



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



SAFAA MAHMOUD



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

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SAFAA MAHMOUD



Pathway to Service in Obsessive Compulsive Disorder Patients in Egypt

Thesis

*Submitted for Partial Fulfillment
of Master Degree in Neuropsychiatry*

By

Hussein Hammouda Hassan

M.B.B.Ch

Under Supervision of

Prof. Tarek Ahmed Okasha

*Professor of Neuropsychiatry
Faculty of Medicine - Ain Shams University*

Dr. Mahmoud Mamdouh Elhabiby

*Assistant Professor of Neuropsychiatry
Faculty of Medicine - Ain Shams University*

Dr. Zeinab Mohamed Ahmed Ali

*Lecturer of Neuropsychiatry
Faculty of Medicine - Ain Shams University*

Faculty of Medicine - Ain Shams University

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ

سُبْحَانَكَ لَا عِلْمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Contents

Title	Page No.
List of Tables.....	5
List of Figures	8
List of Abbreviations.....	9
Introduction	- 1 -
Aim of the Work	14
Review of Literature	
▪ Obsessive Compulsive Disorder.....	15
▪ Factors Delaying Treatment Seeking in OCD Patients	51
▪ Transcultural Variations in OCD and Role of Traditional Healers	66
Subjects and Methodology	93
Results.....	101
Discussion	147
Conclusion	172
Limitations.....	173
Recommendations	174
Summary.....	175
References	179
Appendix	212
Arabic Summary	

List of Tables

Table No.	Title	Page No.
Table 1:	Adult selective serotonin reuptake inhibitor dosing (total dose in milligrams per day) guidelines for obsessive-compulsive disorder.....	36
Table 2:	Socio-demographic data of the cases:.....	102
Table 3:	Percentage of OCD symptoms among cases, assessed via Yale brown obsessive-compulsive scale symptoms (YBOCS):.....	103
Table 4:	Assessment of severity of symptoms among cases according to yale brown obsessive-compulsive scale YBOCS:.....	104
Table 5:	Onset of illness and duration of untreated illness	105
Table 6:	Assessment of pathway to psychiatric services via designed semi-structured questionnaire	108
Table 7:	Assessment of psychiatric services availability via designed semi-structured questionnaire:	112
Table 8:	Psychiatric services availability (continued):.....	113
Table 9:	Assessment of pathway to traditional healers' services via designed semi-structured questionnaire:.....	114
Table 10:	Who recommended Traditional Healers via designed semi-structured questionnaire?.....	117
Table 11:	Comparison regarding sociodemographic data before and after 2 years:	124
Table 12:	Assessment of difference of obsessive-compulsive disorder phenomenology via Yale brown obsessive-compulsive scale (YBOCS) before and after 2 years:.....	125

List of Tables cont...

Table No.	Title	Page No.
Table 13:	Comparison regarding obsessive compulsive disorder severity via Yale brown obsessive-compulsive scale YBOCS before and after 2 years:.....	126
Table 14:	Comparison regarding onset and course of OCD before and after 2 years:.....	127
Table 15:	Uni-variate and multivariate logistic regression analysis for factors related to UTI > 24 months.....	129
Table 16:	Comparison regarding sociodemographic data before and after 5 years:	130
Table 17:	Comparison regarding obsessive compulsive disorder phenomenology via Yale brown obsessive-compulsive scale (YBOCS) before and after 5 years:.....	131
Table 18:	Comparison regarding obsessive compulsive disorder severity via Yale brown obsessive-compulsive scale (YBOCS) before and after 5 years:.....	132
Table 19:	Comparison regarding onset and course of OCD before and after 5 years:.....	134
Table 20:	Uni-variate and multivariate logistic regression analysis for factors related to UTI > 60 months.....	136
Table 21:	Comparison according to sociodemographic data, onset and course of OCD:.....	138
Table 22:	Assessment of seeking traditional healer's advice among OCD participants according to their sociodemographic data:	140
Table 23:	Relation between obsessive compulsive disorder phenomenology assessed by Yale brown obsessive-compulsive scale (YBOCS) and seeking traditional healers' advice:	142

List of Tables *cont...*

Table No.	Title	Page No.
Table 24:	Relation between severity of obsessive-compulsive disorder symptoms assessed via YBOCS and seeking traditional healers' advice:	143
Table 25:	Relation between onset and course of OCD and seeking traditional healers' advice:	144
Table 26:	Uni-variate and multivariate logistic regression analysis for factors affecting went to traditional healer	146

List of Figures

Fig. No.	Title	Page No.
Figure 1:	Factors cause delayed seeking psychiatric advice.....	107
Figure 2:	Different causes of service dissatisfaction.	109
Figure 3:	Causes of seeking advice at multiple doctors.....	110
Figure 4:	Causes of non-compliance to psychiatric treatment.....	111
Figure 5:	Causes of seeking traditional healers' advice.....	118
Figure 6:	Causes of seeking advice at multiple traditional healers.....	119
Figure 7:	Traditional healers' explanations regarding symptoms.....	120
Figure 8:	Types of treatment given by traditional healers.	121
Figure 9:	Causes of compliance to traditional healers' treatment.....	122
Figure 10:	Causes of non-compliance to traditional healers' treatment.....	123

List of Abbreviations

Abb.	Full term
<i>5HT</i>	<i>5 hydroxytryptamine (serotonin)</i>
<i>5-HTT</i>	<i>5 hydroxytryptamine transporter (serotonin transporter)</i>
<i>5-HTTLPR</i>	<i>Serotonin-transporter-linked polymorphic region</i>
<i>ACC</i>	<i>Anterior cingulate cortex</i>
<i>ANOVA</i>	<i>Analysis of variance</i>
<i>APA</i>	<i>American Psychological Association</i>
<i>BDNF</i>	<i>Brain-derived neurotrophic factor</i>
<i>BG</i>	<i>Basal ganglia</i>
<i>BST</i>	<i>Brain Synchronization therapy</i>
<i>BT</i>	<i>Behavioral therapy</i>
<i>C.I.</i>	<i>Confidence interval</i>
<i>CBT</i>	<i>Cognitive behavioral therapy</i>
<i>CGI</i>	<i>Clinical Global Impressions Scale</i>
<i>CGI-I</i>	<i>Clinical Global Impressions Improvement Scale</i>
<i>CIDI</i>	<i>Composite International Diagnostic Interview</i>
<i>COMT</i>	<i>Catechol-O-methyltransferase</i>
<i>CSTC</i>	<i>Cortico-striato-thalamo-cortical</i>
<i>DAT</i>	<i>Dopamine active transporter</i>
<i>DBS</i>	<i>Deep brain stimulation</i>
<i>DLPFC</i>	<i>Dorsolateral prefrontal cortex</i>
<i>DOCS</i>	<i>Dimensional Obsessive–Compulsive Scale</i>
<i>DR</i>	<i>Dopamine receptor</i>
<i>DSM</i>	<i>Diagnostic and Statistical Manual of Mental Disorders</i>
<i>DUI</i>	<i>Duration of untreated illness</i>
<i>ECG</i>	<i>Electrocardiogram</i>
<i>ERP</i>	<i>Exposure response prevention</i>
<i>FDA</i>	<i>Food and Drug Administration</i>
<i>FIT</i>	<i>Family-inclusive treatment</i>

List of Abbreviations cont...

Abb.	Full term
GABA.....	<i>Gamma aminobutyric acid</i>
HTR.....	<i>Serotonin receptor</i>
ICD.....	<i>International classification of disease</i>
M.I.N.I.....	<i>Mini international neuropsychiatric interview</i>
MAOA.....	<i>Monoamine oxidase A</i>
MCT.....	<i>Metacognitive therapy</i>
MRI.....	<i>Magnetic resonance imaging</i>
OCD.....	<i>Obsessive compulsive disorder</i>
OCPD.....	<i>Obsessive-compulsive personality disorder</i>
OCS.....	<i>Obsessive compulsive symptoms</i>
OFC.....	<i>Orbitofrontal cortex</i>
OR.....	<i>Odds ratio</i>
PASS.....	<i>Prediction of activity spectra for substances</i>
PET.....	<i>Positron emission tomography</i>
RCT.....	<i>Randomized control trials</i>
ROC.....	<i>Receiver operating characteristic curve</i>
rTMS.....	<i>Repetitive transcranial magnetic stimulation</i>
SCID I.....	<i>Structured Clinical Interview for DSM-IV Axis I disorders</i>
SCID II.....	<i>Structured Clinical Interview for DSM-IV Axis II disorders</i>
SD.....	<i>Standard deviation</i>
SERT.....	<i>5 hydroxytryptamine transporter (serotonin transporter)</i>
SLC.....	<i>Solute carrier type transporter</i>
SMA.....	<i>Supplementary motor area</i>
SNRI.....	<i>Serotonin-norepinephrine reuptake inhibitors</i>
SPECT.....	<i>Single positron emission computed tomography</i>
SPSS.....	<i>Statistical Package for Social Science</i>

List of Abbreviations cont...

Abb.	Full term
<i>SRI</i>	<i>Serotonin reuptake inhibitors</i>
<i>SSRI</i>	<i>Selective serotonin reuptake inhibitors</i>
<i>T allele</i>	<i>Tall allele</i>
<i>TAF</i>	<i>Thought action fusion</i>
<i>tDCS</i>	<i>Trans-cranial direct current stimulation</i>
<i>TEF</i>	<i>Thought Event Fusion</i>
<i>TOF</i>	<i>Thought Object Fusion</i>
<i>US</i>	<i>United States</i>
<i>WHO</i>	<i>World health organization</i>
<i>Y-BOCS</i>	<i>Yale-Brown Obsessive-Compulsive Scale</i>
<i>YLD</i>	<i>Years lost to disability</i>

INTRODUCTION

Obsessive-compulsive disorder (OCD) is a relatively common disorder with a lifetime prevalence of 2.30% according to the national comorbidity survey replication (*Ruscio et al., 2010*).

It is also a persistent disorder associated with a high impairment in quality of life and it is considered as one of the 10 leading causes of disability worldwide (*Garcia-Soriano et al., 2014*).

Unfortunately, 74.50% of OCD patients report interference at work and 59.40% report considerable interference in social activities, also OCD patients have a 2.98-fold greater risk than patients with other neuroses of having work impairment and a 2.76 -fold risk of being socially impaired (*Garcia-Soriano et al., 2014*).

Furthermore, OCD is associated with an average of 25.40–45.70 days out of role in the past year, moreover studies showed that the quality of life of OCD patients matches or is even lower than the quality of life in chronic psychiatric disorders such as schizophrenia (*Subramaniam et al., 2012*).

It was found, that the barriers to accessing effective treatment for OCD have been identified in the international research include limited availability of suitably trained professionals to treat those presenting with OCD using psychological treatments, cost of