

# **FREE NEUROLEPTIC MALIGNANT SYNDROME AND RELATED CONDITIONS**

## **Neuroleptic Malignant Syndrome and Related Conditions**

Neuroleptic malignant syndrome (NMS) and other hyperthermic conditions are rare complications of antipsychotic drugs that can cause discomfort, disability, and even death. As a result, every psychiatrist, physician, and mental health care professional needs to understand and identify these disorders in time to prevent a fatal outcome. Neuroleptic Malignant Syndrome and Related Conditions is an important tool for clinicians, outlining a framework for understanding, diagnosing, treating, and preventing these little-understood disorders. This new edition extensively updates and revises the first edition, integrating an explosion of findings that have occurred since the earlier edition was published in 1989. In addition to NMS, chapters focus on antipsychotic drug-related heatstroke, hyperthermia associated with other neuropsychiatric drugs, and malignant catatonia, as well as A new chapter on serotonin syndrome, the first comprehensive review to appear in the world literature. With the proliferation of serotonergic drugs such as Selective Serotonin Reuptake Inhibitors (SSRIs), the incidence of adverse reactions is on the rise, and this information will help practitioners spot early warning signals. Important information on thermoregulatory mechanisms to help clinicians understand the pathogenesis of hyperthermic conditions. With an understanding of the basic mechanisms underlying these conditions, practitioners will develop more effective strategies for recognition, diagnosis, and treatment. Written by four internationally renowned authorities on NMS, Neuroleptic Malignant Syndrome and Related Conditions is the most comprehensive resource on the subject in existence. With nearly 850 citations in the reference section, it is a must for researchers -- and for practitioners who need a practical approach based on the most current science.

## **The Neuroleptic Malignant Syndrome and Related Conditions**

The second revised edition of this text will update and present current state of the art clinical approaches to this subject. This book will continue to be the source text of information on drug-induced movement disorders authored and edited by the pioneers in the field. It will be an invaluable addition to the library of any neurologist.

## **The Neuroleptic Malignant Syndrome and Related Conditions**

This authoritative and comprehensive new publication looks in depth at a range of medical syndromes characterised by serious and unpredicted internal overheating of the body. These episodes may arise suddenly and unexpectedly in certain individuals, with life-threatening consequences, either as a result of heat stress, exceptional physical exertion or in response to certain common anaesthetics and some drugs, including ecstasy. The chapters focus on the full range of these syndromes, their metabolic and physiological basis, the important pre-disposing factors for the prediction of those at risk, and the medical management of these conditions

## **Neuroleptic Malignant Syndrome**

Movement Disorder Emergencies: Diagnosis and Treatment provides a fresh and unique approach to what is already a high-profile subspecialty area in clinical neurology. The disorders covered in this volume are standard fare in the field but emphasize the urgencies and emergencies that can occur. One of the very

attractive features of the field of movement disorders is that diagnosis is often based on unique visible and sometimes audible phenomenological symptoms and signs. Therefore, in this era of highly sophisticated laboratory and radiological diagnostic tools, the diagnosis of many movement disorders is still largely made in the clinic where pattern recognition is key. Crucial to astute clinical diagnosis is broad clinical experience. In short, you have to have seen one to recognize one! Patients with movement disorders nearly always present as outpatients but, as aptly recognized by Drs. Frucht and Fahn, this may include acute manifestations leading to emergency presentations, often in an emergency room setting, where they are very likely to be unrecognized and therefore poorly managed. The authors define an “emergency” movement disorder as one in which failure to promptly diagnose and treat may result in significant morbidity or mortality. However, they also stress the importance of certain “can’t miss” diagnoses such as Wilson’s disease, dopa-responsive dystonia, and Whipple’s disease in which delayed diagnosis in less emergent situations can lead to slowly evolving and often irreversible neurological damage with tragic consequences.

## **Neuroleptic malignant syndrome**

This comprehensive, go-to volume features cutting edge discussion of the emergency department management of mental health patients.

## **Neuroleptic Malignant Syndrome**

This manual attempts to provide simple, adequate and evidence-based information to health care professionals in primary health care especially in low- and middle-income countries to be able to provide pharmacological treatment to persons with mental disorders. The manual contains basic principles of prescribing followed by chapters on medicines used in psychotic disorders; depressive disorders; bipolar disorders; generalized anxiety and sleep disorders; obsessive compulsive disorders and panic attacks; and alcohol and opioid dependence. The annexes provide information on evidence retrieval, assessment and synthesis and the peer view process.

## **Drug Induced Movement Disorders**

This volume provides an “on-the-go” guide to the most common behavioral emergencies a physician may encounter. Each chapter represents a disease state or symptom cluster and concisely summarizes the disease state, provides background, symptoms and signs, differential diagnoses, and immediate and long-term treatment options. All chapters conclude with a diagnosis or treatment algorithm or another easy-to-use visual tool. Chapters named after a specific disease state or symptom cluster, arranged alphabetically for use in the field. The text begins with chapters covering patient evaluation: getting a good history, suicide risk assessment, physical exam, and when and how to use studies. Written by experts in psychiatry and emergency medicine, this text is the first to consider both medical perspectives in a concise guide. Quick Guide to Psychiatric Emergencies is an excellent resource for psychiatrists, emergency medicine physicians, residents, nurses, and other medical professionals that handle behavioral emergencies on a regular basis.

## **Hyperthermic and Hypermetabolic Disorders**

The possibility of neuroleptic malignant syndrome should be kept in mind in patients on antipsychotic medication with fever extrapyramidal symptoms disturbances in the function of the autonomic nervous system disturbances of consciousnessleucocytosis or an increase in the plasma creatine kinase (CK) concentration as an additional laboratory finding. NMS may occur with any type of antipsychotic drug and also with metoclopramide. Other disorders causing clouding of consciousness, confusion and elevation of body temperature should be excluded. Restarting antipsychotic medication after NMS requires the opinion of a specialist.

## **Movement Disorder Emergencies**

This book provides learners with a unique opportunity by virtue of the format outlined above. Each case presentation has a case vignette, which leads up to an important clinical question, and is followed by additional discussion which resolves the question posed. This is a new way to present knowledge in a medical book and should help critical care practitioners, fellows, residents, allied health professionals and students expand their critical care knowledge in an efficient and effective manner. This approach should also benefit those preparing for board examinations.

## **Behavioral Emergencies for the Emergency Physician**

Psychosomatic Medicine (PM) is a rapidly developing subspecialty of psychiatry focusing on psychiatric care of patients with other medical disorders. PM practitioners strive to stay current with the latest research and practice guidelines in a burgeoning field involving complex interactions and combinations of illnesses. To address these challenges, this book provides practical instruction from PM clinicians, educators and researchers, covering core clinical concepts routinely used in practice.

## **Pharmacological Treatment of Mental Disorders in Primary Health Care**

Teaches the reader how to identify and treat catatonia successfully, and describes its neurobiology.

## **Quick Guide to Psychiatric Emergencies**

Neurocritical care as a subspecialty has grown rapidly over the last 20 years with the advent of newer monitoring and diagnostic techniques and therapeutic modalities in a variety of brain and spinal cord injury paradigms. This handbook will serve as a quick reference guide to all health care providers in a neurocritical care setting. Since time is of the essence in the rapid diagnosis and timely therapeutic interventions for these patients, this book provides an algorithmic approach to making a clinical diagnosis using ancillary investigations to confirm the diagnosis and provide appropriate management of acute neurologic diseases. Tables and illustrations help provide a quick and easy bedside reference and give a practical approach to the management of these patients.

## **Neuroleptic malignant syndrome (NMS)**

During the 20th century, catatonia all but dropped off the agenda of mainstream psychiatric research. However, several dedicated research groups, represented in this volume, continued to report original data highlighting catatonia as a relevant and ideal subject for clinical study. This book, which exemplifies the unparalleled breadth of the knowledge gained, will benefit clinicians managing catatonic phenomena as well as researchers interested in pursuing further investigations. This book covers in great detail the psychopathology and neurobiology of catatonia, focusing on the history, epidemiology, etiology, diagnosis and treatment of the disorder. This comprehensive volume Offers a wide representation of the historical and worldwide literature on the many variants of catatonia in a single, well-organized text. Includes work presented by the original investigators, many of whom work outside the United States and have had their previous studies published only in non-English journals. Covers alternative opinions and perspectives on catatonia, contributing novel and illuminating perspectives on the syndrome. Addresses areas of controversy -- including disagreements over treatment and the nosologic status of catatonia -- head-on, in a balanced, evidence-based presentation. Balances practical clinical material with the underlying neurobiology, presenting clinical aspects in the context of history, epidemiology, cross-cultural perspectives, and neurobiological findings and highlighting the richness and intellectual attraction of the study of the disorder. Catatonia is unique in offering a diverse, international group of contributors and such a comprehensive, up-to-date review of the clinical and scientific literature, spanning the breadth of contemporary understanding about the nature, meaning, and importance of the syndrome.

## **Evidence-Based Critical Care**

**Movement Disorders in Psychiatry** examines the complex interface between movement disorders and psychiatry, addressing both specific movement disorders in psychiatry and behavioral syndromes associated with diseases categorized as movement disorders. This volume provides an overview of clinical definitions and pathophysiology of movement disorders and reviews specific movement disorders associated with drugs of abuse and psychotropic medications, including tardive dyskinesia, akathisia, and neuroleptic malignant syndrome. Further chapters discuss movement disorders seen in primary psychiatric disorders, such as autism and schizophrenia, as well as diseases with concurrent movement disorder and behavioral symptoms, such as Huntington's disease, Parkinson's disease, frontotemporal dementia, Tourette's syndrome, and autoimmune conditions. **Movement Disorders in Psychiatry** offers an in-depth perspective on movement disorders with treatment and practical management strategies for related challenges in clinical practice.

## **Psychosomatic Medicine**

**Life-Threatening Effects of Antipsychotic Drugs** describes in detail more than 20 life-threatening effects associated with antipsychotics, presents the best available data on their incidence and case fatality, and gives comprehensive advice on diagnosis, management and preventive strategies. In addition, the book discusses the benefit of antipsychotic medication in a range of therapeutic indications, and demonstrates the gain in life-expectancy associated with clozapine use in severe mental illness despite its serious, potentially life-threatening adverse effects. Covers cardiovascular, neurological, muscular, hematological, gastrointestinal, autonomic and metabolic effects Gives advice on risk factors, confounding diagnoses and measures to minimise seriousness Discusses clozapine rechallenge after each of its serious adverse reactions Makes suggestions for optimum management of somatic disease in those with severe mental illness, to improve life-expectancy Includes data on post-mortem considerations

## **Catatonia**

**Marsden's Book of Movement Disorders** covers the full breadth of movement disorders, from the underlying anatomy and understanding of basal ganglia function to the diagnosis and management of specific movement disorders, including the more common conditions such as Parkinson's Disease through to very rare conditions such as Niemann-Pick disease.

## **Handbook of Neurocritical Care**

This case-based text provides treatment approaches to common and uncommon movement disorders. The first two parts of the book are devoted to the wide spectrum of motor and non-motor problems encountered in caring for people with Parkinson's disease, as well as Parkinsonian syndromes. Next are parts with chapters addressing essential and other tremor disorders followed by management of the various dystonic syndromes and other hyperkinetic disorders including chorea, tics, and myoclonus. Other disorders covered are drug-induced movement disorders, psychogenic movement disorders, Wilson's disease, hemifacial spasm and more. Authored by experts globally, this practical guide will help physicians, other healthcare professionals and trainees care for patients with a wide spectrum of movement disorder related problems.

## **Catatonia**

Comprehensive, thoroughly updated, and expanded, **Neuromuscular Disorders in Clinical Practice, Second Edition** encompasses all disorders of the peripheral nervous system, covering all aspects of neuromuscular diseases from diagnosis to treatment. Mirroring the first book, this two-volume edition is divided into two parts. Part one discusses the approach to neuromuscular disorders, covering principles and basics, neuromuscular investigations, and assessment and treatment of neurological disorders. Part two then

addresses the complete range of specific neuromuscular diseases: neuronopathies, peripheral neuropathies, neuromuscular junction disorders, muscle ion channel disorders, myopathies, and miscellaneous neuromuscular disorders and syndromes. *Neuromuscular Disorders in Clinical Practice, Second Edition* is intended to serve as a comprehensive text for both novice and experienced practitioners. General neurologists as well as specialists in neuromuscular medicine and trainees in neuromuscular medicine, clinical neurophysiology and electromyography should find this book inclusive, comprehensive, practical and highly clinically focused. Additionally, specialists in physical medicine and rehabilitation, rheumatology, neurosurgery, and orthopedics will find the book of great value in their practice.

## **Movement Disorders in Psychiatry**

The clinical practice of anesthesia has undergone many advances in the past few years, making this the perfect time for a new state-of-the-art anesthesia textbook for practitioners and trainees. The goal of this book is to provide a modern, clinically focused textbook giving rapid access to comprehensive, succinct knowledge from experts in the field. All clinical topics of relevance to anesthesiology are organized into 29 sections consisting of more than 180 chapters. The print version contains 166 chapters that cover all of the essential clinical topics, while an additional 17 chapters on subjects of interest to the more advanced practitioner can be freely accessed at [www.cambridge.org/vacanti](http://www.cambridge.org/vacanti). Newer techniques such as ultrasound nerve blocks, robotic surgery and transesophageal echocardiography are included, and numerous illustrations and tables assist the reader in rapidly assimilating key information. This authoritative text is edited by distinguished Harvard Medical School faculty, with contributors from many of the leading academic anesthesiology departments in the United States and an introduction from Dr S. R. Mallampati. This book is your essential companion when preparing for board review and recertification exams and in your daily clinical practice.

## **Life-Threatening Effects of Antipsychotic Drugs**

Now in its third edition, this book remains the only source of comprehensive information about drug-induced neurological disorders. The introduction of new drugs and biological therapies have led to new adverse reactions affecting the nervous system that need to be differentiated from naturally occurring neurological disorders. The book does not simply document adverse reactions but pathomechanisms are described wherever information is available. Methods of management of drug-induced neurological disorders are also described. The primary audience is clinicians involved in the management of neurological and psychiatric disorders. The book is also a useful source of information for neuropharmacologists and pharmaceutical physicians involved in advisory capacities to the biopharmaceutical industry.

## **Marsden's Book of Movement Disorders**

This is a major international textbook for psychiatrists and other professionals working in the field of mental healthcare. With contributions from opinion-leaders from around the globe, this book will appeal to those in training as well as to those further along the career path seeking a comprehensive and up-to-date overview of effective clinical practice backed by research evidence. The book is divided into cohesive sections moving from coverage of the tools and skills of the trade, through descriptions of the major psychiatric disorders and on to consider special topics and issues surrounding service organization. The final important section provides a comprehensive review of treatments covering all of the major modalities. Previously established as the *Essentials of Postgraduate Psychiatry*, this new and completely revised edition is the only book to provide this depth and breadth of coverage in an accessible, yet authoritative manner.

## **Therapy of Movement Disorders**

Schizophrenia affects large numbers of people and is notoriously difficult to diagnose and treat. *Schizophrenia and Related Syndromes* addresses the clinical features, research, and practical management of

schizophrenia in the first single-author book on the subject in over 30 years. The up-to-date coverage includes the numerous studies which have been undertaken and the evolving nature of the management of the disease. Related disorders including paranoia, schizoaffective psychosis, old age, and childhood psychosis are also covered. This comprehensive, modern account of the current state of our knowledge on schizophrenia will be invaluable to practicing psychiatrists and psychiatrists in training as well as psychologists.

## **Neuroleptic Malignant Syndrome**

This volume provides a serious examination of substance use prevention research and practice as components of the continuum from health promotion through to prevention and health care in sub-groups and in the general population. Extensive background chapters provide portals into the evolution of the field and the cutting edge research being conducted on the etiology, epidemiology, and genetics of substance use and abuse. The global nature and health burden of substance use and abuse incorporates assessments of the serious problems related to the prevention of legal substance use (i.e., alcohol and tobacco) and how lessons learned in those arenas may apply to the prevention of illicit substance use. Research and practice chapters detail a range of effective evidence-based programs, policies and practices and emerging prevention interventions from the literatures on the family and school contexts in addition to innovations involving mindfulness and the social media. Continued advancements in substance use prevention research, practice, training, and policy are projected. Included among topics addressed are: Progression of substance use to abuse and substance use disorders The tobacco prevention experience: a model for substance use prevention? Policy interventions: intended and unintended influences on substance use Qualitative methods in the study of psychoactive substance use Use of media and social media in the prevention of substance use Supporting prevention science and prevention research internationally The array of research accomplishments and real-world methods presented in Prevention of Substance Use merits the attention of a variety of researchers and practitioners, including public health professionals, health psychologists, and epidemiologists.

## **Neuromuscular Disorders in Clinical Practice**

This book is written by neurologists involved in research, clinical testing, and management of patients with autonomic disorders and provides clinically oriented perspective on the pathophysiology, clinical presentation, and management of these disorders.

## **Essential Clinical Anesthesia**

This book is a practical guide for psychiatrists to use when treating patients for medical issues. Over the past 10-20 years, the number of medications prescribed for psychiatric illnesses has steadily increased, and psychiatric practitioners are frequently called upon to manage medical issues and side effects that result from psychotropic treatment. Covering a wide range of conditions from thyroid disorders to cardiac disease, this book is a helpful resource for understanding common adverse medical effects that occur when psychotropic drugs are administered. Presented in a practical format, each chapter discusses management of a particular medical problem or side effect and then provides a summary and flowchart of the major points highlighted in that chapter. Each chapter contains an overview of key medications causing a particular side effect. The book also includes special topics such as psychotropic prescribing in medical illness and tips on electrocardiographic interpretation. This easy-to-reference book aims to bridge the gap between medicine and psychiatry by elaborating on medical conditions seen in routine outpatient psychiatric practice. It serves as an invaluable tool for mental health providers, nurses, health educators, and pharmacologists alike. \u200b\u200b

## **Drug-induced Neurological Disorders**

Learn to improve your assessment, investigation, and management of physical health conditions in people

with severe mental illness The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry offers psychiatric and general practitioners an evidence-based and practical guide for the appropriate assessment, investigation, and management of common physical health conditions seen in people with severe mental illness. Written by a renowned team of respected experts in medicine, surgery, pharmacy, dietetics, physiotherapy, and psychiatry, the book bridges the gap between psychiatric and physical health services for the severely mentally ill. The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry also provides practitioners with expert guidance on making effective referrals to other medical and surgical subspecialties, telling readers what information subspecialties would expect to receive. Its use will improve the quality of clinical care received by mentally ill patients and, by promoting a holistic approach to treatment that considers both body and mind, will enhance the therapeutic relationship between patient and practitioner. The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry covers the following: Guidance on assessment and management of well over a hundred different medical and surgical presentations commonly seen in people with serious mental illness Management of physical health emergencies in a psychiatric setting Evidence-based approaches to management of physical side effects of psychiatric medications Advice on approaches to promote a healthy lifestyle in people with serious mental illness, such as smoking cessation and changes to diet and physical activity Perfect for both psychiatrists and general practitioners who wish to improve the quality of care they provide to people with serious mental illness, The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry will be of use to anyone setting out to navigate the divide between the treatment of psychiatric and physical health conditions.

## **Essential Psychiatry**

This book offers mental health guidelines for all medical professionals facing the emerging challenges presented by an aging population worldwide. The text acknowledges that as the geriatric demographic grows, limited resources and infrastructures demand quality protocols to deliver inpatient geriatric psychiatric care, and that many physicians may not be trained to address these specific needs. This text fills this gap with guidelines assessing, diagnosing, and treating aging patients as they present in the emergency room and other settings. Unlike any other text, this book focuses on how to optimize the use of the inpatient setting by recommending evaluations and treatments, and offering flow-charts and figures of key points, to guide both general workup and continued evaluation and treatment. This approach aims to minimize instances of premature release or readmissions and to improve outcomes. Chapters cover the various issues that clinicians face when working with an older patient, including legal topics, limitations to treatment, prescription-related complications, patients struggling with substance abuse, and various behavioral concerns. Written by experts in the field, the text takes a multidisciplinary approach to deliver high-quality care as needs of the aging population evolve. Inpatient Geriatric Psychiatry is a vital resource for all clinicians working with an aging population, including geriatricians, psychiatrists, neurologists, primary care providers, hospitalists, psychologists, neuropsychologists, emergency room and geriatric nurses, social workers, and trainees.

## **Schizophrenia and Related Syndromes**

The revised 13th edition of the essential reference for the prescribing of drugs for patients with mental health disorders The revised and updated 13th edition of The Maudsley Prescribing Guidelines in Psychiatry provides up-to-date information, expert guidance on prescribing practice in mental health, including drug choice, treatment of adverse effects and how to augment or switch medications. The text covers a wide range of topics including pharmacological interventions for schizophrenia, bipolar disorder, depression and anxiety, and many other less common conditions. There is advice on prescribing in children and adolescents, in substance misuse and in special patient groups. This world-renowned guide has been written in concise terms by an expert team of psychiatrists and specialist pharmacists. The Guidelines help with complex prescribing problems and include information on prescribing psychotropic medications outside their licensed indications as well as potential interactions with other medications and substances such as alcohol, tobacco and caffeine. In addition, each of the book's 165 sections features a full reference list so that evidence on which guidance is based can be readily accessed. This important text: Is the world's leading clinical resource for evidence-

based prescribing in day-to-day clinical practice and for formulating prescribing policy Includes referenced information on topics such as transferring from one medication to another, prescribing psychotropic medications during pregnancy or breastfeeding, and treating patients with comorbid physical conditions, including impaired renal or hepatic function. Presents guidance on complex clinical problems that may not be encountered routinely Written for psychiatrists, neuropharmacologists, pharmacists and clinical psychologists as well as nurses and medical trainees, The Maudsley Prescribing Guidelines in Psychiatry are the established reference source for ensuring the safe and effective use of medications for patients presenting with mental health problems.

## **Prevention of Substance Use**

"There is an apocryphal story of an eminent neurology professor who was asked to provide a differential diagnosis. He allegedly quipped: "I can't give you a differential diagnosis. If you wish I will give you a list of wrong diagnoses followed by the right diagnosis." Sadly, this sort of arrogance pervaded our field, particularly in the era before there were accurate diagnostic methods and effective treatments of neurological diseases. Fortunately, this sort of pomposity is now relegated to the past and remains only as an antique reminder of a type of hubris that precluded discovery and progress in diseases of the nervous system"--

## **Autonomic Neurology**

Since the publication of the Institute of Medicine (IOM) report Clinical Practice Guidelines We Can Trust in 2011, there has been an increasing emphasis on assuring that clinical practice guidelines are trustworthy, developed in a transparent fashion, and based on a systematic review of the available research evidence. To align with the IOM recommendations and to meet the new requirements for inclusion of a guideline in the National Guidelines Clearinghouse of the Agency for Healthcare Research and Quality (AHRQ), American Psychiatric Association (APA) has adopted a new process for practice guideline development. Under this new process APA's practice guidelines also seek to provide better clinical utility and usability. Rather than a broad overview of treatment for a disorder, new practice guidelines focus on a set of discrete clinical questions of relevance to an overarching subject area. A systematic review of evidence is conducted to address these clinical questions and involves a detailed assessment of individual studies. The quality of the overall body of evidence is also rated and is summarized in the practice guideline. With the new process, recommendations are determined by weighing potential benefits and harms of an intervention in a specific clinical context. Clear, concise, and actionable recommendation statements help clinicians to incorporate recommendations into clinical practice, with the goal of improving quality of care. The new practice guideline format is also designed to be more user friendly by dividing information into modules on specific clinical questions. Each module has a consistent organization, which will assist users in finding clinically useful and relevant information quickly and easily. This new edition of the practice guidelines on psychiatric evaluation for adults is the first set of the APA's guidelines developed under the new guideline development process. These guidelines address the following nine topics, in the context of an initial psychiatric evaluation: review of psychiatric symptoms, trauma history, and treatment history; substance use assessment; assessment of suicide risk; assessment for risk of aggressive behaviors; assessment of cultural factors; assessment of medical health; quantitative assessment; involvement of the patient in treatment decision making; and documentation of the psychiatric evaluation. Each guideline recommends or suggests topics to include during an initial psychiatric evaluation. Findings from an expert opinion survey have also been taken into consideration in making recommendations or suggestions. In addition to reviewing the available evidence on psychiatry evaluation, each guideline also provides guidance to clinicians on implementing these recommendations to enhance patient care.

## **Medical Management of Psychotropic Side Effects**

Offering an all-encompassing review, this vital reference aids early recognition and improved treatment of medication-induced movement disorders.



## **The Maudsley Practice Guidelines for Physical Health Conditions in Psychiatry**

In line with other volumes in the Neuroscience Perspectives Series, this volume covers the background, pharmacology, molecular biology, and biochemistry of antipsychotic drugs, together with an overview assessment of the therapeutic considerations. Over the past 40 years, the effectiveness of conventional neuroleptic agents for psychotic illness has been offset by a wide range of adverse side-effects, including motor side-effects like parkinsonism. Studies show that lowering doses may still produce the antipsychotic effect while lessening the risk of side-effects. As all available antipsychotic drugs are able to block dopamine, specifically D2 receptors, doses below the threshold level for producing acute motor disorder can still be therapeutically effective. With the identification and characterization of multiple dopamine receptors, the possibility of more selective drugs with better side-effect potential has arisen. Other novel antipsychotic agents include D1 receptor blockers, partial dopamine agonists and non-dopamine drugs such as 5-HT receptor blockers, sigma receptor antagonists and NMDA receptor agonists. This volume reviews both the basic science of the conventional and atypical neuroleptics and their present and potential therapeutic use.

## **Inpatient Geriatric Psychiatry**

An evidence-based board review book, organized according to the ABA keyword list, with concise discussion and clinical review questions and answers.

## **The Maudsley Prescribing Guidelines in Psychiatry**

Prominent neurologists and movement disorders experts from around the world logically and systematically review the major movement disorder emergencies, instructing the reader on how optimally to recognize and manage these problems. The authors comprehensively cover a broad range of disorders, including acute dystonic reactions, neuroleptic malignant syndrome, startle syndromes, and tic emergencies, and stress the importance of certain obvious diagnoses such as Wilson's disease, dopa-responsive dystonia, and Whipple's disease, in which delayed diagnosis in less emergent situations can lead to slowly evolving and often irreversible neurologic damage with tragic consequences. Patient vignettes at the beginning of each chapter focus the reader's attention and highlight the urgency of the problem.

## **Neurologic Differential Diagnosis**

The American Psychiatric Association Practice Guidelines for the Psychiatric Evaluation of Adults

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