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بالرسالة صفحات لم ترد بالاصل



Faculty of Medicine

VESTIBULAR FUNCTION EVALUATION IN SUBJECTS WITH NOISE INDUCED HEARING LOSS

Thesis

Submitted for partial fulfillment of the
requirements of the Master Degree in Audiology

By

Amira Mohammad A. El-Osseily

M.B.,B.Ch.

Supervised By

Dr. Mohammad Salama Bakr

Assistant Professor of Audiology

Faculty of Medicine-Assiut University

Dr. Amal Mohammad El-Attar

Lecturer of Audiology

Faculty of Medicine-Assiut University

Faculty of Medicine

Assiut University

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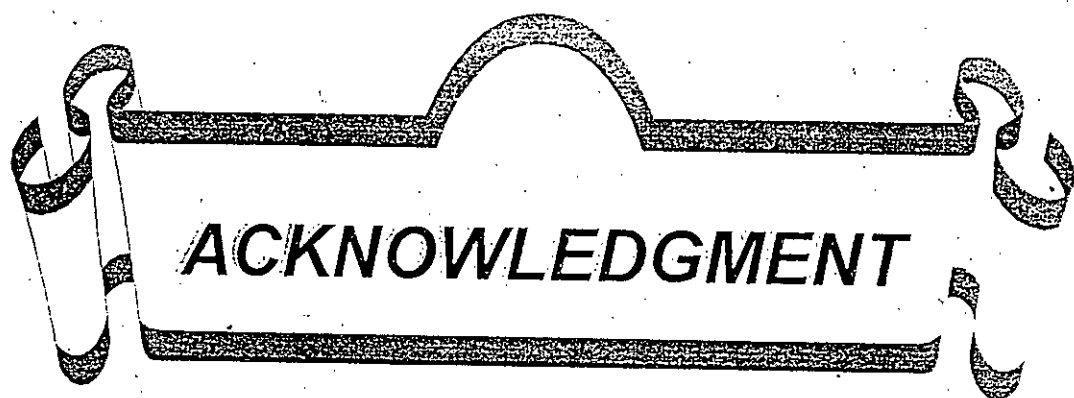
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قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

((صدق الله العظيم))

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Dedication

*To my husband and daughter,
to my mother and father,
to all my family,
and to everyone who gave me the
support, effort and time in order to
achieve this work.*

CONTENTS



CONTENTS

	Page
I. INTRODUCTION AND AIM OF THE WORK.....	1
II. REVIEW OF LITERATURE.....	3
A- Noise.....	3
1. Definition of noise.....	3
2. Types of noise.....	3
3. Sources of noise.....	4
4. Measurement of noise.....	6
5. Assessment of noise.....	8
B- Effect of noise on auditory system.....	10
1. Histopathology of noise induced hearing loss.....	12
2. Theories of noise induced hearing loss.....	15
C- Effect of noise on auditory function.....	17
1. Effects.....	19
2. Susceptibility or contributing factors.....	27
3. Interaction with drugs and chemicals.....	31
D- Extra-auditory effects of noise.....	33
E- Hearing conservation.....	43
F- Audiological characteristics of noise induced hearing loss	50
1. Subjective tests.....	50
2. Objective tests.....	53
G- Vestibular function tests concerning noise exposure.....	57
III. MATERIAL AND METHODS.....	61
IV. RESULTS.....	69
V. DISCUSSION.....	96
VI. CONCLUSION.....	104
VII. RECOMMENDATIONS.....	105
VIII. SUMMARY.....	107
IX. REFERENCES.....	109
X. ARABIC SUMMARY.....	..

LIST OF ABBREVIATIONS

ABR	: Auditory brainstem response.
ACOM	: American College of Occupational Medicine.
ALCAR	: Acetyl L-Carnitine.
ANOVA	: Analysis of Variance.
ANSI	: American National Standards Institute.
AP	: Action potential.
AR	: Acoustic reflex.
ATP	: Adenosine triphosphate.
CEP	: Cortical evoked potential.
CFs	: Characteristic frequencies.
CoA	: Coenzyme A.
dB	: Decibel.
dBA	: Decibel, A-weighted.
DPOAEs	: Distortion product otoacoustic emissions.
ECochG	: Electrocochleography.
ENG	: Electronystagmography.
ESWL	: Endoscopic shock wave lithotripsy.
FI	: Fixation index.
GSH	: Reduced glutathione.
HFA	: High frequency audiometry.
Hz	: Hertz.
kHz	: KiloHertz.
MLR	: Middle latency response.
nAChR	: Nicotinic acetylcholine receptors.
NIH	: National Institute of Health.
NIHL	: Noise induced hearing loss.
NIOSH	: National Institute for Occupational Safety and Health.
NIPTS	: Noise induced permanent threshold shift.

NMDA	: N methyl D-Aspartate.
OAEs	: Otoacoustic emissions.
ONHS	: Occupational noise and hearing survey.
ONIHL	: Occupational noise induced hearing loss.
OSHA	: Occupational Safety and Health Administration.
PEL	: Permissible exposure level.
PHPDs	: Personal hearing protection devices.
PTA	: Pure tone audiometry.
PTS	: Permanent threshold shift.
SEOAEs	: Spontaneous evoked otoacoustic emissions.
SHA	: Smooth harmonic acceleration.
SP	: Summation potential.
SPL	: Sound pressure level.
SRT	: Speech reception threshold.
SSEPs	: Steady state evoked potentials.
SVR	: Slow vertex response.
TDTs	: Tone decay tests.
TEOAEs	: Transient evoked otoacoustic emissions.
TTS	: Temporary threshold shift.
TWA	: Time weighted average.
USDOL	: United States Department of Labor.
VOR	: Vestibulo-ocular reflex.
WHO	: World Health Organization.

LIST OF TABLES

	Title	Page
Table 1:	The maximum allowable daily noise exposure.....	9
Table 2:	Age and gender distribution of study and control groups.....	69
Table 3:	Classification of study subjects into different age groups.....	70
Table 4:	Duration of noise exposure in the study group.....	70
Table 5:	The noise level in the selected noisy departments of Assiut University Hospital.....	70
Table 6:	Average pure tone thresholds of right ears in the study and control groups.....	71
Table 7:	Average pure tone thresholds of left ears in the study and control groups.....	72
Table 8:	Mean and standard deviation of pure tone thresholds of the right ears in symmetrical and asymmetrical hearing loss.....	73
Table 9:	Mean and standard deviation of pure tone thresholds of the left ears in symmetrical and asymmetrical hearing loss.....	74
Tab. 10:	Mean and standard deviation of pure tone thresholds of subjects with asymmetrical hearing loss in the right versus left ears.....	74
Tab. 11:	Percentage of subjects with hearing thresholds below and above 40 dB.....	76
Tab. 12:	Classification of subjects according to the different degrees of hearing loss at 4000 Hz	77
Tab. 13:	Mean and standard deviation of pure tone thresholds of the right and left ears at 4 kHz in different age groups.....	78