

# Effect of nursing intervention program on improving mothers' knowledge and practice about attention deficit hyperactivity and reducing the symptoms among their children

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## Abstract

**Background:** Attention Deficit Hyperactivity Disorder (ADHD) is a serious public health problem affecting a large number of children that often lasts into adulthood, and it is characterized by persistence of inattention, hyperactivity and impulsivity that interferes with functioning or development. The symptoms of ADHD a child exhibits can be very challenging for parents to manage and their understanding of the child's behavior is often limited. Parent-focused intervention on managing symptoms for a child with ADHD has been shown to improve quality of life for both parents and child. **Methods:** A convenience sample of 60 mothers of school age children who suffering from ADHD and their children presented in child psychiatric unit and pediatric out patient's clinics at Menoufia University. The sample divided into two groups; experimental and control group (30mothers and their children for each group). A quasi experimental (two groups pre/ posttest) research design was used to achieve the purpose of the study. **Tools:** I)Structured questionnaire sheet which including four parts; 1, 2) Biosocial data related to ADHD school age children and related to mothers; 3) mother's awareness about ADHD; 4) Alabama parenting Questionnaire. II) The Diagnostic and Statistical Manual of Mental Disorders -5 th edition (DSM-5) scale to detect the behaviors of ADHD and to define the three nominal subtypes of it. **Findings:** The study revealed that there was significant differences between mean scores levels of mother's Knowledge and practice of about ADHA pre and post intervention. Concerning child symptom, there was statistical difference mean scores levels as regards symptoms of ADHD as reported by children's mother pre & post nursing intervention program

## Biography:

Dr. Ghada is lecturer of pediatric, associated trainer from international board of Certificated Trainers (IBCT).She teaching courses about General Pediatric Nursing Critical Emergency Care, Children with special needs ,Psychology, Rehabilitation, Chronic diseases, family Centre care, Evidence – based practice , health promotion, Human Growth and Development. She participated in a lot of International Scientific Nursing Conference. She had research in field of alternative medicine for children with cancer such as guided imagery relaxation, supportive care, coping strategies, palliative care , internet addiction and sensory integration program for autistic children. She obtains many certificates in Quality assurance and Accreditation.

## Speaker Publications:

1. "Al-Mahmoud. S. Effectiveness of Health Educational Program on Parents' Coping Strategies and their Children with Attention Deficit Hyperactivity Disorder. Appl Sci.; 2013, 2 (10): 461-472."
2. "Hanan, T. Elbarnasawy and Naglaa, M. Girgis (2011). Counseling for Mothers to Cope with their Autistic Children. Journal of American Science; 2011, 7 (7): 183-192".
3. "Fathia Mohamed El-Nemr, et al,. Prevalence of Attention Deficit Hyperactivity Disorder in Children. Department of Pediatrics, Faculty of Medicine, Menoufia University, Shebin Elkom, Menoufia, Egypt. Science Journal of Public Health; 2015, 3(2): 274-280."

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