

List of Contributors	xi
Preface	xix
Preface to First Edition	xxi

PART A HISTORICAL BACKGROUND 1

1	A Conceptual History in the Nineteenth Century	3
	<i>G. E. Berrios</i>	
2	Scope and Development in the Twentieth Century	7
	<i>E. W. Busse</i>	
3	The Development in Britain	9
	<i>Tom Arie</i>	
4a	The Development in the USA, 1600–1900	13
	<i>W. A. Achenbaum, C. Cederquist, V. Kahl and K. Rosenberg</i>	
4b	In the Beginning	15
	<i>The Late F. Post</i>	

PART B NORMAL AGEING 17

B1 Theories of Ageing

5	General Theories of Aging	19
	<i>E. W. Busse</i>	

BII Brain Ageing

6	Structural Changes in the Aging Brain	23
	<i>G. Mazeika and P. M. Doraiswamy</i>	
7	Anatomy of the Ageing Brain	25
	<i>J. T. Campbell III and C. E. Coffey</i>	
8	Quantitative Structural Changes in the Ageing Brain	45
	<i>Bente Pakkenberg, Lisbeth Regeur and Hans Jørgen G. Gundersen</i>	
	Potential Regeneration of the Ageing Brain	47
	<i>S. B. Dunnett</i>	
	Hippocampal Changes and Memory Impairment in Normal People	49
	<i>J. T. O'Brien</i>	
9	Neuroendocrinology of Ageing	51
	<i>R. A. Burns and M. T. Abou-Saleh</i>	

Contents

- 10 Neurophysiology of Ageing as Reflected by Electroencephalogram (EEG) and Event-related Potentials (ERPs) 57**
D. H. R. Blackwood, W. J. Muir and H. Forstl
- 11 Pharmacokinetic and Pharmacodynamic Considerations in Old Age Psychopharmacology 61**
F. Schifano

BIII Psychology of Ageing

- 12 Normal Ageing—A Problematical Concept 65**
D. B. Bromley
Cohort Studies 68
P. Rabbitt
- 13 Chronological and Functional Ageing 71**
J. M. Guralnik and D. Melzer
Health Expectancy: Monitoring Changes in Population Health 74
C. Jagger
- 14 Life Satisfaction 75**
L. K. George

BIV Sociology of Ageing

- 15 The Normal Aged among Community-dwelling Elders in the UK 79**
C. Victor
Do Life Events Seem Less Stressful to the Old? 82
A. D. M. Davies
Support Networks 83
G. C. Wenger
- 16 World Statistical Trends and Prospects 87**
G. C. Myers
Demography of the Old: Implications of Recent Trends 90
E. Grundy

PART C ABNORMAL AGEING 93

- 17 The Influence of Social Factors on Mental Health 95**
D. Mechanic and D. D. McAlpine
- 18 The Natural History of Psychiatric Disorders: Early-onset Disease in Late Life and Late-onset Illness 99**
J. Hays
- 19 Mortality and Mental Disorders 103**
M. E. Dewey

- 20 Long-term Outcome Studies of Psychiatric Disorders: Methodological Issues and Practical Approaches to Follow-up 105**
A. Stueve, J. Toner and A. V. Quismorio

PART D DIAGNOSIS AND ASSESSMENT 109

DI Epidemiology, Diagnosis and Nosology

- 21 The Importance of Multidimensional Assessment in Clinical Practice 111**
M. R. Eastwood and A. Desai
- 22 Classification of Dementia and Other Organic Conditions in ICD-10 113**
A. Jablensky and J. E. Cooper
- 23 Psychiatric Diagnosis and Old Age: New Perspectives for "DSM-IV-TR" and Beyond 117**
E. D. Caine

DII Clinical Assessment

- 24 History and Mental Status Examination 123**
H. N. Richards and G. J. Maletta
- 25 The Physician's Role 127**
L. Young

DIII Standardized Methods and Rating Scales

- 26 Needs and Problems 133**
B. J. Gurland
- 27 Non-computerized Assessment Procedures: Fundamental Assessment Issues 137**
P. Logue
Short Assessment Scales
Mini-Mental State Examination 140
J. Cockrell and M. Folstein
IQCODE: Informant Interviews 141
A. F. Jorm
Staging Dementia 142
B. Reisberg, G. Gandrota, A. Zaidi and S. H. Ferris
Psychogeriatric Assessment Scales 146
A. F. Jorm
- 28 Computer Methods of Assessment of Cognitive Function 147**
T. W. Robbins and B. J. Sahakian
- 29 The Assessment of Depressive States 153**
T. R. Thompson and W. M. McDonald
The Geriatric Depression Scale: Its Development and Recent Application 157
R. O'Hara and J. A. Yesavage
Center for Epidemiologic Studies Depression Scale: Use among Older Adults 158
D. G. Blazer
- 30 The Development of the EURO-D Scale 159**
M. Prince

- 31 Interviews Aimed at Differential Psychiatric Diagnosis**
GMS—HAS—AGECAT Package 161
J. R. M. Copeland
CAMDEX 162
D. W. O'Connor
- 32 Assessment of Daily Living 165**
K. H. Asberg
- 33 Rating Scales Designed for Nurses and Other Workers 169**
K. C. M. Wilson, B. Green and P. Mottram
- 34 Comprehensive Interviews**
OARS Methodology 173
G. G. Fillenbaum
The Comprehensive Assessment and Referral Evaluation (CARE): An Approach to Evaluating Potential for Achieving Quality of Life 174
B. Gurland and S. Katz

PART E ORGANIC DISORDERS 177

EI Delirium

- 35 Delirium—An Overview 179**
A. F. Fairburn
Delirium in Institutions 182
B. Kamholz and C. Colenda
Prognosis of Delirium 183
A. Treloar

EII Dementia

- 36 Nosology of Dementia 185**
I. Skoog and J. R. M. Copeland
Cross-national Inter-rater Reliability of Dementia Diagnosis 189
D. W. O'Connor
- 37 Early Detection 191**
S. Henderson
- 38 Dementia Epidemiology: Prevalence and Incidence 195**
A. F. Jorm
- 39 Case-control Studies 199**
S. Henderson
Results from EURODEM Collaboration on the Incidence of Dementia 200
L. J. Launer, for the EURODEM Incidence Research Group
MRC/DoH Cognitive Function and Ageing Study 202
J. Nickson, C. F. M. McCracken and C. Brayne, on behalf of MRC CFAS
- 40 The Epidemiology of Alzheimer's Disease: An Update 205**
L. J. Launer
The Lundby Study, 1947–1997 208
P. Nettelbladt, O. Hagnell, L. Öjesjö, L. Otterbeck, C. Mattisson, M. Bogren, E. Hofvendahl and P. Toräker

Nutritional Factors in Dementia 210

D. N. Anderson and M. T. Abou-Saleh

EIII Alzheimer's Disease

41 The Genetics of Alzheimer's Disease 213

B. L. Plassman and J. C. S. Breitner

The Role of Presenilins in Alzheimer's Disease 217

D. M. A. Mann

Apolipoprotein-E (Apo-E) 218

D. G. Blazer

Down's Syndrome and Alzheimer's Disease: Update 219

D. W. K. Kay and B. Moore

International Criteria for Alzheimer's Disease and Their Problems—ICD-10, DSM-IV and NINCS-ADRDA 221

K. Rockwood

42 The Neuropathology of Alzheimer's Disease 223

D. M. A. Mann

Oxford Project to Investigate Memory and Ageing (OPTIMA): A Longitudinal Clinicopathological Study of Dementia and Normal Ageing 227

A. D. Smith

Consortium to Establish a Registry for Alzheimer's Disease (CERAD) 228

G. G. Fillenbaum and A. Heyman

43 Neurotransmitter Changes in Alzheimer's Disease: Relationships to Symptoms and Neuropathology 229

P. T. Francis and E. K. Perry

44 Antemortem Markers 233

*S. J. Van Rensberg, F. C. V. Potocnik
and D. J. Stein*

45 Clinical Features of Senile Dementia and Alzheimer's Disease 237

B. Pitt

46 Assessment and Management of Behavioural and Psychological Symptoms of Dementia (BPSD) 241

R. McShane and N. Gormley

Eating Disorders in Alzheimer's Disease 245

P. E. Cullen and C. Ballard

EIV Vascular Dementia

47 Pathology of Vascular Dementia 247

J. M. MacKenzie

International Criteria for Vascular Dementia and Their Problems: ICD-10, DSM-IV, ADDTC and NINDS-AIREN 249

J. V. Bowler and V. Hachinski

48 Vascular Dementia 251

P. Humphrey

Vascular Dementia Subgroups: Multi-infarct Dementia and Subcortical White Matter Dementia 255

I. Skoog

The Role of Blood Pressure in Dementia 256

I. Skoog

EV Other Dementias

- 49 Neuropathology: Other Dementias 259**
J. M. MacKenzie
- 50a Dementia and Parkinson's Disease 265**
R. B. Godwin-Austen
Clinical Criteria for Dementia with Lewy Bodies 268
I. G. McKeith
- 50b Subcortical Dementia 269**
J. R. Burke
- 50c Early-onset Dementias 273**
G. Mazeika
- 51a Creutzfeldt-Jakob Disease and Other Degenerative Causes of Dementia 277**
T. F. G. Esmonde
- 51b Frontotemporal Dementia (Pick's Disease) 281**
J. R. Hodges
- 52 Alcoholic and Other Toxic Dementias 285**
E. M. Joyce
- 53 Reversible Dementias 289**
M. Philpot and J. Pereira

EVI Clinical Diagnosis of the Dementias

- 54 Differential Diagnosis of Dementia 293**
C. Busby and A. Burns
- 55a Distinguishing Depression from Dementia 297**
W. E. Fox and D. C. Steffens
- 55b Benign Senescent Forgetfulness, Age-associated Memory Impairment and Age-related Cognitive Decline 303**
K. A. Welsh-Bohmer and D. J. Madden

EVII Outcome of the Dementias and Subtypes

- 56 Minor Cognitive Impairment 305**
K. Ritchie and J. Touchon
Alzheimer's Disease—One or Several? 307
C. Holmes and A. H. Mann
Prognosis of Dementia 308
B. Reisberg, A. Kluger and E. Franssen

EVIII Treatment and Management of Dementias

- 57 Acute Management of Dementia 313**
B. Pitt
- 58a Present and Future Treatments of Alzheimer's Disease 317**
L. J. Whalley and J. M. Starr
- 58b Possible Future Treatments and Preventative Strategies for Alzheimer's Disease 325**
S. Lovestone
- 59a Psychological and Psychosocial Interventions 327**
E. Miller
- 59b Informal Carers and Their Support 331**
D. Buck
The Role and Influence of the Alzheimer's Society 334
N. Graham

- 88 The Management of Acute Mania 483**
J. L. Beyer and K. R. R. Krishnan

PART G SCHIZOPHRENIC DISORDERS AND MOOD-INCONGRUENT PARANOID STATES 491

- 89 Late-life Psychotic Disorders: Nosology and Classification 493**
L. T. Eyler Zorrilla and D. Jeste
- 90 Clinical Assessment and Differential Diagnosis 497**
D. N. Anderson
- 91 Aetiology, Genetics and Risk Factors 503**
D. J. Castle and R. M. Murray
Brain Imaging in Schizophrenia-like and Paranoid Disorders in Late Life 508
R. Howard
- 92 Schizophrenic Disorder and Mood-incongruent Paranoid States: Epidemiology, Prevalence, Incidence and Course 511**
R. Howard
- 93 The Fate of Schizophrenia with Advancing Age: Research Findings and Implications for Clinical Care 513**
R. Howard
- 94 Rehabilitation and Long-term Management 517**
R. Pugh
- 95 Treatment of Late-onset Psychotic Disorders 521**
E. M. Zayas and G. T. Grossberg
- 96 Risk Factors for Dyskinesia in the Elderly 527**
T. R. E. Barnes

PART H NEUROSES 535

- 97 Nosology and Classification of Neurotic Disorders 537**
D. Bienenfeld
- 98 Epidemiology of Neurotic Disorders 541**
D. G. Blazer
- 99 Stress, Coping and Social Support 545**
L. R. Landerman and D. Hughes
- 100 Clinical Features of Anxiety Disorders 551**
E. L. Cassidy, P. J. Swales and J. I. Sheikh
- 101 Prognosis of Anxiety Disorders 555**
P. J. Swales, E. L. Cassidy and J. I. Sheikh
- 102 Acute Management of Anxiety and Phobias 559**
J. I. Sheikh, E. L. Cassidy and P. J. Swales
- 103 Psychopharmacological Treatment of Anxiety 563**
J. L. Beyer and K. R. R. Krishnan
- 104 Obsessive-Compulsive Disorder 571**
J. Lindesay
- 105 Hypochondriacal Disorder 575**
A. Allen and E. W. Busse
- 106 Other Neurotic Disorders 577**
J. J. Schulte and D. Bienenfeld

PART I PERSONALITY DISORDERS 585

- 107 Personality Disorders: Aetiology and Genetics 587**
V. Molinari, T. Siebert and M. Swartz
- 108 Theoretical and Management Issues 593**
R. C. Abrams

PART J MENTAL AND BEHAVIOURAL DISORDERS DUE TO PSYCHOACTIVE SUBSTANCES 599

- 109 Alcohol Abuse in the Elderly 601**
H. Kyomen and B. Liptzin
- 110 Epidemiology of Alcohol Problems and Drinking Patterns 607**
C. F. Hybels and D. G. Blazer
- 111 Drug Misuse in the Elderly 613**
P. Bown, A. H. Ghodse and M. T. Abou-Saleh
- Benzodiazepam Use and Abuse in the Community: Liverpool Studies 619**
K. Wilson and P. Mottram

PART K LEARNING AND BEHAVIOURAL DISORDERS 621

- 112 Old Age and Learning Disability 623**
O. Raji and S. Hollins
- 113a Elderly Offenders 627**
J. M. Parrott
- 113b Sleep and Ageing: Disorders and Management 631**
H. Chiu
Rating Scale for Aggressive Behaviour in the Elderly 633
L. C. W. Lam
- 114 Sexual Disorders 635**
J. M. Kellett
- 115 Phenomenology of Wandering 637**
A. Habib and G. T. Grossberg

PART L THE PRESENTATION OF MENTAL ILLNESS IN ELDERLY PERSONS IN DIFFERENT CULTURES 639

- 116a Problems of Assessing Psychiatric Symptoms and Illness in Different Cultures 641**
M. Abas
- 116b Depression in the Indian Subcontinent 645**
V. Patel
- 116c Dementia in the Indian Subcontinent 647**
S. Rajkumar, M. Ganguli and D. Jeste
- 117 Dementia and Depression in Africa 649**
O. Baiyewu
- 118 Mental Illness in South America 651**
S. L. Blay

EIX Conditions Associated with, or Sometimes Mistaken for, Primary Psychiatric Conditions

- 60 The Psychiatric Manifestations of CNS Malignancies 335**
M. Glantz and E. W. Massey
- 61 Peripheral Neuropathy and Peripheral Nerve Lesions 341**
J. M. Massey and E. W. Massey
- EX Investigations of Organic States and Dementia***
- 62 Electroencephalography (EEG) 345**
The Late G. W. Fenton
- 63 Computed Tomography (CT) 351**
A. Burns and G. Pearlson
- 64 Magnetic Resonance Imaging (MRI) 355**
K. R. R. Krishnan
- 65 Functional Magnetic Resonance Imaging (MRI) 357**
K. R. R. Krishnan
- 66 Positron Emission Tomography (PET) 359**
P. F. Liddle and C. L. Grady
- 67 Single-photon Emission Computed Tomography (SPECT) 363**
M. T. Abou-Saleh

PART F AFFECTIVE DISORDERS 369

FI Nosology and Classification

- 68 Nosology and Classification of Mood Disorders 371**
D. G. Blazer

FII Depression, Dysthymia, Bereavement and Suicidal Behaviour

- 69 Genetics of Affective Disorders 375**
J. L. Beyer and D. C. Steffens
- 70a Environmental Factors, Life Events and Coping Abilities 379**
T. C. Antonucci and J. S. Jackson
- 70b The Aetiology of Late-life Depression 381**
M. Prince and A. Beekman
- Risk Factors and the Incidence of Post-stroke Depression 386**
P. W. Burvill
- 71 Epidemiology of Depression: Prevalence and Incidence 389**
D. G. Blazer
- Epidemiological Catchment Area Studies of Mood Disorders 392**
D. G. Blazer
- EURODEP—Prevalence of Depression in Europe 393**
J. R. M. Copeland
- Depression in Older Primary Care Patients: Diagnosis and Course 393**
J. M. Lyness and E. D. Caine
- 72 Neurochemistry 397**
L. S. Schneider, updated by M. T. Abou-Saleh

- 73 Neuro-imaging**
Neuro-imaging Studies of Depression 403
M. T. Abou-Saleh
Is Imaging Justified in the Investigation of Older People? 404
D. McWilliam
- 74 Clinical Features of Depression and Dysthymia 407**
D. G. Folks and C. V. Ford
Outcome of Depressive Disorders: Findings of a Longitudinal Study in the UK 413
V. K. Sharma
Longitudinal Studies of Mood Disorders in the USA 415
D. G. Blazer
Outcome of Depression in Finland 416
S.-L. Kivelä
- 75a Physical Illness and Depression 417**
M. E. Evans
Physical Illness and Depression: A Number of Conundrums 423
M. R. Eastwood
- 75b Depression after Stroke 425**
P. Knapp and A. House
Treatment of Depression in Older People with Physical Disability 427
S. Banerjee and F. Ruths
- 76 Acute Management of Late-life Depression 429**
V. Gardner and D. C. Steffens
- 77 Electroconvulsive Therapy (ECT) 433**
D. G. Wilkinson
- 78 Pharmacological Treatment of Depression 439**
M. T. Abou-Saleh
Treatment-resistant Depression 442
A. J. Flint
- 79 Psychotherapy of Depression and Dysthymia 445**
T. R. Lynch and C. M. Vitt
- 80 Long-term Management of Affective Disorders 453**
M. T. Abou-Saleh
- 81 Laboratory Diagnosis: Dexamethasone Suppression Test 461**
M. T. Abou-Saleh
- 82 Bereavement 465**
R. Kastenbaum
- 83 Suicidal Behaviour 469**
H. Cattell

FIII Mania

- 84 Genetics and Aetiology 473**
T. Thompson and W. McDonald
- 85 Epidemiology and Risk Factors 477**
S. Lehmann and P. Rabins
- 86 Mania: Clinical Features and Management 479**
S. Lehmann and P. Rabins
- 87 Prognosis 481**
M. M. Husain

PART M THE PRACTICE OF PSYCHOGERIATRIC MEDICINE 653

- 119 Psychiatry of the Elderly—the WPA/WHO
Consensus Statements 655**
C. Katona

MI *The British Model of the Organization of Services*

- 120 Development of Health and Social Services in
the UK in the Twentieth Century 657**
J. P. Wattis

- 121 The Pattern of Psychogeriatric Services 661**
J. P. Wattis

**Organization of Services for the Elderly
with Mental Disorders 664**

E. Chiu

- 122 The Multidisciplinary Team 667**
H. Rosenvinge

- 123 Community Care: The Background 671**
C. Godber

**Health Care of the Elderly:
The Nottingham Model 673**

Tom Arie

- 124 The Development of Day Hospitals and
Day Care 677**
R. Jenkins and D. J. Jolley

- 125 Day Care 681**
J. M. Eagles and J. Warrington

- 126 New Technology and the Care of
Cognitively Impaired Older People 685**
A. Sixsmith

MII *The North American Model of the Organization of Services*

- 127 The United States System of Care 689**
C. C. Colenda, S. J. Bartels and G. L. Gottlieb

- 128 Community-based Psychiatric Ambulatory Care:
The Private Practice Model in the USA 697**
E. M. Stein and G. S. Moak

- 129a The Psychiatrist's Role in Linking
Community Services 705**
D. Johnston, K. A. Sherrill and B. V. Reifler

- 129b The Medical Psychiatry Inpatient Unit 709**
D. G. Folks and F. C. Kinney

- 130 The Psychiatrist in the Nursing Home 713**
W. E. Reichman

**Patient Autonomy vs. Duty of Care—
the Old Age Psychiatrist's Dilemma 715**
A. Treloar

- 131 Psychiatric Services in Long-term Care 717**
I. R. Katz, K. S. Van Haitsma and J. E. Streim

- 132 Care in Private Psychiatric Hospitals 723**
*K. G. Meador, M. M. Harkleroad
and W. M. Petrie*

- 133 Quality of Care and Quality of Life in
Institutions for the Aged 727**
M. Powell Lawton

<i>MIII Liaison with Medical and Surgical Teams</i>	
134	Liaison with Medical and Surgical Teams 731 <i>S. A. Mann</i>
135	Education and the Liaison Psychogeriatrician 737 <i>D. N. Anderson</i>
<i>MIV Rehabilitation and General Care</i>	
136	Rehabilitation 739 <i>R. Jones</i>
137	Anaesthetics and Mental State 743 <i>D. G. Seymour</i>
138a	Nutritional State 749 <i>D. N. Anderson and M. T. Abou-Saleh</i>
	Mental Illness in Nursing Homes and Hostels in Australia 752 <i>D. Ames</i>
138b	Caregivers and Their Support 755 <i>K. C. Buckwalter, L. Garand and M. Maas</i>
	The Sydney Dementia Carers' Training Program 762 <i>H. Brodaty</i>
138c	Elder Abuse—Epidemiology, Recognition and Management 771 <i>M. J. Vernon</i>
138d	The Care of the Dying Patient 775 <i>R. E. Nelson and K. G. Meador</i>
<i>MV Prevention of the Mental Disorders of Old Age</i>	
139a	Prevention in Mental Disorders of Late Life 779 <i>B. D. Lebowitz and J. L. Pearson</i>
139b	A Damning Analysis of the Law and the Elderly Incompetent Patient—Rights, What Rights? 783 <i>P. Edwards</i>
139c	Older People, Clinicians and Mental Health Regulation 789 <i>E. Murphy</i>
<i>MVI Education</i>	
140	Training Requirements for Old Age Psychiatrists in the UK 791 <i>S. M. Benbow</i>
	Old Age Psychiatrists and Stress 793 <i>S. M. Benbow</i>
141	Developing and Maintaining Links between Service Disciplines: The Program for Organizing Interdisciplinary Self-education (POISE) 795 <i>J. A. Toner</i>
142	Appendix: International Psychogeriatric Association 799 <i>B. Reisberg and F. F. Finkel</i>
Index	801