

A CROSS-SECTIONAL DESCRIPTIVE STUDY OF CLINICAL FEATURES AND COURSE OF ILLNESS IN A SOUTH AFRICAN POPULATION WITH BIPOLAR DISORDER

Ву

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Declaration

I, the undersigned, hereby declare that the work contained in this thesis
is my own original work and that I have not previously in its entirety or in
part submitted it at any university for a degree.
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Date



Dedication

For my mother Celine, who encouraged my passion for reading



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Abstract

There is generally a lack of studies examining prevalence and phenomenology of bipolar disorder in Africa. In literature, a unipolar manic course of illness in particular is reported to be rare.

The purpose of this study was to investigate and describe the course of illness and clinical features in a cross-section of patients diagnosed with bipolar disorder attending public hospitals in Limpopo Province, South Africa and to determine the rate of a unipolar manic course in this sample of patients.

This was a descriptive, cross-sectional study of patients presenting with a history of mania between October 2009 and April 2010, to three hospitals in Limpopo Province. A purposeful sample of 103 patients was recruited and interviewed using the Affective Disorders Evaluation.

This study confirms that a unipolar manic course is indeed much more common than rates suggested in present day literature with 57% of the study sample only ever experiencing manic episodes.

The study also confirms the debilitating nature of bipolar disorder with more than two-thirds being unemployed in spite of a quarter of the study



subjects having a tertiary education. The high rates of attempted suicide, history of violence and history of drug abuse all furthermore points to the devastating effects bipolar disorder has on individuals and their families.

Treatment choice appeared to be a combination of a mood-stabilising agent in combination with an anti-psychotic. It was found that two-thirds of study subjects had consulted with faith- or traditional healers.

Significant gender differences appeared in that females were more likely to suffer from comorbid anxiety disorders, have a history of sexual trauma, and be HIV positive whilst men were more likely to have a forensic- and substance-abuse history, experience hallucinations and receive clozapine.

Patients presenting with a unipolar manic course of illness, as described in this thesis, may contribute to the search for an etiologically homogeneous sub-group which presents unique phenotype for genetic research and the search for genetic markers in mental illness. A unipolar manic course therefore needs to be considered as a specifier in diagnostic systems in order to heighten the awareness of such a course of illness in bipolar disorder, with a view to future research.



Key phrases: "affective disorders", "bipolar disorder", "recurrent", "mania", "unipolar mania".



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Abbreviations used

ADE Affective Disorders Evaluation

AESOP Aetiology and Ethnicity of Schizophrenia and Other

Psychoses

AIDS Acquired immunodeficiency syndrome

CCMD-3 Chinese Classification of Mental Disorders, 3rd Edition

CGI Clinical Global Impression of severity

CNV's Copy-number variants

DAM Depressive and Manic episodes

DSM Diagnostic and Statistical Manual of Mental Disorders

EAOO Early age of onset

EMBLEM European Mania in Bipolar Longitudinal Evaluation of

GAD Generalised anxiety disorder

GC Cuban Glossary

Medication

GWAS Genome-wide association studies HIV Human immunodeficiency virus

ICD International Classification of Diseases

MHCU Mental Health Care User
MO Manic Only episodes
NEC Not elsewhere classified

NIMH National Institute for Mental Health OCD Obsessive-compulsive disorder

PMHC Polokwane-Mankweng Hospital Complex

PTSD Posttraumatic stress disorder SASH South African Stress and Health

SASOP South African Society of Psychiatrists
SCID Structured Clinical Interview for DSM-IV

STEP-BD Systematic Treatment Enhancement Program for

Bipolar Disorder

TB Tuberculosis UK United Kingdom

USA United States of America
WHO World Health Organization

ZCC Zion Christian Church