

# Predictors of Relapse in the Year After Hospital Discharge Among Patients With Schizophrenia

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**Objective:** Relapse and its predictors were examined among patients with schizophrenia in the year after hospital discharge. **Methods:** The sample included 200 patients with schizophrenia participating in a German multicenter study. Relapse was defined as a worsening of psychopathological symptoms or rehospitalization in the year after hospital discharge. Predictors examined were variables related to course of illness and to response and remission at discharge. **Results:** Fifty-

two percent of participants had a relapse. Patients whose symptoms were not in remission at discharge were more likely to have a relapse, as were those who had more severe symptoms and more side effects at discharge. Those who experienced a relapse were less likely to be taking a second-generation antipsychotic at discharge, less likely to have a positive attitude toward treatment adherence, and less likely to be employed. **Conclusions:** The high rate of relapse among patients with schizo-

phrenia highlights the need to improve current treatment strategies. (*Psychiatric Services* 63:87–90, 2012)

For many patients with schizophrenia, the course of illness is characterized by frequent relapses with exacerbations of psychosis, often resulting in the need for rehospitalization (1). Patients with a history of relapse have been shown to have a more complex illness profile, associated with more severe psychopathological symptoms, substance use, impairments in functioning and poor adherence to treatment (2). Research applying recently proposed consensus definitions of outcome to examine the association between the status of patients with schizophrenia at hospital discharge—such as whether they have responded to treatment and whether their symptoms are in remission—and subsequent relapse is scarce.

In addition, clinical implications from earlier studies are limited because many focused only on first-episode patients or used data from randomized controlled trials known to exclude severely ill or suicidal patients. Another difficulty for researchers in this field is the lack of a consensus definition and generally accepted criteria for relapse. For example, a recent review that compared the relapse prevention potential of various antipsychotics noted that 11

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# Predictors Of Relapse In Schizophrenia

**W. Gaebel,A.G. Awad**



## **Predictors Of Relapse In Schizophrenia:**

**Predictors of Relapse in Schizophrenia** Jeffrey A. Lieberman, John M. Kane, 1986      **Adherence to Antipsychotics in Schizophrenia** Emilio Sacchetti, Antonio Vita, Alberto Siracusano, Wolfgang Fleischhacker, 2013-11-27 Poor adherence to therapy is one of the main obstacles to treatment effectiveness in schizophrenia. It is the main determinant of relapse, hospitalization, symptom persistence, and poor psychosocial functioning and outcome. Adherence to treatment is affected by various factors related to the disease characteristics, to the patient, him or herself, to the treatment, and to the therapeutic relationship. Some of these factors are modifiable, and both pharmacological and non-pharmacological strategies have been developed for this purpose. This book addresses the different aspects of adherence to treatment in schizophrenia and related disorders in a systematic but easy-to-use manual format. Chapters focus on a full range of issues, including pharmacological and non-pharmacological strategies to enhance adherence and continuity of care, relevant psychological factors, the importance of the patient-doctor relationship, and the need for an alliance with other care-givers. Adherence to Antipsychotics in Schizophrenia will be an invaluable asset for all who are involved in the care of patients with schizophrenia.      **A Clinical Guide for the Treatment of Schizophrenia** Alan S. Bellack, 2013-06-29 Research on the nature and treatment of schizophrenia has undergone a revival and metamorphosis in the last decade. For a long while, the field had been moribund, weighed down by an unreliable diagnostic system, pessimism about the possibility of new discoveries, and a dearth of research funds. A number of factors have seemingly coalesced to change this situation, with the result that the field is now alive with excitement and optimism. Four factors seem to have played important roles in the resurgence of interest. First, prior to the publication of DSM-III in 1980, there was no reliable diagnostic system for the disorder. Previous definitions were overly general and imprecise. Consequently, the label schizophrenia applied to a very heterogeneous group of severely disturbed patients. It was rarely clear whether two investigators had studied comparable samples, making it impossible to determine if their findings were generalizable or if failures to replicate were due to the unreliability of the results or the fact that the investigators had studied different disorders. DSM-III has not totally resolved this problem, but it has allowed scientists to reliably identify a much more homogeneous group. As a result, it is now possible to integrate the results of different studies, making it much more likely that we can make important advances. The second important factor was the development of new technologies that promised to help uncover the nature and etiology of the disorder.      **Recent Advances in Schizophrenia** Anthony Kales, Costas N. Stefanis, John A. Talbott, 2012-12-06 I am honored to introduce readers to this extraordinary volume, the first in the annual International Perspectives Series in Psychiatry, Psychology, and Neurosciences. This particular volume on Recent Advances in Schizophrenia stems from the Third Annual Pennsylvania Conference on Schizophrenia held in March 1988. At that international meeting, some of the most esteemed researchers in the field surveyed our current understanding of schizophrenia. Collectively, their presentations capture the excitement of a research field launching into a stage of

rapid worldwide advancement The last decade has seen an enormous refocusing of scientific effort on schizophrenia directed in large measure by the National Institute of Mental Health NIMH Our understanding of this mysterious disabling disorder in all its diversity has been enhanced by a host of technologies including new neuroimaging techniques cognitive psychology molecular genetics and anatomical biochemical and molecular neuropathology The resulting growth spurt in our knowledge constitutes the essence of the conference and of this volume As the following pages amply document it has been a decade of great progress one in which we can take great pride The science of our field has matured to the point that a major research thrust is now feasible one likely to have enormous benefits for schizophrenic patients and their families It is a very exciting time to be in this field and to participate in accelerating its advances

**Schizophrenia Bulletin**, 2009 **Predictors of Relapse in First-episode Schizophrenia and Related Psychosis**, 2009 **Ethics in Neurobiological Research with Human Subjects** Adil E. Shamoo, 1996-08-01 The papers included in this book were presented at the Baltimore Conference on Ethics in 1995 The purpose of this conference was to bring together ethicists psychiatrists researchers family members consumers and representatives of government industry and academia to discuss the following issues History and Ethics of Neurobiological Research with Human Subjects Current Practices Informed Consent Government Oversight Institutional Review Boards and the Patient and Family Perspective Over the past 40 years there has been a significant increase in research on neurobiological disorders for basic scientific knowledge and to develop new treatment therapies This has led to significant advances in the treatment of schizophrenia manic depression and other disorders which have improved the lives of thousands Public attention has been raised recently over the potential vulnerability of patients with neurobiological disorders who participate in such research since these patients often s

**Schizophrenia** John G. Csernansky, 2002-01-11 Contains guidelines and recommendations in tabular form for quick reference on patient evaluation and optimal treatment for long term care Based on evidence from recent systematic clinical research studies this comprehensive reference provides the latest information on the assessment diagnosis and treatment of schizophrenia highlighting *Decreasing the Impact of Treatment Resistance in Schizophrenia: Identifying Novel Molecular Targets/ Pathways to Increase Treatment Efficacy* Mirko Manchia, Bernardo Carpiniello, 2020-08-27 **Schizophrenic Psychology** Douglas P. French, 2006 Schizophrenic psychology is the study of mental processes and behaviour of schizophrenics This book presents the latest research in this dynamic field

**The Recognition and Management of Early Psychosis** Henry J. Jackson, Patrick D. McGorry, 2009-02-19 Psychotic illness is managed and treated with best results when it is recognized at the earliest stages of a person developing the disorder or when that person is identified as being at high risk of doing so Describing a stage specific model highlighting the risk the clinical and biological factors present during the development of the illness and the best treatments available for each of these stages this new edition will guide practitioners and researchers in the adoption of carefully planned management strategies fully integrating treatment with prevention Issues such as resistance to drugs and vocational

recovery are covered with related topics such as service organization and community education This will be essential reading for all those involved in the care of people with early psychotic illness or those responsible for the organization of services

*Prediction of Neuroleptic Treatment Outcome in Schizophrenia* W. Gaebel,A.G. Awad,2012-12-06 Prognosis is a core concept in psychiatry This book is concerned with prediction of neuroleptic treatment outcome in schizophrenia from a conceptual and methodological point of view Various aspects of the topic such as definition and measurement of response dimensions of treatment outcome neuropsychological neuropsychopharmacological and neurobiochemical predictors as well as the clinical application of neuroimaging methods and neurogenetics are treated by experts in the field One aim of the book is to summarize the present state of the art in prediction research and thereby to provide a useful compendium Moreover guidelines for future research strategies are formulated

**The Maudsley Guidelines on Advanced Prescribing in Psychosis** Paul Morrison,David M. Taylor,Phillip McGuire,2020-01-21 A guide to treating psychosis that provides information on drug options and side effects in order to allow for weighing treatment options knowledgably The Maudsley Guidelines on Advanced Prescribing in Psychosis offers a resource that puts the focus on the need to treat the individual needs of a patient The authors noted experts on the topic offer an alternative to the one size fits all treatment of psychosis and shows how to build psychiatrist and patient relationships that will lead to effective individual treatment plans The book provides up to date data and information about commonly used anti psychotic drugs and drugs used in bipolar disorder The text weighs both the upsides and downsides of each pharmaceutical presented and helps prescribers and patients weigh the costs and benefits of various options to reach an appropriate treatment plan The authors highlight the treatment at a population level and the systems in which individual treatments take places This important resource Facilitates the tailoring of an appropriate treatment plan for clients manifesting signs of psychosis Offers a comparative strategy that helps gauge the suitability of one treatment plan over another Provides at hand data and information about commonly used anti psychotic drugs Includes an understanding of the origins and side effects of each drug presented The Maudsley Guidelines on Advanced Prescribing in Psychosis offers psychiatrists and other mental health practitioners an essential guide for treating psychosis on an individualized level

**Schizophrenia** Steven E. Hyman,2001-12-21 First published in 2002 Routledge is an imprint of Taylor Francis an informa company

**Schizophrenia** Daniel R. Weinberger,Paul Harrison,2011-07-13 Schizophrenia is one of the most complex and disabling diseases to affect mankind Relatively little is known about its nature and its origins and available treatments are inadequate for most patients As a result there are inevitable controversies about what causes it how to diagnose it and how best to treat it However in the past decade there has been an explosion of new research with dramatic discoveries involving genetic etiology and epidemiological risk factors There has also been a catalog of new drugs coming to market and controversy about the relative advantages and disadvantages of newer compared with older therapies In addition developing technologies in genomics molecular biology and neuroimaging provide streams of new information This book

represents a definitive essential and up to date reference text on schizophrenia It extensively and critically digests and clarifies recent advances and places them within a clinical context The Editors one American and one British highly respected clinical psychiatrists and researchers and acknowledged experts on schizophrenia have again assembled an outstanding group of contributors from the USA UK Europe and Australia It will be of value to practising psychiatrists and to trainees as well as to clinical and neuroscience researchers interested in keeping up with this field or coming into it The book consists of four sections descriptive aspects biological aspects physical treatments and psychological and social aspects It reviews the theoretical controversies over symptomatology classification and aetiology particularly pertinent as DSM V is being developed the relationship of schizophrenia to the other psychoses the significance of positive and negative symptoms and pre morbid personality It describes a variety of approaches to integrating the vast research data about schizophrenia including neurodevelopmental genetic pharmacological brain imaging and psychological findings The biological treatment section reviews the comparative efficacy of various drugs the management of drug resistant patients and both neurological and metabolic complications The final section looks at psychological therapies social outcomes and the economics of schizophrenia Highly Commended in the Psychiatry section of the 2012 BMA Book Awards

**Antipsychotic Long-acting Injections** Peter Haddad,Tim Lambert,John Lauriello,2016-05-10 Antipsychotic Long acting Injections LAIs were introduced in the 1960s to improve treatment adherence in schizophrenia Subsequently first generation antipsychotic LAIs became widely used in many countries Since the initial publication of Antipsychotic Long acting Injections in 2010 new trial data have been published on long acting injection LAI preparations of the drugs Risperidone Paliperidone and Olanzapine Furthermore a new LAI preparation of the drug Aripiprazole has recently been approved for clinical use in the United States and is likely to be approved in Europe soon The second edition of this successful book has been fully updated to include this new data with reference to both observational studies and randomized controlled trials as well as other new developments in the clinical use of antipsychotic LAIs New chapters have been added covering the comparison between oral and injectable antipsychotics Olanzapine LAI Aripiprazole LAI and the practicalities of organizing a specialized clinic for long acting injectable antipsychotics Existing chapters have also been thoroughly updated to take into account the most recently published research Antipsychotic Long acting Injections Second edition brings together clinical and research findings on LAIs in a comprehensive volume with chapters written by international experts

**The Maudsley Prescribing Guidelines in Psychiatry** David M. Taylor,Thomas R. E. Barnes,Allan H. Young,2018-04-12 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

**Early Detection and Management of Mental Disorders** Mario Maj, Juan José López-Ibor, Norman Sartorius, Mitsumoto Sato, Ahmed Okasha, 2005-01-28 Research evidence concerning the precursors a sign or symptom that heralds another and prodromes an early or premonitory symptom of a disease of the various mental disorders is growing but is at present widely dispersed and inaccessible Clinicians have to rely on their own experience which is often limited when faced with several delicate diagnostic and treatment issues This book aims to approach for the first time in a comprehensive way this emerging area of clinical psychiatry The World Health Organisation has found that mental disorders such as depression and psychosis rank in the top 10 of leading causes of disability in the world creating a significant social emotional and economic burden for young people their families and society Early detection of these potentially disabling disorders and treatment at the time of initial onset can greatly improve long term outcomes and effect dramatic cost savings The related Birchwood title has sold nearly 2300 copies and is popular at psychiatry conferences From an R D perspective industry have a stake in this area Obviously if biomarkers or other prodromal evidence can be determined in various disorders then drugs will start to be dispensed earlier The topic has increased in popularity as a subject for satellite symposia e g Jeffrey Lieberman chaired the Bristol Myers Squibb symposia at the American Psychiatric Association This dealt with early intervention in schizophrenia and the need for novel approaches in the prodromal phase In addition more symposia and research look at disorders across the lifespan This phrase indicates an approach to research diagnosis and treatment from a more quality of life vantage and early diagnosis is part of this movement

**Early Detection and Intervention in Psychosis** A. Riecher-Rössler, P.D. McGorry, 2016-01-08 This new volume reviews early detection approaches and possible subsequent interventions for psychosis After introductory chapters

various methods for early detection not only in adults but also adolescents are described In this context the validity of the psychosis high risk state is debated along with whether early detection is indeed helpful or actually stigmatizing for the patient Further contributions review neuroimaging including structural and functional MRI as well as pattern recognition methods and measurement of connectivity abnormalities Neurocognitive and neurophysiological assessments are also discussed in detail The last part focuses on early intervention for emerging psychosis including psychological methods non pharmacological substances and pharmacological treatments Overall conclusions and future perspectives are provided in a final chapter This book is a state of the art review of current options It is important reading for researchers and clinicians faced with recognizing and treating psychosis in the most timely and effective manner possible     Early Psychosis Intervention Helen Lee, 2013-06-01 Taking into account cultural differences between Asian and Western patients this book focuses on delivery of effective treatment at an early stage in psychosis especially for young people It pays particular attention to early intervention programmes established in Hong Kong and Singapore and assesses recent developments in Korea Japan and other countries The volume covers approaches in the management of psychosis including pathway to care stigma and interventions With reference to the experiences of frontline practitioners research findings and theories it highlights the practical needs in non Western healthcare settings Culturally relevant discussions on recovery relapse self harm and comorbid substance abuse are discussed It also covers case studies to illustrate challenges and strategies in managing early psychosis



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