that have passed Phase I clinical trials with different modalities, such as antibody drug conjugates (ADC), proteolysis-targeting chimera (PROTAC), and peptide drugs The application of new technologies in drug discovery such as DNA-encoded libraries (DEL), positron emission tomography (PET), and physics-based computational modeling

employing free energy perturbation (FEP) Contemporary Accounts in Drug Discovery and Development is a helpful tool for medicinal chemists, organic chemists, pharmacologists, and other scientists in drug research and process development. It may be considered essential reading for graduate courses in drug discovery, medicinal chemistry, drug synthesis, pharmaceutical science, and pharmacology. It is also a useful resource for pharmaceutical industry labs, as well as for libraries.

Critical Care of the Cancer Patient, An Issue of Critical Care Clinics E-Book

Elsevier Health Sciences This issue of Critical Care Clinics, Guest Edited by Dr. Stephen M. Pastores and Dr. Wendy R. Greene, focuses on Critical Care of the Cancer Patient (Pastores) and Geriatric Critical Care (Greene). Dr. Pastores' section of the issue is devoted to Critical Care of the Cancer Patient and includes the following topics: Triage and Prognostication of Cancer Patients Admitted to the ICU; ICU Organization and Interdisciplinary Care for Critically Ill Patients with Cancer; Critical Care of the Hematopoietic Stem Cell Transplant Recipient; Management of Drug Toxicities; Acute Kidney Injury in the Critically Ill Patient with Cancer; Infectious Disease Complications in Cancer Patients; and Palliative, Ethics, and End-of-Life Care Issues in the Cancer Patient. Dr. Green's section of the issue, devoted to Geriatric Critical Care, includes the following topics: The effect of aging physiology on critical care; The frailty syndrome: a critical issue in geriatric oncology; Detection of delirium in the intensive care unit: comparison of confusion assessment method for the intensive care unit with confusion assessment method ratings; Evidence-based geriatric nursing protocols for best practice; The effect of dementia in the critically ill geriatric patient; Nutritional assessment: a primary component of multidimensional geriatric assessment in the ICU; Rehabilitation concerns in the geriatric critically ill and injured; and Geriatric palliative care.

The Clinician's Guide to Geriatric Forensic Evaluations

Academic Press The Clinician's Guide to Geriatric Forensic Evaluations provides practical guidance to clinicians performing forensic evaluations on older adults. The book begins with how geriatric forensic evaluations differ from those done on non-geriatric adults. DSM-5 criteria for neurocognitive disorders are discussed and differentiated from the previous criteria in DSM-IV. Coverage includes assessing decision-making capacity/competence and evaluating undue influence, elder abuse, and financial exploitation. Each chapter opens with a case study and then highlights specific assessment techniques, best practices, and common pitfalls to avoid. The book additionally covers forensic report writing, court testimony, and when to refer to an outside independent expert. Samples of geriatric forensic reports are provided. Provides practical information on performing geriatric forensic evaluations Identifies DSM-5 criteria for neurocognitive disorders Includes assessing decision-making capacity/competence, undue influence, elder abuse, and financial exploitation Features assessment strategies, case studies, best practices, and pitfalls to avoid Advises on report writing and court testimony

Cognitive Screening Instruments

A Practical Approach

Springer This revised and updated second edition 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. It now includes additional chapters on AD8 and also methodological aspects of systematic cognitive screening instrument assessment from the Cochrane Dementia and Cognitive Improvement Group. Expert authors from around the world equip the reader with clear instructions on the usage of each screening instrument, its strengths and weaknesses, and the time required for administration. Rules on scoring are also provided, 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, Second Edition is aimed at both clinicians and 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.

Dementia and Neurodegenerative Diseases Editor's Pick 2021

Frontiers Media SA

Treating Alzheimer's and Other Dementias

Clinical Application of Recent Research Advances

Severe Dementia

John Wiley & Sons The later stages of dementia are as important, if not more so, as the earlier stages, since they harbour unique characteristics and events, which profoundly affect the lives of patients and their carers. Severe dementia has not had a high profile in the clinical literature as until recently prognosis was poor and there were few beneficial interventions. With the recent licensing of memantine, clinicians finally have a drug option that will delay disease progression. Severe Dementia is the first book to focus exclusively on severe dementia. It addresses both the clinical features of the disease and the social aspects of care. Introductory chapters on the differential diagnosis, neurochemistry and molecular pathology of severe dementia set the scene for the clinical discussion. Detailed clinical chapters on cognitive function, depression, physical effects, staging and function follow. All therapeutic interventions are then discussed, including memantine, anticholinesterases, neuroleptics and non-pharmacological treatment. The final chapters review the social and economic aspects of dementia care, including family involvement, person-centered care, palliative care, ethics and health economics. Written and edited by experts in geriatric psychiatry and geriatrics, Severe Dementia is of value to all clinicians involved in the management of this complex and vulnerable group of patients. It is also of interest to general practitioners and carers in nursing homes.

DATA SCIENCE WORKSHOP: Alzheimer's Disease Classification and Prediction Using Machine Learning and Deep Learning with Python GUI

BALIGE PUBLISHING Alzheimer's is a type of dementia that causes problems with memory, thinking and behavior. Symptoms usually develop slowly and get worse over time, becoming severe enough to interfere with daily tasks. Alzheimer's is not a normal part of aging. The greatest known risk factor is increasing age, and the majority of people with Alzheimer's are 65 and older. But Alzheimer's is not just a disease of old age. Approximately 200,000 Americans under the age of 65 have younger-onset Alzheimer's disease (also known as early-onset Alzheimer's). The dataset consists of a longitudinal MRI data of 374 subjects aged 60 to 96. Each subject was scanned at least once. Everyone is right-handed. 206 of the subjects were grouped as 'Nondemented' throughout the study. 107 of the subjects were grouped as 'Demented' at the time of their initial visits and remained so throughout the study. 14 subjects were grouped as 'Nondemented' at the time of their initial visit and were subsequently characterized as 'Demented' at a later visit. These fall under the 'Converted' category. Following are some important features in the dataset: EDUC: Years of Education; SES: Socioeconomic Status; MMSE: Mini Mental State Examination; CDR: Clinical Dementia Rating; eTIV: Estimated Total Intracranial Volume; nWBV: Normalize Whole Brain Volume; and ASF: Atlas Scaling Factor. The models used in this project are K-Nearest Neighbor, Random Forest, Naive Bayes, Logistic Regression, Decision Tree, Support Vector Machine, Adaboost, LGBM classifier, Gradient Boosting, XGB classifier, MLP classifier, and CNN 1D. Finally, you will develop a GUI using PyQt5 to plot boundary decision, ROC, distribution of features, feature importance, cross validation score, and predicted values versus true values, confusion matrix, learning curve, performance of the model, scalability of the model, training loss, and training accuracy.

Pharmacotherapy of Alzheimer's Disease

CRC Press This thorough guide details clinical trials, the drugs currently available and the expectations of the doctor, family and carer

Clinical Diagnosis and Management of Alzheimer's Disease, Second Edition

CRC Press Owing to the success of the first edition and the rapid development of new drugs for treating Alzheimer's disease, Serge Gauthier has approached not only his original contributors but a number of leading clinicians and researchers to give their views based on clinical experience and scientific evidence for the treatment of this disease.

Animal and Translational Models for CNS Drug Discovery

Academic Press Animal and Translational Models for CNS Drug Discovery combines the experience of academic, clinical and pharmaceutical neuroscientists in a unique collaborative approach to provide a greater understanding of the relevance of animal models of neuropsychiatric disorders and their role as translational tools for the discovery of CNS drugs being developed for the treatment of these disorders. The focus of this three-volume series of essays is to present a consensual picture of the translational value of animal models from leading experts actively involved in the use of animal models for understanding fundamental neurobiology of CNS disorders and the application of this knowledge to CNS drug discovery, and clinical investigators involved in clinical trials, drug development and eventual registration of novel pharmaceuticals. Each volume of the Animal and Translational Models for CNS Drug Discovery series is dedicated to the development and use of animal models in key therapeutic areas in psychiatric, neurologic and reward deficit disorders.

Each volume has introductory chapters expressing the view of the role and relevance of animal models for CNS drug discovery and development from the perspective of (a) academic basic neuroscientific research, (b) applied pharmaceutical drug discovery and development, and (c) issues of clinical trial design and regulatory agencies limitations. Each volume examines the rationale, use, robustness and limitations of animal models in relevant therapeutic areas and discusses the use of animal models for target identification and validation. The clinical relevance of animal models is discussed in terms of major limitations in cross-species comparisons, clinical trial design of drug candidates, and how clinical trial endpoints could be improved. The aim of this series of volumes on Animal and Translational Models for CNS Drug Discovery is to identify and provide common endpoints between species that can serve to inform both the clinic and the bench with the information needed to accelerate clinically-effective CNS drug discovery. - Provides clinical, academic, government and industry perspectives fostering integrated communication between principle participants at all stages of the drug discovery process - Critical evaluation of animal and translational models improving transition from drug discovery and clinical development - Emphasizes what results mean to the overall drug discovery process - Explores issues in clinical trial design and conductance in each therapeutic area - Each volume is available for purchase individually.

Animal and Translational Models for CNS Drug Discovery: Reward Deficit Disorders

Academic Press Reward Deficit Disorders is written for researchers in both academia and the pharmaceutical industry who use animal models in research and development of drugs for reward deficit disorders such as alcohol dependence, nicotine dependence, heroin and cocaine addiction, obesity, and gambling and impulse control disorders. Reward Deficit Disorders has introductory chapters expressing the view of the role and relevance of animal models for drug discovery and development for the treatment of psychiatric disorders from the perspective of (a) academic basic neuroscientific research, (b) applied pharmaceutical drug discovery and development, and (c) issues of clinical trial design and regulatory agencies limitations. Each volume examines the rationale, use, robustness and limitations of animal models in each therapeutic area covered and discuss the use of animal models for target identification and validation. The clinical relevance of animal models is discussed in terms of major limitations in cross-species comparisons, clinical trial design of drug candidates, and how clinical trial endpoints could be improved. Reward Deficit Disorders also has a section dedicated to the specifics of the regulatory aspects to abuse liability testing. The aim of this series of volumes on Animal and Translational Models for CNS Drug Discovery is to identify and provide common endpoints between species that can serve to inform both the clinic and the bench with the information needed to accelerate clinically-effective CNS drug discovery. This is the third volume in the three volume-set, Animal and Translational Models for CNS Drug Discovery 978-0-12-373861-5, which is also available for purchase individually. Provides clinical, academic, government and industry perspectives fostering integrated communication between principle participants at all stages of the drug discovery process Critical evaluation of animal and translational models improving transition from drug discovery and clinical development Emphasizes what results mean to the overall drug discovery process Explores issues in clinical trial design and conductance in each therapeutic area Neurological Disorders is available for purchase individually.

Exploring Reliable Markers and Prediction Indexes for the Progression from Subjective Cognitive Decline to Cognitive Impairment

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Handbook of Assessment in Clinical Gerontology

Academic Press New trends in mental healthcare practice and a rapid increase in the aged population are causing an explosion in the fields of clinical gerontology and geropsychology today. This comprehensive second edition handbook offers clinicians and graduate students clear guidelines and reliable tools for assessing general mental health, cognitive functioning, functional age, psychosocial health, comorbidity, behavior deficits, and more. Psychopathology, behavioral disorders, changes in cognition, and changes in everyday functioning are addressed in full, and a wide range of conditions and disorders common to this patient population are covered. Each chapter provides an empirical review of assessment instruments, assessment scales in their totality, a review of how these instruments are used with and adapted for different cultural groups, illustration of assessments through case studies, and information on how to utilize ongoing assessment in treatment and/or treatment planning. This combination of elements will make the volume the definitive assessment source for clinicians working with elderly patients. The most comprehensive source of up-to-date data on gerontological assessment, with review articles covering: psychopathology, behavioral disorders, changes in cognition, and changes in everyday functioning Consolidates broadly distributed literature into single source, saving researchers and clinicians time in obtaining and translating information and improving the level of further research and care they can provide Chapters directly address the range of conditions and disorders most common for this patient population - i.e. driving ability, mental competency, sleep, nutrition, sexual functioning, demntias, elder abuse, depression, anxiety disorders, etc Fully informs readers regarding conditions most commonly encountered in real world treatment of an elderly patient population Each chapter cites case studies to illustrate assessment techniques Exposes reader to real-world application of each assessment discussed

Alzheimer Disease and Other Dementias

A Practical Guide

Lippincott Williams & Wilkins Now in its Second Edition, this practical guide focuses on assessment, diagnosis, and management of the complex array of dementia disorders seen in older patients. Using the conversational style and clinical vignettes found in all Practical Guides in Psychiatry titles, Dr. Agronin addresses all the subtypes of dementia and associated psychiatric conditions such as agitation, psychosis, and depression. This edition features a new chapter on mild cognitive impairment and expanded coverage of Alzheimer disease and risk factors. Chapters offer advice on caregiver support and legal and ethical concerns. Handy pocket-card appendices include tests used in the dementia workup and treatment guides for agitation, psychosis, and depression. The Practical Guides in Psychiatry series provides quick, concise information for professionals on the front lines of mental health care. Written in an easy-to-read, conversational style, these invaluable resources take you through each step of the psychiatric care process, delivering fast facts and helpful strategies that help you provide effective and compassionate care to your patients.

Ethical Foundations of Palliative Care for Alzheimer Disease

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Translational Advances in Alzheimer's, Parkinson's, and Other Neurodegenerative Dementias

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