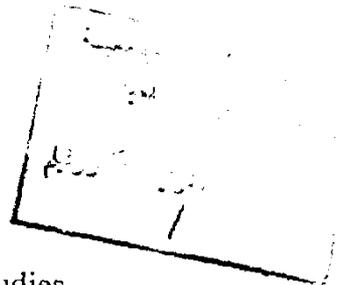


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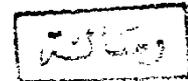
Lipid Profile in Epileptic Egyptian Children

Thesis
Submitted for Partial Fulfilment
Of Master Degree in Medical Childhood Studies



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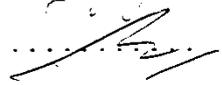
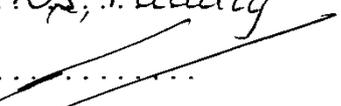
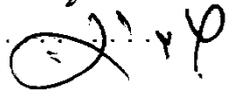
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1993

DISCUSSION AND JUDGMENT COMMITTEE

The vice-president for higher studies and research of Ain-Shams University has approved to form the following committee for the discussion of Mr. *Hanan Abd Allah Et. Gamal*

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بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ

وَمَا أُوتِیْتُمْ مِنَ الْعِلْمِ إِلَّا قَلِیْلًا

صدق الله العظيم

الاسراء آية ٨٥

To

My Husband, Kids, Mother, Mother, Mother, FATHER and Brother

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List of Abbreviations

- HDL (HDLs) High density lipoproteins.
- HDL-C High density lipoprotein cholesterol.
- HMG COA Hydroxymethyl - glutaryl Co-enzyme A.
- IDL(IDLs) Intermediate density lipoproteins.
- Ig Immunoglobulin.
- LCAT Lecithin cholesterol acyl transferase.
- LDL (LDLs) Low density lipoproteins.
- LDL-C Low density lipoprotein cholesterol.
- LPL Lipoprotein Lipase.
- VLDL (VLDLs) Very low density lipoproteins.

Introduction

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Low levels of HDL-cholesterol appear to contribute independently to accelerate risk of atherosclerosis where high levels of HDL-cholesterol appear to retard the process (Abbott et al., 1988). Since HDL-cholesterol content is inversely related to coronary heart disease, it seems important to measure these changes in serum lipids in children who are treated for epilepsy (Castelli et al., 1975).

Aim of the Work

Aim of The Work

- 1 - To asses the effect of antiepileptic drugs on serum lipid.
- 2 - To asses the different effects of different anticonvulsant treatment on serum lipid.
- 3 - To determine the atherogenic indices in these children.