

OXFORD
UNIVERSITY PRESS
SOUTHERN AFRICA

SECOND EDITION

ABNORMAL PSYCHOLOGY

A South African perspective



T Austin • C Bezuidenhout • K Botha • E Du Plessis • L Du Plessis • E Jordaan
M Lake • M Moletsane • J Nel • B Pillay • G Ure • C Visser • B Von Krosigk • A Vorster

Edited by Alban Burke

SECOND EDITION

ABNORMAL PSYCHOLOGY

A South African perspective

T Austin • C Bezuidenhout • K Botha • E Du Plessis • L Du Plessis • E Jordaan
M Lake • M Moletsane • J Nel • B Pillay • G Ure • C Visser • B Von Krosigk • A Vorster

Edited by Alban Burke

OXFORD
UNIVERSITY PRESS

SOUTHERN AFRICA

CONTENTS

CHAPTER 1: PSYCHOLOGICAL ASSESSMENT AND PSYCHO DIAGNOSTICS	2
	Tracey-Lee Austin
SECTION 1: Describing and classifying abnormal behaviour	5
Introduction	5
A brief history of mental illness	9
The pre-scientific era	9
The scientific era	13
Timeline	15
Psychology in South Africa	16
Additional and cross-cultural views	17
The Anti-Psychiatry Movement	17
Classification of mental illness	18
<i>The Diagnostic and Statistical Manual of Mental Disorders</i> (4 th ed.) (Text Revision) (DSM-IV-TR)	19
<i>The International Classification of Diseases</i> (ICD-10)	27
Comparison and critique	34
Conclusion	36
SECTION 2: Psychological Assessment and Psychodiagnostics	37
Introduction	37
Basic steps in the diagnostic process	38
Interviewing and observations	39
The clinical interview	39
Mental Status Examination (MSE)	40
Behavioural assessment	41
Medical assessments	42
Physical examination	42
Neuro-imaging	42
Psycho-physiological assessment	44
Psychological testing	44
Culture and assessment	45
Intelligence tests	46
Personality inventories	47
Projective tests	48
Neuropsychological assessment	50
False positives, false negatives, and malingering	52
Arriving at a diagnosis: The use of diagnostic classification systems	52
Conclusion	53

CHAPTER 2: WESTERN AND AFRICAN AETIOLOGICAL MODELS 56

Karel Botha & Mokgadi Moletsane

Introduction	58
Biomedical perspectives	59
Genetic predisposition	60
Abnormal functioning of neurotransmitters	61
Endocrine dysregulation	62
Structural abnormalities	62
Psychological perspectives	63
Psychodynamic approaches	63
Behavioural/learning perspectives	65
Cognitive-behavioural perspective	66
Humanistic and existential perspectives	66
Social perspectives	67
Community psychology perspective	67
Importance of the socio-political context	69
Cultural and cross-cultural psychology in South Africa	72
African personality theory	74
Indigenous theories of health and illness	76
Traditional African healing model	78
Integrated perspectives	79
The biopsychosocial model	80
The diathesis-stress model	80
Conclusion	81

CHAPTER 3: ABNORMAL PSYCHOLOGY FROM A MENTAL WELLNESS PERSPECTIVE 84

Karel Botha & Edwin du Plessis

Introduction	86
A brief history of mental wellness and positive psychology	88
Different perspectives on mental wellness	89
Mental illness from a well-being approach	90
Mental illness according to Keyes' Mental Health Continuum	90
Mental illness as impaired levels of psychological well-being	91
Mental illness as the absence, opposite, or exaggeration of psychological strengths	92
Strengths that protect against mental illness	94
Cognitive strengths: Optimism, hope and mindfulness	94
Positive affect and emotional intelligence	95
Self-regulation	95
Coping	97
Resilience	98
Post-traumatic growth	99

Interpersonal strengths	100
Treatment from a wellness perspective	101
Conclusion	102

CHAPTER 4: ANXIETY DISORDERS **104**

Melanie Lake

Introduction	106
Fear	108
Anxiety	109
Stress	110
History of anxiety and panic disorders	111
Clinical picture	112
Generalised Anxiety Disorder (GAD)	113
Panic disorders	116
Phobias	121
Obsessive-Compulsive Disorder	127
Stress disorders	129
Additional diagnoses of anxiety	133
Cross-cultural and African perspectives	135
Aetiology	140
Biological perspectives	141
Psychological perspectives	142
Psychosocial stressors	145
Familial perspectives	145
Sociocultural perspectives	146
Integrated perspectives	147
Conclusion	147

CHAPTER 5: MOOD DISORDERS **150**

Alban Burke

Introduction	152
History of mood disorders	156
Epidemiology	157
Life course	158
Clinical picture	160
Major Depressive Episode	160
Manic Episode	165
Cross-cultural and African perspectives	168
Aetiology of mood disorders	171
Biological factors	172
Stress	174
Psychosocial factors	176
Integrative Model	185
Conclusion	187

CHAPTER 6: SCHIZOPHRENIA **190**

Elsabe Jordaan

Introduction	192
Psychosis and the psychotic disorders	193
Schizophrenia	197
History of Schizophrenia	197
Prevalence and course	198
Clinical picture	200
Positive symptoms	204
Negative symptoms	208
Schizophrenia subtypes	209
Dangerousness and mortality risk	216
Cross-cultural and African perspectives	217
Aetiology	219
Biological factors	220
Psychological factors	224
Sociocultural factors	229
Integration of aetiological factors	230
Controversial issues in the diagnosis and management of Schizophrenia	231
One diagnosis or many?	231
‘Normality’ and ‘abnormality’	233
Labelling	234
De-institutionalisation	234
Conclusion	234

CHAPTER 7: COGNITIVE DISORDERS **238**

Basil Pillay

Introduction	240
The classification of cognitive disorders	242
History of cognitive disorders	243
Delirium	244
Clinical picture	244
Epidemiology	244
Aetiology	244
Treatment and management of delirium	246
Dementia	247
Clinical picture	247
Epidemiology	249
Aetiology	249
Treatment and management of dementia	253
Amnestic disorders	253
Clinical picture	253

Epidemiology	254
Aetiology	254
Treatment and management of amnesic disorders	255
Cognitive Disorder Not Otherwise Specified	256
Assessment of cognitive disorders	256
Contextual and cross-cultural perspectives	260
Conclusion	262

CHAPTER 8: DISORDERS WITH DISSOCIATIVE AND SOMATIC SYMPTOMS **264**

Larise du Plessis & Conrad Visser

Introduction	267
Dissociation, somatising, and stress	268
What is dissociation?	268
What causes dissociation?	268
Compartmentalisation	270
Detachment	271
Early adversity and future pathology	273
Dissociative disorders and their comparative nosology	274
Somatoform disorders and their comparative nosology	276
Disorders characterised by dissociative and somatic symptoms	278
Dissociative Amnesia	278
Dissociative Fugue	283
Dissociative Identity Disorder	284
Dissociative Trance Disorder	287
Depersonalisation Disorder	289
Related conditions across different cultures	293
Epidemic Hysteria	296
Ganser's Syndrome	298
Acute Stress Disorder and Posttraumatic Stress Disorder	299
Conversion Disorder	300
Somatisation Disorder	308
Hypochondriasis	314
Body Dysmorphic Disorder	318
Pain Disorder	321
Undifferentiated Somatoform Disorder	326
Miscellaneous disorders	327
Irritable Bowel Syndrome	331
Psychological Factor affecting General Medical Condition	334
Factitious disorders and Malingering	334
Factitious Disorders	335
Malingering	338
Conclusion	343

CHAPTER 9: SEXUAL AND GENDER IDENTITY DISORDERS 348

Juan Nel & Melanie Lake

Introduction	350
History of sexual and gender identity disorders	355
Sexual dysfunctions	358
Male and female sexual dysfunctions	360
Sexual desire disorders	360
Sexual arousal disorders	365
Orgasmic disorders	367
Sexual pain disorders	370
Paraphilias	372
Gender Identity Disorder	377
Issues with gender identity	379
Cross-cultural and African perspectives	381
Aetiology	386
Biological factors	387
Psychological factors	388
Social and interpersonal factors	389
Conclusion	390

CHAPTER 10: ADDICTION AND SUBSTANCE USE DISORDERS 392

Gale Ure

Introduction	394
Historical perspective	395
Theories of addiction	398
Moral theory	398
Psychoanalytical theories	398
Behavioural theories	399
The disease model	399
Types of addiction	399
Substance addiction	399
Gambling addiction	400
Sex addiction	401
Food addiction	401
Internet addiction	402
Diagnostic categories of substance use	402
Substance Dependence	403
Substance Abuse	405
Substance Intoxication	406
Substance Withdrawal	407
Substance-Induced Psychotic Disorder	408
Cross-cultural and South African perspectives	410
Alcohol	410

Tik (methamphetamine)	412
Aetiology	414
Biological factors	414
Psychological and social factors	417
Conclusion	419

CHAPTER 11: EATING DISORDERS **422**

Elsabe Jordaan

Introduction	424
History of eating disorders	426
Anorexia Nervosa	427
Prevalence and course	427
Specific cultural, gender, and age features	428
Clinical picture	428
Anorexia Nervosa subtypes	432
Bulimia Nervosa	432
Prevalence and course	433
Specific cultural, gender, and age features	433
Clinical picture	434
Bulimia Nervosa subtypes	436
Eating Disorder Not Otherwise Specified	437
Binge-Eating Disorder	439
Obesity	441
Aetiology	443
Biological factors	443
Psychological factors	445
Sociocultural factors	451
Cross-cultural perspectives	456
South African perspective	457
Conclusion	459

CHAPTER 12: PERSONALITY DISORDERS **462**

Beate von Krosigk

Introduction	464
History of personality disorders	468
Clinical picture	470
Cluster A personality disorders	474
Paranoid Personality Disorder	474
Schizoid Personality Disorder	477
Schizotypal Personality Disorder	478
Cluster B personality disorders	479
Borderline Personality Disorder	479
Histrionic Personality Disorder	481

Narcissistic Personality Disorder	482
Antisocial Personality Disorder	483
Cluster C personality disorders	485
Avoidant Personality Disorder	485
Dependent Personality Disorder	486
Obsessive-Compulsive Personality Disorder	488
Co-morbidity	490
Aetiology	490
Biological factors	492
Intra- and interpersonal factors	495
A holistic perspective for understanding the development of personality functioning/dysfunction	502
Problems and controversies	505
Conclusion	509

CHAPTER 13: DEVELOPMENTAL PSYCHOPATHOLOGY **512**

Adri Vorster

Introduction	515
Human development	515
Developmental psychopathology	516
History of developmental psychopathology	516
Contextualising developmental psychopathology in South Africa	517
Developmental disorders	519
Internalising disorders	520
Externalising disorders	528
Pervasive developmental disorders	542
Autistic Disorder	542
Asperger's Disorder	547
Rett's Disorder	549
Aetiology of pervasive developmental disorders	551
Elimination disorders	551
Enuresis	552
Encopresis	554
Aetiology of elimination disorders	555
Conclusion	557

CHAPTER 14: LEGAL AND ETHICAL ISSUES IN MENTAL DISORDERS **560**

Christiaan Bezuidenhout

Introduction	562
Core ethical values and standards	563
Legal perspective	564
Human rights in South Africa	564

The Mental Health Care Act (No. 17 of 2002)	566
Traditional Health Practitioners Act (No. 35 of 2004)	568
The state of mental health care in South Africa	570
History of the South African ethical code for psychologists	570
Ethical behaviour	572
Statutory control over ethical behaviour	573
Challenges to ethical behaviour	574
Ethical dilemmas	576
Specific ethical issues for mental health care professionals	577
Confidentiality and reporting to third parties	578
Dangerousness	578
Suicide and euthanasia	583
Committing a client	584
Consequences of unethical conduct	585
Conclusion	587
APPENDIX A: PSYCHOLOGICAL MANIFESTATIONS OF MEDICAL DISEASE	588
	Conrad Visser
Introduction	590
Causes of tissue damage and dysfunction	591
Disease and systems	591
Relationship between psychopathology and medical illness	593
Medical differential diagnoses of psychopathology	594
Anxiety symptoms	594
Mood symptoms and suicide	595
Perceptual aberrations and psychotic symptoms	596
Dissociation	597
Psychopathological presentations of selected medical conditions	598
Nervous system conditions	598
Auto-immune conditions	602
Endocrine conditions	603
Metabolic and nutritional disturbances, toxins, and organ failure	603
Psychological warnings of medical illness	606
Conclusion	610
ANSWERS TO MCQ'S	611
REFERENCES	612
GLOSSARY OF TERMS	651
INDEX	667



Introduction

Biomedical perspectives

- Genetic predisposition
- Abnormal functioning of neurotransmitters
- Endocrine dysregulation
- Structural abnormalities

Psychological perspectives

- Psychodynamic approaches
- Behavioural/learning perspectives
- Cognitive-behavioural perspective
- Humanistic and existential perspectives

Social perspectives

- Community psychology perspective
- Importance of the socio-political context

Cultural and cross-cultural psychology in South Africa

African personality theory

Indigenous theories of health and illness

- Traditional African healing model of healing

Integrated perspectives

- The biopsychosocial model
- The diathesis-stress model

Conclusion

generations. Since the traditional healers are easily available and represent the same cultural group as the clients, they are trusted and perceived as well trained. Also, for the unemployed and poor, modern medicine is unaffordable and not easily accessible. In addition, some of the older people in African communities, who are not traditional healers, acquired knowledge of indigenous healing from the past generations and are therefore familiar with traditional prevention, diagnosis, prognosis, and medicine. They are usually wise older women and men who give advice to the community members. They can be regarded as indigenous community counsellors. Out of these traditional beliefs and practices has come an African understanding of aetiology. The study conducted by Moletsane (2011) highlights these African aetiological explanations (see Table 2.6). When assisting clients from an African cultural background, it is crucial to have an understanding of these aetiological explanations.

Table 2.6: Indigenous African aetiological explanations

Cause of illness	Explanation
<i>Boloi</i> (Sesotho) or <i>ubuthakathi</i> (isiZulu): to be bewitched	It can be described as sorcery/witchcraft or use of superpower to harm or even kill someone, usually an enemy.
<i>Go roula</i> (Sesotho)	A widow has to wear black clothes for 12 months to show that she is mourning for her husband. This only applies to wives, not husbands. If this practice is not properly followed, it can cause illness.
<i>Sefifi/senyama</i> (Sesotho) or <i>isinyama</i> in isiZulu	A widow is regarded as contagious as she has 'senyama' or 'sefifi' which means bad luck due to her husband's death. The bad luck can be cured if the widow and the youngest child in the family are cleansed by bathing with a herb concoction as recommended by the traditional healer or a traditional community counsellor after the death of her husband. A person who is menstruating or who had sex that day is also regarded as having 'sefifi'. Such people are not allowed to enter the same room as a new-born baby or a sick person because they might pass their bad luck or illness to the baby or aggravate the condition of the sick person.
<i>Makgome</i> (Sesotho)	After the death of the husband, a widow is prohibited from having a sexual relationship with anyone. Widows are supposed to abstain from sexual activities for a period of one year. If this practice is ignored, they can cause serious illness to themselves and to anyone who has sexual contact with them.
<i>Go tlola</i> (Sesotho) or <i>Ukudlula</i> in isiZulu	When a widow fails to abstain from sex during the mourning period, this can cause compulsion neurosis (the uncontrollable impulse to perform stereotyped irrational acts).
<i>Go lahla maseko/setso</i> (Sesotho) or <i>ukulahla amasiko</i> in isiZulu	This is the failure to perform the traditional practices. For example, due to Western cultural influence, people might not believe in African rituals. This might anger the ancestors which will cause ill-health or other types of problems in a person's life.

- Whereas DSM-IV-TR listed Psychological Factor affecting General Medical Condition separately from somatoform disorders, this diagnosis is to be subsumed under the somatic symptom disorder category. This realignment emphasises that the primary presentation is somatic and recognises the interplay of psychological factors and physical symptoms.
- Body Dysmorphic Disorder is removed from the category altogether.

Table 8.4: Comparative nosology of somatoform disorders

DSM-IV-TR	DSM-5 (proposed)	ICD-10
Somatisation Disorder Undifferentiated Somatoform Disorder	Complex Somatic Symptom Disorder	Somatisation Disorder Undifferentiated Somatoform Disorder
Pain Disorder	<i>Specifier: with pain as predominant symptom</i>	Persistent Somatoform Pain Disorder
Hypochondriasis	<i>Specifier: with illness concerns</i> Illness Anxiety Disorder	Hypochondriacal Disorder
Conversion Disorder*	Functional Neurological Disorder	
Somatoform Disorder NOS	Simple Somatic Symptom Disorder Other Specified Somatic Symptom Disorder*** Unspecified Somatic Symptom Disorder***	Somatoform Autonomic Dysfunction Other Somatoform Disorders Somatoform Disorder, Unspecified
	Psychological Factors affecting Medical Condition	
Body Dysmorphic Disorder**		
<p>* Conversion Disorder conforms to ICD-10 Dissociative Motor Disorders, Dissociative Convulsions, Dissociative Anaesthesia, etc.</p> <p>** Body Dysmorphic Disorder is incorporated into ICD-10 Hypochondriacal Disorder and will likely be relocated to the Anxiety Disorders in DSM-5.</p> <p>*** No proposed criteria yet</p>		

Table 8.4 lists disorders of the different nosologies. Dotted rectangles group together homologous symptoms or symptoms of a like nature; central lighter-coloured rectangles indicate DSM-5 equivalents. The central darker rectangle illustrates how DSM-5 Complex Somatic Symptom Disorder incorporates discrete DSM-IV-TR and ICD-10 conditions, including Pain Disorder and Hypochondriasis. Note how DSM-5 treats Hypochondriasis as two separate disorders.