

Cambridge University Press
0521026768 - Functional Psychiatric Disorders of the Elderly
Edited by Edmond Chiu and David Ames
Frontmatter
[More information](#)

‘It is a pleasure to introduce a book which I have found both good reading and a stimulus to think more about the non-organic mental misery which is so common and often so remediable, in old age. I see this volume as a timely exercise in stocktaking. Depression, not dementia is still the commonest mental disorder of old age.’

From the foreword by Tom Arie.

Psychiatry in old age is no longer a field solely concerned with the ‘Everest of Dementia’. Until now, however, the literature has sadly neglected the broad field of mental illness in the elderly which, lacking a demonstrable organic basis, has tended to be called ‘functional’. Professor Chiu and Dr Ames provide us with the first comprehensive text to deal with all the nondementing psychiatric disorders in a practical guide with exhaustive reference for practitioners from all clinical disciplines related to geriatric psychiatry.

‘It is the functional illness in the elderly that we should be able to help now. This text clearly outlines our ‘core knowledge’ about the clinical problems, discusses appropriate treatments and also describes gaps in the knowledge where future research is needed’.

From the concluding overview by Brian Davies.

This multidisciplinary work is of international significance. It links psychiatry and somatic medicine and confronts issues of comorbidity. Mood disorders are the commonest psychiatric illnesses encountered in the elderly and as such they receive the greatest coverage, but the text also focuses on the controversial area of late life paranoid disorder and schizophrenia, the neglected field of neurosis in old age and the emerging problem of substance abuse in the older patient. Several chapters feature case histories to bring the subject into lively focus. All chapters are neatly cross-referenced and rich in practical advice for the multidisciplinary team.

Cambridge University Press
0521026768 - Functional Psychiatric Disorders of the Elderly
Edited by Edmond Chiu and David Ames
Frontmatter
[More information](#)

FUNCTIONAL PSYCHIATRIC DISORDERS OF THE ELDERLY

Cambridge University Press
0521026768 - Functional Psychiatric Disorders of the Elderly
Edited by Edmond Chiu and David Ames
Frontmatter
[More information](#)

FUNCTIONAL PSYCHIATRIC DISORDERS OF THE ELDERLY

Edited by

EDMOND CHIU

*Academic Unit in Psychiatry of Old Age, University of Melbourne,
Victoria, Australia*

DAVID AMES

*Academic Unit in Psychiatry of Old Age, University of Melbourne,
Victoria, Australia*



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press
 0521026768 - Functional Psychiatric Disorders of the Elderly
 Edited by Edmond Chiu and David Ames
 Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS
 Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo

Cambridge University Press
 The Edinburgh Building, Cambridge CB2 2RU, UK

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org
 Information on this title: www.cambridge.org/9780521431606

© Cambridge University Press 1994

This publication is in copyright. Subject to statutory exception
 and to the provisions of relevant collective licensing agreements,
 no reproduction of any part may take place without
 the written permission of Cambridge University Press.

First published 1994
 This digitally printed first paperback version 2006

A catalogue record for this publication is available from the British Library

Library of Congress Cataloguing in Publication data

Functional psychiatric disorders of the elderly / edited by Edmond
 Chiu and David Ames.

p. cm.

Includes an index.

ISBN 0-521-43160-3 (hardback)

1. Geriatric psychiatry. 2. Aged – Mental health. I. Chiu,
 Edmond. II. Ames, David.

[DNLM: 1. Mental Disorders – in old age. WT 150 F979 1994]

RC451.4.A5F86 1994

618.97'689 – dc20

DNLM/DLC

for Library of Congress 93-33740 CIP

ISBN-13 978-0-521-43160-6 hardback

ISBN-10 0-521-43160-3 hardback

ISBN-13 978-0-521-02676-5 paperback

ISBN-10 0-521-02676-8 paperback

Cambridge University Press
0521026768 - Functional Psychiatric Disorders of the Elderly
Edited by Edmond Chiu and David Ames
Frontmatter
[More information](#)

This book is gratefully dedicated to those psychiatrists in every continent,
who have pioneered the work of geriatric psychiatry, paving the way for our
generation.

Contents

List of contributors	<i>page</i> xiii
Preface	xix
Introduction – A personal note	
<i>Tom Arie</i>	xxi
Acknowledgement	xxv
Part 1 Classification	1
1 Functional psychiatric disorders in ICD 10	
<i>Norman Sartorius, T. Bedirhan Üstün</i>	3
2 The classification of functional psychiatric disorders in DSM-III-R and DSM-IV	
<i>Peter Rabins, Marshal Folstein</i>	16
Part 2 General epidemiology	29
3 Epidemiology in the study of functional psychiatric disorders of the elderly	
<i>Robin Eastwood</i>	31
Part 3 Neuroses	45
4 Panic disorders in the elderly	
<i>Fiona Judd, Graham Burrows</i>	47
5 Obsessive–compulsive disorder in the elderly	
<i>John Tiller</i>	62
6 Generalized anxiety and phobic disorders	
<i>James Lindsay, Sube Banerjee</i>	78
Part 4 Affective disorders	93
7 The epidemiology of affective disorders in old age	
<i>John Snowdon</i>	95
8 The outcome of depressive illness in old age	
<i>Peter Burvill</i>	111

x	<i>Contents</i>	
9	Pseudodementia in geriatric depression <i>Rotimi Bajulaiye, George S. Alexopoulos</i>	126
10	Depression in nursing and residential homes <i>David Ames</i>	142
11	Depression in primary care settings <i>Martin Blanchard, Anthony Mann</i>	163
12	Treatment of depression in the elderly <i>Henry Brodaty, Kaarin Anstey</i>	177
13	Mania in late life: conceptual and clinical issues <i>Ken Shulman</i>	212
14	Suicide in the elderly <i>Ajit Shah, Thirunavukarasu Ganesvaran</i>	221
	Part 5 Psychosexual disorders	245
15	Psychosexual disorders <i>John Kellett</i>	247
	Part 6 Substance use and abuse	267
16	Substance use and abuse <i>Stephen Ticehurst</i>	269
	Part 7 Schizophrenia and related psychoses	285
17	The elderly with schizophrenia <i>Heinz Häfner, Martin Hambrecht</i>	287
18	Late onset paranoid disorders: Part I Coming to terms with late paraphrenia <i>Oswaldo Almeida, Robert Howard, Hans Förstl, Raymond Levy</i>	303
	Part II Paraphrenia, schizophrenia or? <i>Peter Rabins, Godfrey Pearlson</i>	316
19	Community or asylum? finding a place to care for the elderly psychiatric patient <i>Chris Gilleard</i>	326
	Part 8 Psychological, biological and medical issues	341
20	A developmental psychology of old age <i>Sid Williams</i>	343
21	The biology of functional psychiatric disorders <i>Michael Philpot</i>	355
22	Brain imaging in functional psychiatric disorders of the elderly <i>Robert Howard, Barbara Beats</i>	377
23	Medical co-morbidity: presentation in a general hospital setting <i>Brice Pitt</i>	389

<i>Contents</i>		xi
24	Psychiatric aspects of cerebro-vascular disease <i>Peter Burvill</i>	407
Part 9 Treatment methods		425
25	Geriatric psychopharmacology <i>Brian Leonard</i>	427
26	Electro-convulsive therapy in later life <i>Susan Benbow</i>	440
27	Family therapy <i>Barbara Knothe, Peter McArdle</i>	461
28	Group therapy in the elderly <i>Sanford Finkel, Paul Metler, Wendy Wasson, Karen Berte, Nancy Bailey, Diane Brauer, James Gandy</i>	478
29	Integrated psychotherapy of the elderly <i>Joel Sadavoy</i>	499
30	Management of the treatment team in a multidisciplinary framework <i>Edmond Chiu</i>	518
31	Occupational therapy <i>Kristine Alexander</i>	522
32	Nursing management <i>Jan Tinney</i>	544
33	Social work and the psychiatry of late life <i>Elizabeth Ozanne</i>	561
34	Music therapy <i>Ruth Bright</i>	580
35	Physiotherapy <i>Karen Webster, Joan McMeeken</i>	594
Part 10 Conclusion		603
	A concluding overview <i>Brian Davies</i>	605
	Index	608

List of contributors

Kristine J. Alexander BAppSci (OT)

Formerly Senior Occupational Therapist, Geriatric Psychiatry Services,
Eastern Suburbs Geriatric Centre, Melbourne, Australia

George S. Alexopoulos MD

Professor of Psychiatry, Cornell University Medical College, White Plains,
New York, USA

Oswaldo P. Almeida MD

Institute of Psychiatry, Section of Old Age Psychiatry, London, UK

David Ames BA, MD, MRCPsych, FRANZCP

Senior Lecturer in Psychiatry of Old Age, University of Melbourne, Australia

Kaarin Anstey BA (Hons)

Research Officer, Academic Department of Psychogeriatrics, Prince Henry
Hospital, Sydney, Australia

Tom Arie MA, BM, FRCP FRCPsych, FFPHM, FRCP

Professor of Health Care of the Elderly, University of Nottingham, UK

Nancy Bailey LCSW

NorthWestern Memorial Hospital, Chicago, USA

Rotimi Bajulaiye MD, MPH

Assistant Professor of Psychiatry, Cornell University Medical College,
White Plains, New York, USA

Sube Banerjee MBBS, MRCPsych

Research Fellow in Psychiatry, United Medical and Dental School, Guy's
Hospital Campus, London SE1, UK

Barbara Beats MBBS, MRCP, MRCPsych

Senior Registrar, Maidstone Hospital, Kent, UK

Susan Benbow MB, ChB, MSc, MRCPsych

Consultant Psychiatrist for the Elderly, Central Manchester Health Authority, Manchester Royal Infirmary, Manchester, UK

Karen Berte PhD

NorthWestern Memorial Hospital, Chicago, USA

Martin Blanchard BSc, MRCPsych

Senior Registrar, Maudsley Hospital, London, UK

Diane Brauer LCSW

NorthWestern Memorial Hospital, Chicago, USA

Ruth Bright AM, BMusc, RMT

Music Therapist, Wahroonga, New South Wales, Australia

Henry Brodaty MBBS, MD, FRACP, FRANZCP

Professor of Psychogeriatrics, University of New South Wales, Australia

Graham Burrows AO, MD, ChB, BSc, DPM, FRANZCP, FRCPsych

Professor/Director, University of Melbourne Department of Psychiatry, Austin Hospital, Melbourne, Australia

Peter Burvill MD, FRANZCP, FRCPsych, FRCPE, MFCM

Professor of Psychiatry, Department of Psychiatry and Behavioral Sciences, Queen Elizabeth II Medical Centre, Perth, Australia

Edmond Chiu AM, MBBS, DPM, FRANZCP

Associate Professor, Academic Unit in Psychiatry of Old Age, University of Melbourne, Australia

Brian Davies MD, FRCP, FRACP, FRANZCP, FRCPsych, DPM, DCH

Emeritus Professor of Psychiatry, University of Melbourne, Australia

Robin Eastwood MD, FRCP(C), FRCPsych

Professor of Psychiatry, Professor of Preventive Medicine & Biostatistics, University of Toronto, Director, Neuroepidemiology Research Unit, Clarke Institute, Toronto, Canada

Sanford I. Finkel MD

Director, Gero-Psychiatry Services, NorthWestern Memorial Hospital, Chicago; Associate Professor NorthWestern University Medical School; Associate Director Buehler Center on Aging of NorthWestern University

Medical School and Past President, International Psychogeriatric Association, USA

Marshal F. Folstein MD

Professor and Chairman, Department of Psychiatry, Tufts University School of Medicine, Boston, USA

Hans Förstl MD, MADAC

Head of the EEG-Laboratory, Director Alzheimer's Disease Research Program, Central Institute of Mental Health, Mannheim, Germany

James Gandy DO

NorthWestern University Medical School, Chicago, USA

Thirunavukarasu Ganesvaran MBBS, DPM, FRCPsych

Consultant Psychiatrist, North Eastern Metropolitan Psychiatric Services, Melbourne, Australia

Chris Gilleard PhD

Head of Psychology Services, Springfield Hospital and Senior Lecturer in Psychology of Old Age, St. George's Hospital Medical School, London, UK

Heinz Häfner MD, PhD, Drs. hc

Professor of Psychiatry at the University of Heidelberg, Head of the Central Institute of Mental Health in Mannheim, Germany

Martin Hambrecht MD, PhD

Clinical Psychiatrist and Senior Scientist, Central Institute of Mental Health in Mannheim, Germany

Robert Howard MA, MBBS, MRCPsych

Lecturer, Section of Old Age Psychiatry, Institute of Psychiatry, London, UK

Fiona Judd MBBS, DPM, MD, FRANZCP

Associate Professor, University of Melbourne, Department of Psychiatry, Austin Hospital, Melbourne, Australia

John Kellett MA (Cantab), MB, BChir, DPM, FRCP, FRCPsych

Division of Geriatric Medicine, St George's Hospital, London, UK

Barbara Knothe MBBS, DPM, FRANZCP

Consultant Psychiatrist, Melbourne, Australia

Brian Leonard PhD, DSc, MRIA

Professor of Department of Pharmacology, University College, Galway, Ireland

Raymond Levy PhD, FRCP, FRCPsych

Professor of Old Age Psychiatry, Institute of Psychiatry, London, UK

James Lindesay MA, DM, MRCPsych

Professor of Psychiatry for the Elderly, University of Leicester, UK

Anthony Mann MD, MPhil, FRCP, FRCPsych

Professor of Epidemiological Psychiatry, Institute of Psychiatry and Royal Free Hospital School of Medicine, London, UK

Peter McArdle MB, BS, DPM, FRANZCP

Former Director of Geriatric Psychiatry, Eastern Suburbs Geriatric Centre, Melbourne, Australia

Joan M. McMeeken DipPhysio, BSc(Hons), MSc, MAPA

Professor and Head, School of Physiotherapy, University of Melbourne, Australia

Paul Metler PsyD

Clinical Psychologist, NorthWestern Memorial Hospital, Chicago, USA

Elizabeth Ozanne BA, Dip Soc Studs, MSW, MA, PhD

Senior Lecturer, School of Social Work, University of Melbourne, Australia

Godfrey Pearlson MBBS

Director of Division of Psychiatric Neuro-imaging and Professor, Departments of Psychiatry and Mental Hygiene, Johns Hopkins University School of Medicine, Baltimore, USA

Michael Philpot BSc, MBBS, MRCPsych

Consultant and Senior Lecturer in Psychogeriatrics, Guy's and St Thomas' NHS Trust, London, UK

Brice Pitt MD, FRCPsych

Professor, Academic Unit in Psychiatry of Old Age, St Charles Hospital, London, UK

Peter Rabins MD

Associate Professor of Psychiatry, Johns Hopkins University School of Medicine, Baltimore, USA

Joel Sadavoy MD, DipPsych, FRCP(C)

Associate Professor of Psychiatry, University of Toronto, Head, Division of Geriatric Psychiatry, University of Toronto, Canada

- Norman Sartorius MD, MA, DPM, PhD, FRCPsych.**
Director, Division of Mental Health, World Health Organization, Geneva,
Switzerland. President-Elect, World Psychiatric Association.
- Ajit Shah MB, ChB, MRCPsych**
Consultant Psychiatrist, North Eastern Metropolitan Psychiatric Services,
Melbourne, Australia
- Kenneth I. Shulman MD, SM, FRCPsych, FRCP(C)**
Head, Department of Psychiatry, Sunnybrook Health Science Center,
University of Toronto, Canada
- John Snowdon FRANZCP, FRCPsych, FRACP, MPhil**
Area Director of Psychogeriatric Services, Central Sydney Health Service,
Australia
- Stephen Ticehurst MBBS, FRANZCP**
Director, Psychogeriatric Services, Hunter Area Health Service, Clinical
Lecturer in Psychiatry, University of Newcastle, UK
- John Tiller MD, MB, ChB, BSc, DPM, FRACP, FRANZCP**
Associate Professor, Department of Psychiatry, University of Melbourne,
Australia
- Jan Tinney RPN, RN**
Nurse Unit Manager, Geriatric Psychiatry Service, Royal Park Hospital,
Melbourne, Australia
- T. Bedirhan Üstün MD**
Scientist, Division of Mental Health, World Health Organization, Geneva,
Switzerland
- Wendy Wasson PhD**
NorthWestern Memorial Hospital, Chicago, USA
- Karen D. B. Webster BAppSc.(Physiotherapy), Grad Dip Movement & Dance,
Grad Dip Health Education, MAPA**
Senior Physiotherapist, Heatherton Hospital, Heatherton, Victoria, Australia
- Sid Williams MBBS, FRANZCP**
Lidcombe Hospital, Sydney, Australia

Preface

The Geriatric Psychiatry Section of the World Psychiatric Association held its 1990 Symposium in Melbourne, Australia, with the theme of 'Functional Psychiatric Disorders in the Elderly'. Having regard to the constant exposure of dementia in recent conferences all over the world, it was noted that the functional psychiatric disorders had received far less attention. As any practising clinician in geriatric psychiatry can readily attest to the number of patients whose functional psychiatric disorder requires attention, such a situation of neglect requires some redress.

Cambridge University Press, through the perspicacity and energy of Dr Richard Barling noted this conference theme and requested E. C. to make a proposal for the publication of a multi-authored volume on this subject. D. A. agreed to be a co-editor to accomplish the task. Some individual chapter authors were recruited on the basis of papers presented at the Melbourne Symposium, while others who had been unable to attend that meeting were invited to contribute because of their acknowledged expertise in particular areas which the editors considered pertinent to the theme of this text.

The editors are very grateful to the chapter authors, who took to the task given to them with goodwill and enthusiasm.

In the process of planning this book the term 'functional' exercised our minds as, in the context of geriatric psychiatry, such terms give rise to considerable debate. As early as 1971, Tom Arie noted 'There is nothing to be gained and a lot to be lost by thinking separately of organic and functional disorders; even were such a distinction always clinically realistic, which it is not'. We sought suggestions for alternative titles from all chapter authors but there was clear consensus that at present there is no term that can easily replace the word 'functional'. Other terms suggested were more cumbersome, inelegant and lacked clarity. Therefore, until a better term emerges (as it inevitably will) we have chosen to keep this word in temporary usage.

We hope that this volume will provide the first book to deal exclusively with all

the non-dementing psychiatric disorders for practitioners from all clinical disciplines related to geriatric psychiatry. We have aimed the book to help clinicians in their day-to-day practice. Thus there is an extensive section devoted to multidisciplinary management strategies, which in other volumes have not been given such prominence. We have also attempted to highlight the interface between psychiatry, somatic medicine and the issues of co-morbidity which confront clinicians. The relative lack of information in the area of neurosis in the elderly is highlighted by the chapter authors, while the chapters on psychotherapeutic treatment strategies address an area which has suffered marked neglect to date. Most authors have indicated potential directions for future research, and as academic geriatric psychiatrists, we will feel privileged if this book prompts further research on the functional psychiatric disorders of old age.

It would delight us if this book rapidly became outdated as geriatric psychiatry advances towards a more sophisticated and dynamic understanding of these disabling disorders.

Edmond Chiu
David Ames
Melbourne

Reference

Arie, T. (1971). Morale and the planning of psychogeriatric services. *British Medical Journal*, 3, 166–70.

Introduction: A personal note

TOM ARIE

This book originates in Australia, but it is of international significance. Deriving from a World Psychiatric Association meeting hosted in Melbourne, this is no mere text of conference proceedings; Edmond Chiu and David Ames have used the theme of that conference as the basis for a carefully planned series of commissioned contributions to a well-structured book.

The early years of psychogeriatrics were dominated, rightly and inevitably, by the 'Everest of dementia'. It is evidence of the maturity and confidence of this branch of psychiatry (now an official subspecialty in the United Kingdom) that it here steps back from its concern with the insistent burden of the organic psychosyndromes, and focuses on the hugely important functional disorders of old age. Dementia in its most obvious manifestations obtrudes itself in a way which is hard (though too often still not impossible) to ignore; the sometimes more personal misery of functional mental disorders is too easy to overlook, or to confront inadequately amid the pressure of the needs of sufferers from the organic disorders and those who look after them.

Yet there were times when it was to functional illness that most of the attention of those working in the field of old age mental disorder was being given; prognosis here is generally better, the course often (not always) shorter, and the gratifications of successful treatment more direct. Today, the nettle of the dementias has generally been firmly grasped, but most 'psychogeriatricians' now see themselves as psychiatrists to the elderly, dealing with organic and functional disorders alike, and recognizing that both types of disorder (and sorting the components of one from the other) are part of the responsibility of good old age psychiatry services.

A much earlier World Psychiatric Association symposium, which took place well before old age psychiatry had become defined as a discrete branch of psychiatry, focused on the mental disorders of old age, and in a book (which is now a collector's item) arising out of that meeting, attention was given alike to the functional and organic disorders (WPA 1965). A quarter of a century later, psychogeriatric services have developed with vigour in most developed countries

– even as they are beginning to do in the third world (as I write a request arrived for help with planning psychogeriatrics in Indonesia).

Research too has moved apace, and is by no means confined to clinical psychiatry. It is clear that the relevant basic sciences have a crucial contribution, as do the many other applied specialties and professions which have contributed richly to the growth of knowledge. Progress has of late been greater in understanding the organic disorders of old age, and in the functional disorders the basic science disciplines have so far contributed rather less, and are consequently less prominent in this book than they would have been in a text on the dementias; yet it is surely reasonable to expect that the basic sciences will soon be contributing as richly to this field as they have already done towards unravelling the organic syndromes.

Several chapters in this book are concerned with the relationship between functional and organic factors in the brain disorders in old age. Much of what we took for granted about the relationship, for example, of depression and organic brain disorders has had to be rethought, and few firm conclusions are yet available. It is clear that research in this area will be much aided by greater access to powerful new techniques, ranging from molecular biology to brain imaging. Thus, new light has begun to be shed on the role of organic brain changes in paranoid states in old people: long reported, this has only of late been the subject of study by the newer imaging techniques.

At the other pole from basic science research is practical provision of services. This book is strong on this topic, both in its emphasis on, and in the range of contributions from, the different members of the mixed team. Like most research, services are rarely effective if they are not rooted in teamwork: this text is in some measure a handbook of good teamwork.

Perhaps these introductory words should mention a topic which impinges on several of the book's themes. I refer to the 'graduates' – the chronic psychotics who have 'graduated' into old age with their disease, often over decades spent in large institutions, or hovering around their edges. The natural history of schizophrenia as the sufferer ages, and the implications and options for local services – and the sometimes vexed question whether this large group of elderly people should all be wholly looked after by local psychogeriatric services – all these are important questions. This topic has recently been well tackled by Campbell (1991), and there is not much at present that can now be added; but the issue persists.

I see this volume as a timely exercise in stocktaking. Depression, not dementia, is still the commonest mental disorder of old age – and despite the inroads of dementia at very high ages, the prevalence of depression remains as high among the 'old old' as the 'young old'. This book is important as a reminder of these matters, and as evidence of the enormous growth in interest and knowledge in the

Introduction

xxiii

quarter of a century since that 1965 WPA symposium in London. It is satisfying that the book should have originated from the initiative of colleagues in Australia, where psychogeriatrics flourishes and where developments move hand in hand with those in the rest of the world, as the list of contributors demonstrates. But the invitation to introduce the book is particularly gratifying to one who has been able to follow, and even share a little, in the development of our discipline in Australia and New Zealand from its beginnings. Five years ago I had the good fortune to be present at the inauguration of the Specialist Section on Old Age Psychiatry in the Royal Australian and New Zealand College of Psychiatrists, and I am grateful for the frequent and generous hospitality of colleagues in those countries. It is a pleasure to introduce a book which I have found both good reading, and a stimulus to think more about the non-organic mental misery which is so common, and often so remediable, in old age.

References

- Campbell, P. G. (1991). Graduates. In *Psychiatry in the Elderly*, ed. by R. Jacoby & C. Oppenheimer, Oxford: Oxford University Press.
- World Psychiatric Association (1965). *Psychiatric Disorders in the Aged*. Manchester: Geigy.

Tom Arie
Professor of Health Care of the Elderly
University of Nottingham
Past Chairman, Geriatric Psychiatry Section, World Psychiatric Association

Acknowledgement

Dr Richard Barling of Cambridge University Press has been, since the conception of this volume, most supportive and encouraging. Mrs Roz Seath has tirelessly liaised with chapter authors, organized material received and typed the manuscript and gave unstinting support, especially to E. C. Mrs Yvonne Liddicoat provided excellent secretarial support to D. A.