



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



HANAA ALY



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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 بعيدا عن الغبار



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Delayed Language Development in Children with Bronchial Asthma Aged 2-5 Years Old

Thesis

**Submitted for Partial Fulfillment of PhD
in Childhood Studies
(Care of children with special needs)
Medical Studies Department**

By

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Abdelrahman Shawky Ahmed



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List of Abbreviations

χ^2:	Chi square
AC:	Receptive language
ADD:	Attention Deficit Disorder
ADHD:	Attention deficit hyperactive disorder
ASD	Autistic spectrum disorder
ASQ:	Ages & Stages Questionnaires
BA	Bronchial Asthma
BMI:	Body Mass Index
CI:	Confidence interval
DLD:	Delayed language development
EC:	Expressive language
EIAO:	Exercise, induced airway obstruction
ENT	Ear-Nose-Throat
FeNO:	Fractional concentration of exhaled nitric oxide
GINA:	Global Initiative for Asthma
ICS:	Inhaled corticosteroids
IgE:	Immunoglobulin E
IQ:	Intelligence quotient
LABA:	Long-Acting Beta-Agonists

LDS:	Language development survey
OM:	Otitis media
PLS-4:	Preschool Language Scale, 4th edition
PLT:	Platelet count
PM	Particulate matter
QoL:	Quality of life
SABA:	Short-acting beta2-agonist
SB-5th	Stanford-Binet Intelligence Scale V edition
SD:	Standard Deviation
SLI:	Specific language impairment
SPSS:	Statistical Package for Social Sciences
TLC:	Total Leucocytic count
URTI:	Upper Respiratory Tract infection

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