

بسم الله الرحمن الرحيم









شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة يعيدا عن الغيار











بالرسالة صفحات لم ترد بالأصل



Personality Disorders Among Alexandria University Students



Thesis

Submitted to The High Institute of Public Health

University of Alexandria

in partial fulfillment of the requirements for the

Degree of Master of Public Health
(Mental Health)

By

Walid Waguih El-Hosseiny

M.B.B.Ch. – Faculty of Medicine – University of Alexandria - 1995 DPH (Mental Health) - High Institute of Public Health - University of Alexandria - 1998

> High Institute of Public Health University of Alexandria 2003

SUPERVISORS

Dr. Mervat Wagdy Abu-Nazel

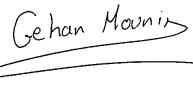
Professor of Mental Health
High Institute of Public Health
University of Alexandria

Dr. Nehad Hassan Mahdy

Assistant Professor of Biostatistics
High Institute of Public Health
University of Alexandria

Dr. Gehan Mohamed Mounir

Assistant Professor of School Health
High Institute of Public Health
University of Alexandria



Wollood the





ACKNOWLEDGEMENTS

I owe the most gratitude to **Professor Mervat W. Abu-Nazel**, Professor of Mental Health, High Institute of Public Health, University of Alexandria, whom I consider my mentor, for first of all encouraging me to proceed with the subject I had chosen and for patiently putting up with my anxieties and inability to be concise during the course of this thesis. I thank her for her immense support and profound expertise.

I could not thank **Dr. Nehad H. Mahdy**, Associate Professor of Biostatistics, High Institute of Public Health, University of Alexandria, enough for being so committed and extremely prompt, sacrificing her time to teaching me step by step all I know about statistics now, which I consider a great achievement. During data analysis her input enabled me to accomplish this work.

I am indebted to **Dr. Gehan M. Mounir**, Associate Professor of School Health, High Institute of Public Health, University of Alexandria, for the meticulous effort she has dedicated to the writing of this thesis. Without her encouragement and priceless advice, it would not have been the way it is today.

Finally, the students are the ones who made this study possible. Their helpfulness, willingly or otherwise, should not be in any way undermined.

71,

List of Contents

Chapter		Page
I	Introduction	1
	Definition and models of personality	3
	The concept and definition of personality disorder	5
	Classification and features of personality disorders	9
	Assessment of personality disorders	18
	Magnitude of personality disorders	_22
	Risk factors of personality disorders Impact of personality disorders	25
	Prevention of personality disorders	41
	revention of personality disorders	53
II	Aim of the work	65
Ш	Subjects and Methods	66
IV	Results	79
	Psychometric properties of the Arabic version of PDQ-4+	80
	Characteristics of the sampled university students	89
	Prevalence of personality disorders among the sampled students	92
	Socio-demographic risk factors	97
	Academic risk factors	112
	Personal risk factors (habits and leisure activities)	120
	Familial risk factors	123
	Medical, mental, and social network risk factors	135
	Results of the stepwise logistic regression analysis of risk factors	144
V	Discussion	147
	Psychometric properties of PDQ-4+	148
	Prevalence of personality disorders	152
	Risk factors	157
VI	Conclusions and Recommendations	182
VII	Summary	187
VIII	References	192
	Appendices	
	Protocol	
	Arabic summary	

List of Tables

Table		Page
I	Test-retest reliability and internal consistency of the Arabic version of the PDQ4+	83
IIa	Principal-components factor analysis with varimax rotation of the 12 personality disorder scales' sums of the PDQ-4+: communalities, eigen values and percent of variance	84
IIb	Factor loadings after factor analysis with varimax rotation of the sum of the 12 personality disorder subscales of the PDQ-4+ and sum of factor items for the sampled university students	85
Ш	Specificity and positive predictive value of the PDQ-4+ in relation to Clinical Significance scale (as a gold standard)	87
IV	Discriminant validity of the 12 personality disorder scales and the total score of the Arabic version of the PDQ-4+	88
V	Distribution of the sampled students according to their sociodemographic characteristics	90
VI	Distribution of sampled students according to the different types of personality disorders	95
VII	Distribution of personality-disordered students according to the frequency of personality disorder comorbidities encountered	.96

Table							Page
VIII	Distribution personality di		university	students	according	to	99
IX	Distribution personality di		university	students	according	to	100
X	Distribution of personality di		versity stude	ents by dif	ferent types	of	101
XI	Distribution personality di				according	to	104
XII	Distribution personality di		·		according	to	105
XIII	Distribution personality dis			students	according	to	106
XIV	Distribution personality dis	_	•		according	to	107
XV	Distribution personality dis				according	to	109
XVI	Distribution personality dis				according	to	111
XVII	Distribution personality dis	_	·		according	to	113

Table		Page
XVIII	Distribution of sampled university students according to personality disorder and the reason for choice of college	114
XIX	Distribution of sampled university students according to personality disorder and difficulties experienced in college	118
XX	Distribution of sampled university students according to personality disorder and academic achievement	119
XXI	Distribution of sampled university students according to personality disorder and leisure activities	121
XXII	Distribution of sampled university students according to personality disorder and smoking and psychoactive substance abuse	122
XXIII	Distribution of sampled university students according to personality disorder and parental history of chronic medical illness or psychiatric problem	125
XXIV	Distribution of sampled university students according to personality disorder and parental impulsivity	126
XXV	Distribution of sampled university students according to personality disorder and their parents' unacceptable behaviour	127
XXVI	Mean, standard deviation, and median values of EMBU scores of sampled university students according to personality disorder.	130

Table		Page
XXVII	Distribution of sampled university students according to personality disorder and parental disciplinary styles	131
XXVIII	Distribution of sampled university students according to personality disorder and perceived intrafamilial conflicts.	133
XXIX	Distribution of sampled university students according to personality disorder and chronic medical conditions	137
XXX	Distribution of sampled university students according to personality disorder and history of psychiatric problems	138
XXXI	Distribution of sampled university students according to personality disorder and history of childhood behavioural problems	139
XXXII	Distribution of sampled university students according to personality disorder and history of abuse	142
XXXIII	Mean and standard deviation, and median values of PSR scores of sampled university students according to personality disorder	143
XXXIV	Results of stepwise logistic regression analysis of significant variables related to personality disorder among university students (general model)	145
XXXV	Results of stepwise logistic regression analysis of significant familial and, psychological and medical variables related to personality disorder among university students	146

List of Figures

Figure		Page
1	Percent distribution of the sampled students according to their total scores on the PDQ-4+	94
2	Distribution of sampled university students according to personality disorder and social status of parents	110
3	Distribution of sampled university students according to personality disorder and the reason for choice of college	115
4	Distribution of sampled university students according to personality disorder and consistency of parental discipline	132
5	Distribution of sampled university students according to personality disorder and perceived intrafamilial conflicts	134
6	Distribution of sampled university students according to personality disorder and history of conduct disorder	140

List of Acronyms and Abbreviations

ADHD Attention deficit hyperactivity disorder

AIDS Acquired immunodeficiency syndrome

BZ Benzodiazepines

CAT Cognitive analytic therapy

CBT Cognitive behavioural therapy

CD Conduct disorder

CI Confidence interval

CVS Cardiovascular

DSM Diagnostic and statistical manual

DBT Dialectical behaviour therapy

ECA Epidemiological catchment area

EEG Electroencephalogram

EMBU Egna Minnen Betraffande Uppfostren "My Memories of Upbringing"

questionnaire

GAD Generalised anxiety disorder

GAF Global assessment of functioning

HIV Human immunodeficiency virus

ICD International classification of diseases

IQ Intelligence quotient

K Kappa

LL Lower limit

MAOI Monoamine oxidase inhibitor

No./n Number

ODD Oppositional defiant disorder