

**ECSTASY: THE CLINICAL, PHARMACOLOGICAL  
AND NEUROTOXICOLOGICAL EFFECTS OF THE  
DRUG MDMA**

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# Ecstasy The Clinical Pharmacological And Neurotoxicological Effects Of The Drug Mdma

**Charles S. Grob, Jim Grigsby**



## **Ecstasy The Clinical Pharmacological And Neurotoxicological Effects Of The Drug Mdma:**

*Ecstasy: The Clinical, Pharmacological and Neurotoxicological Effects of the Drug MDMA* Stephen J.

Peroutka,1989-12-31 The variety of viewpoints expressed in this book illustrate the many controversies surrounding MDMA

1 On the one hand the proponents of MDMA use believe this agent offers a unique psychoactive effect that may have important clinical applications especially in the field of psychotherapy On the other hand the scientific data concerning the neurotoxic effects of the drug are unequivocal The most striking feature of the human information of MDMA is the paucity of data that has been generated on the drug since it was patented in 1914 As pointed out by Beck Chapter 6 and others a clear need exists for better epidemiological and clinical data on MDMA In the absence of such data arguments both for and against the continued use of MDMA with humans will be difficult to support Unfortunately the currently available data must be used to develop rational policies for potential human users of MDMA At the present time there are no data indicating that recreational doses of MDMA permanently damage the human brain Nonetheless based on a review of the contents of this book as well as on informal discussions with approximately 200 recreational users of MDMA the following personal observations suggest that MDMA is radically different from other recreational drugs

*Clinical Textbook of Addictive Disorders, Third Edition* Richard J. Frances, Sheldon I. Miller, Avram H. Mack, 2005-05-18 This authoritative work comprehensively examines all aspects of addictive disorders and their treatment Leading researchers and practitioners identify best practices in assessment and diagnosis and provide tools for working with users of specific substances Issues in working with particular populations including polysubstance abusers culturally diverse patients women and older adults are addressed and widely used psychosocial and pharmacological treatment approaches are reviewed An indispensable text for anyone studying or treating these prevalent challenging disorders the book describes ways to tailor interventions to each patient's needs while delivering compassionate evidence based care

*Medical Toxicology of Drug Abuse* Donald G. Barceloux, 2012-02-03 This book provides a broad reference covering important drugs of abuse including amphetamines opiates and steroids It also covers psychoactive plants such as caffeine peyote and psilocybin It provides chemical structures analytical methods clinical features and treatments of these drugs of abuse serving as a highly useful in depth supplement to a general medical toxicology book The style allows for the easy application of the contents to searchable databases and other electronic products making this an essential resource for practitioners in medical toxicology industrial hygiene occupational medicine pharmaceuticals environmental organizations pathology and related fields

**Pursuit of Ecstasy** Jerome Beck, Marsha Rosenbaum, 1994-03-08 The authors have produced the first on the ground study not just clinical or chemical of MDMA

3 4 methylenedioxymethamphetamine or ecstasy as it is frequently designated A psychoactive substance related to both the amphetamines and mescaline MDMA has become popular in recent years as one of the new designer drugs First used in therapeutic treatment its recreational or street use has increased in recent years The authors track the efforts with

psychiatrists and researchers in opposition of the DEA to ban the drug      Neuropsychology and Substance Use Ari Kalechstein, Wilfred G. van Gorp, 2011-03-15 Substance use continues to be a major public health problem and the ramifications of this are manifold For instance at present on a yearly basis the total economic cost of substance misuse is literally hundreds of billions of dollars These costs are related to a number of factors including but not limited to treatment and prevention reduced job productivity and or absenteeism interdiction by the criminal justice and incarceration There are many more psychosocial consequences of substance misuse and these have been well documented over the past four to five decades in contrast with the exception of alcohol the effects of substance misuse on the brain have received attention only in the past 10 to 15 years An emerging body of literature has reported on the effects of various drugs on neuropsychological functioning including benzodiazepines cocaine marijuana MDMA methamphetamine nicotine and opioids Despite the fact that the neuropsychological consequences of many drugs of abuse are well documented to our knowledge no one had previously published an edited volume that focused exclusively on this issue Based on this fact we decided to create a volume that would review the available literature regarding on this topic *Neuropsychology and Substance Misuse State of the Art and Future Directions* explores cutting edge issues and will be of interest to clinical neuropsychologists who require the latest findings in this increasingly important area of neuropsychology      *Clinical Textbook of Addictive Disorders* Richard J. Frances, Sheldon I. Miller, Avram H. Mack, 2011-01-01 This authoritative work comprehensively examines all aspects of addictive disorders and their treatment Leading researchers and practitioners identify best practices in assessment and diagnosis and provide tools for working with users of specific substances Issues in working with particular populations including polysubstance abusers culturally diverse patients women and older adults are addressed and widely used psychosocial and pharmacological treatment approaches are reviewed An indispensable text for anyone studying or treating these prevalent challenging disorders the book describes ways to tailor interventions to each patient's needs while delivering compassionate evidence based care      Drug and Alcohol Abuse Marc A. Schuckit, 2013-03-09 Extensive changes have been incorporated in this fifth edition of *Drug and Alcohol Abuse A Clinical Guide to Diagnosis and Treatment* even though the basic structure is similar to prior versions of this text To help the reader stay current with the most recent developments in the field an estimated 70% of the references offered here are new and were published since 1994 Especially worthy of note are complete revisions of data on epidemiology and extensive updating focusing on new developments in pharmacology An emphasis has been placed on incorporating any new developments in treatment and reflecting the availability of important new findings a new chapter has been added on prevention One thing that hasn't changed is the overall goal of this series *Drug and Alcohol Abuse A Clinical Guide to Diagnosis and Treatment* is structured to be useful in several settings First a clinician can use the information regarding the pattern of problems associated with categories of drugs as a guide while making decisions in emergency situations Second readers interested in treatment can reevaluate what they consider to be

the most appropriate efforts as part of their ongoing therapeutic protocols Finally the background data offered on each category of drugs as well as the extensive references given at the end of each chapter will help people considering entering the alcohol and drug field or those taking university courses on substance use disorders to learn more about these important healthcare problems

NIDA Research Monograph, 1976      **Ecstasy** Brock E. Schroeder, D. J. Trigg, 2009 Presents the history physical properties and physiological effects of the drug Ecstasy trends and attitudes about Ecstasy among teens information about prevention and more

**National Library of Medicine Current Catalog** National Library of Medicine (U.S.), 1990      Adolescent Psychiatry, V. 29 Lois T. Flaherty, 2013-09-05 A special section on adolescent substance abuse highlights Volume 29 of Adolescent Psychiatry Contributions range from an examination of brain myelination in relation to onset of addictive disorders Bartzokis to the screening instruments used to detect substance use disorders Rosner to practical aspects of psychiatric assessment and management of substance abusing adolescents Havivi Topical studies focus on the changing patterns of use and health risks of the designer drug Ecstasy Grob the club drugs gamma hydroxybutyrate and ketamine Miotto et al and adolescent pathological gambling a behavioral disorder with strikingly addictive features Taken together these illuminating essays converge in an appreciation of adolescent substance abuse and addiction in all their biopsychosocial complexity Elsewhere in Volume 29 contributors review neuroimaging studies in an effort to shed light on adolescent psychiatric disorders Day et al reevaluate the construct of borderline personality disorder as it pertains to adolescence Becker Paris and present the encouraging results of a pilot project on the psychodynamic psychotherapy of adolescents with panic disorder Milrod et al A case series on the treatment of hospitalized adolescents who deliberately ingest foreign objects Petti et al and a case study of the cross cultural issues that arose in the therapy of an Asian American adolescent Shen et al enlarge the clinical and cultural scope of the volume True to the legacy of previous volumes in the series Volume 29 of Adolescent Psychiatry brings within its purview all the elements of a multidimensional grasp of adolescent development psychopathology and treatment Neuroscientific findings empirical clinical studies case series and descriptions of clinical approaches all take their place in this illuminating and richly textured collection

*Handbook of Medical Hallucinogens* Charles S. Grob, Jim Grigsby, 2022-11-07 This handbook reviews promising applications of psychedelics in treatment of such challenging psychiatric problems as posttraumatic stress disorder major depression substance use disorders and end of life anxiety Experts from multiple disciplines synthesize current knowledge on psilocybin MDMA ketamine and other medical hallucinogens The volume comprehensively examines these substances neurobiological mechanisms clinical effects therapeutic potential risks and anthropological and historical contexts Coverage ranges from basic science to practical clinical considerations including patient screening and selection dosages and routes of administration how psychedelic assisted sessions are structured and conducted and management of adverse reactions

*Advances in Psychedelic Medicine* Michael J. Winkelman, Ben Sessa MD, 2019-03-22 Researchers program administrators

and practicing clinicians explain the most recent developments in using psychedelic substances to treat psychological physiological and social problems More than a decade ago the U S government lifted its ban on all testing of psychedelic substances Winkelman and Sessa now provide updated scientific research and applications of these substances now moving into approved categories of medicine The text is an up to date assessment of the latest advances in the field of psychedelic medicine covering the use of LSD psilocybin MDMA ayahuasca and other substances to augment psychotherapies for a range of disorders It discusses medical and psychiatric concerns clinical efficacy and safety ethical considerations and neuroscience findings regarding the psychedelic compounds Topics covered include an overview of psychiatric applications of psychedelics treatments for addictions and depressive disorders effects of psychedelics on inflammation and neuroplasticity evidence for clinical applications of DMT ayahuasca and cannabidiol psychedelic treatment of sociopathic disorders microdosing psychedelics training psychedelic therapists and community based harm reduction approaches to managing psychedelic crises

**The Psychedelic Policy Quagmire** J. Harold Ellens, Thomas B. Roberts Ph.D., 2015-08-18 Edited by two preeminent scholars this book provides coverage of the policy issues related to the increasingly diverse treatments practices and applications of psychedelics Hallucinogenic substances like LSD mescaline peyote MDMA and ayahuasca have a reputation as harmful substances that are enjoyed only by recreational users committing criminal acts But leading international researchers and scholars who contributed to this book hold that the use of psychedelic substances for health religious intellectual and artistic purposes is a Constitutional right and a human right Based on that conclusion these scholars focus on policy issues that regulate the use of psychedelic drugs in medicine religion personal life and higher education arguing that existing regulations should match current and anticipated future uses This volume has two parts The first surveys research on the use of psychedelic drugs in medicine religion and truth seeking following these topics through history and contemporary practice The second section treats government policies that regulate the psychological physiological biochemical and spiritual aspects of research and experience in these fields The Psychedelic Policy Quagmire Health Law Freedom and Society challenges medical and legal policy experts ethicists scientists and scholars with the question How can we formulate policies that reduce the dangers of psychedelics misuse and at the same time maximize the emerging diverse benefits

**Never Mind the B#ll\*cks, Here's the Science** Luke O'Neill, 2021-11-04 A number one Irish bestseller and winner of the Popular Non Fiction Book of the Year at the Irish Book Awards In this fascinating and thought provoking book Professor Luke O'Neill grapples with life's biggest questions and tells us what science has to say about them Covering topics from global pandemics to gender addiction to euthanasia Luke O'Neill's easy wit and clever pop culture references deconstruct the science to make complex questions accessible Arriving at science's definitive answers to some of the most controversial topics human beings have to grapple with Never Mind the B ll ocks Here's the Science is a celebration of science and hard facts in a time of fake news and sometimes unhelpful groupthink A celebration of scientific fact in an era

characterised by nebulous subjectivity Irish Times      Substance Abuse Joyce H. Lowinson, 2005 The premier text on substance abuse and addictive behaviors is now in its updated and expanded Fourth Edition with up to the minute insights from more than 150 experts at the front lines of patient management and research This edition features expanded coverage of the neurobiology of abused substances new pharmacologic therapies for addictions and complete information on club drugs such as Ecstasy New sections focus on addiction in children adolescents adults and the elderly and women s health issues including pregnancy The expanded behavioral addictions section now includes hoarding shopping and computer Internet abuse Includes access to a Companion website that has fully searchable text      **The Psychedelic Renaissance** Ben Sessa, 2020-10-29 Praise for Second Edition of The Psychedelic Renaissance Onward intrepid explorer keep your wits while allowing them to be tickled as Dr Sessa leads you into a world of remarkable wonders You are in for a real treat Robin Carhart Harris This new book is a succinct entertaining overview of the emerging Psychedelic Renaissance written by an insider and one of the brightest young architects of this new emerging paradigm Dr Dennis J McKenna With intelligence fact based optimism and compassion Sessa throws open the doors of perception and guides the reader through the complexities of the history pharmacology legality and potential of these miraculous molecules Andy Roberts This new edition of Sessa s The Psychedelic Renaissance will encourage researchers to work in this field to the benefit of our understanding of how the brain works and to develop new approaches to psychiatric disorders David Nutt Dr Ben Sessa prescribes a way forward mainstreaming psychedelics for a world in deep need of spirituality and inspiration The Psychedelic Renaissance is a book that deserves to be widely read Rick Doblin Ben Sessa s energetic review of the research and cultural use of psychedelics provides a unique perspective The way forward is clear we urgently need more scientific research and a rational reform of drug policies Amanda Feilding The Psychedelic Renaissance will inevitably and rightly be seen as an important marker of their assimilation into the cultural mainstream I highly recommend it Ralph Metzner Dr Sessa skilfully chronicles important developments perhaps a turning point in psychiatry and in the understanding of psychedelics in the wider culture This new updated edition of The Psychedelic Renaissance is informative entertaining and timely Michael Mithoefer      **Juvenile Offenders and Mental Illness** Lisa A. Rapp-Paglicci, 2014-04-23 Get the latest research on juvenile offenders who have a mental illness Most youths in the juvenile justice system who have one or more mental disorders do not receive proper treatment or education nor do they serve sentences appropriate for their crimes Juvenile Offenders and Mental Illness I Know Why the Caged Bird Cries takes a detailed look at the latest theories and empirically based information on the causal and recidivism problems youths with mental disorders face in the juvenile justice system Respected experts comprehensively discuss the range of problems found in the assessment of mentally ill juvenile offenders and offer practical effective treatment solutions Juvenile Offenders and Mental Illness explains the cost effective methodologies and presents the latest data on recidivism rates and occurrences of depression Attention Deficit Hyperactivity Disorder ADHD and or alcohol or

substance abuse disorder among delinquent adolescents Research studies also include data gleaned from the application of the Piers Harris Children s Self Concept Scale the Beck Hopelessness Scale and other scales and surveys on participants Other topics include revealing data on the prevalence of lifetime use of Ecstasy MDMA and its effects female shoplifting and its relationship to mental illness incidence of trauma exposure in incarcerated youth and strategies to enhance the effectiveness of interventions The book includes helpful tables to clearly illustrate empirical data and provides detailed references for each chapter Juvenile Offenders and Mental Illness provides the freshest research and insightful discussion on adolescent stalking depression ADHD alcohol substance abuse disorders Post Traumatic Stress Disorder PTSD Ecstasy MDMA use and its association with symptoms of anxiety or depression the impact of mental health treatment intensity on the emotional and behavioral problems of youth in a treatment facility shoplifting by female teens behavioral problems and suicide tendency in youths who have been sexually abused or traumatized effective prevention and the reduction of violence by at risk adolescents Juvenile Offenders and Mental Illness I Know Why the Caged Bird Cries provides vital research data and treatment options for social workers forensic psychologists and those working in the juvenile justice system

**Drugs in Society** Jane Fountain,Dirk J Korf,David Elliman,2019-01-15 This title includes Foreword by Paul Griffiths Scientific Coordinator European Monitoring Centre for Drugs and Drug Addiction EMCDDA Portugal Provocative Stimulating Reflect s the diverse and eclectic nature of drug use in Europe and in doing so makes for a rich reading experience This book is about drug use as a dynamic social behaviour where understanding meaning and motivations and culture and context are as important as understanding the actions of chemicals on the brain or body It clearly illustrates the value of social research as a powerful tool for illuminating subjects that are too often overlooked in the discourse on the drug problem but also reminds us why such a detailed vision is important If you are feeling jaded and uninspired and have forgotten why this topic ever interested you in the first place if you simply want to read something provocative and different that reminds you of why the use of drugs is not only an important policy issue but also a fascinating area for social research this book is for you and these seem to me pretty good reasons for recommending a text Paul Griffiths in the Foreword

**Jahrbuch für transkulturelle Medizin und Psychotherapie** ,1995



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