

شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلو

بسم الله الرحمن الرحيم





MONA MAGHRABY



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MONA MAGHRABY



The Impact of Behavioral Parent Training on Quality of Life and Parenting Stress in Mothers of Children with ADHD

Thesis

Submitted for Partial Fulfillment of Master Degree in **Neuropsychiatry**

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List of Abbreviations

Abb.	Full term
ADHD	Attention Deficit Hyperactivity Disorder
	Autism Spectrum Disorder
	Behavioral Parent Training
	Children's Behavioral Checklist
	Conners' Parent Rating Scale
DA	G
	Disruptive Behaviors Stress Inventory
	Drug enforcement administration
	Multimodal Treatment Study of ADHD
	Diagnostic and statistical manual of mental disorders, 5 th Edition
EEG	Electroencephalogram
HPA	Hypothalamic pituitary Adrenal
HrQ0L	Health related Quality of Life
IQ	Intelligence Quotient
IYPT	Incredible Years Parent Training
MPOA	Medical Preoptic area
MTA	Cannabis withdrawal assessment scale
NFPP	New Forest Parenting Program
NICE	National Institute of Health and Clinical Excellence
ODD	Oppositional Defiance Disorder
Oxytocin	Oxytocin
PAQ	Parent Authority Questioner
PCIT	Parent Child Interactive Therapy
PET	Positron Emission Tomography
PMT	Parent management program
PSI	Parent Stress Index

List of Abbreviations cont...

Abb.	Full term
QOL	Quality of Life
SES	Socioeconomic Status Scale
WFIRS	Weiss Functional Impairment Rating Scale
WHO	World Health Organization
WH0Q0L	World Health Life Quality of Life

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INTRODUCTION

ttention deficit hyperactivity disorder (ADHD) is a disorder of the neurodevelopmental mental (Sroubek et al., 2013). It is characterized by an ongoing pattern of inattention and/or hyperactivity-impulsivity that interferes functioning or development. (National Institute of Mental Health, 2020). The symptoms appear before a person is 12 years old, are present for more than six months, and cause problems in at least two settings (such as school, home, or recreational activities). Symptoms are grouped into three categories; inattention, hyperactivity and impulsivity (Dulcan et al., 2011). Comorbidity with other childhood behavioral and developmental disorders, such as oppositional defiant disorder, conduct disorder, and learning disorders, is frequent (Shaw et al., 2012). In the past ADHD was assumed to resolve after puberty, but recent longitudinal studies have suggested that about 30-50% of people diagnosed ADHD in childhood continue to have symptoms into adulthood (Ginsberg et al., 2014).

Observational studies of children with ADHD and their parents found conflicted parent—child interaction patterns and less positive parenting practice (*Deault*, 2010). Participation in daily activities might be challenging for children with ADHD

and their parents and adversely affect their parent-child relationships (Segal and Hinojosa, 2006). There is ample correlational evidence to suggest that this disruption in the normal parenting process may adversely affect parental functioning in many ways. For example, studies have shown that parents of children with ADHD commonly experience considerable stress in their parenting roles (Muñoz-Silva et al., *2017*).

In recent years quality of life (QOL) has emerged as an important outcome measure in guiding health care (Bullinger, 2014). The World Health Organization (WHO) defined QOL as 'an individual's perception of his/her position in life, in the context of the culture and value system in which s/he lives, and in relation to goals, expectations, standards and concerns' (Fitzgerald et al., 2001).

Sawyer and his colleagues found that not only did children with psychiatric disorders including ADHD have a significantly poorer QOL than the healthy controls, their mental problems also interfered with the daily lives of their parents and families (Sawyer et al., 2002).

In relation to the treatment of children with ADHD, Pharmacotherapy alone often does not sufficiently address these problems. In addition, pharmaco-therapy has limitations,

including side effects, low compliance, and insufficient efficacy (Charach et al., 2004). There is increasing evidence for nonpharmacologic interventions, including parental education, school-based behavioral therapy, and cognitive training in ADHD (Richardson et al., 2015).

Behavioral parent training (BPT) is an intervention to help parents stop stressful patterns of parent-child interaction. BPT primarily emphasizes social contingencies in which the parent provides positive reinforcement for the child's prosocial behavior and ignores or punishes negative behavior by nonphysical discipline techniques such as removal of privileges or time out (Antshel and Barkley, 2008). These changes in parenting style presumably create better fit among parent—child interactions thus reducing disruptive behaviors and ADHD symptoms, and improving parenting skills (Charach et al., 2013).