SERUM IgA AND SECRETORY IgA IN EGYPTIAN DIABETICS

Thesis Submitted for the Partial Fulfillment of the Master Degree in Internal Medicine

By

Tarek Rashed Mohammed Ahmed

M.B., B.Ch.

Supervised by

Prof. Dr. Mootassem Salah Amer

Professor of Internal Medicine

Faculty of Medicine-Ain Shams University

Prof. Dr. Ibrahim Abdallah

Professor of Internal Medicine

Faculty of Medicine-Ain Shams University

Prof. Dr. Ibrahim Khalil

Professor of Clinical Pathology

Faculty of Medicine-Ain Shams University

Faculty of Medicine

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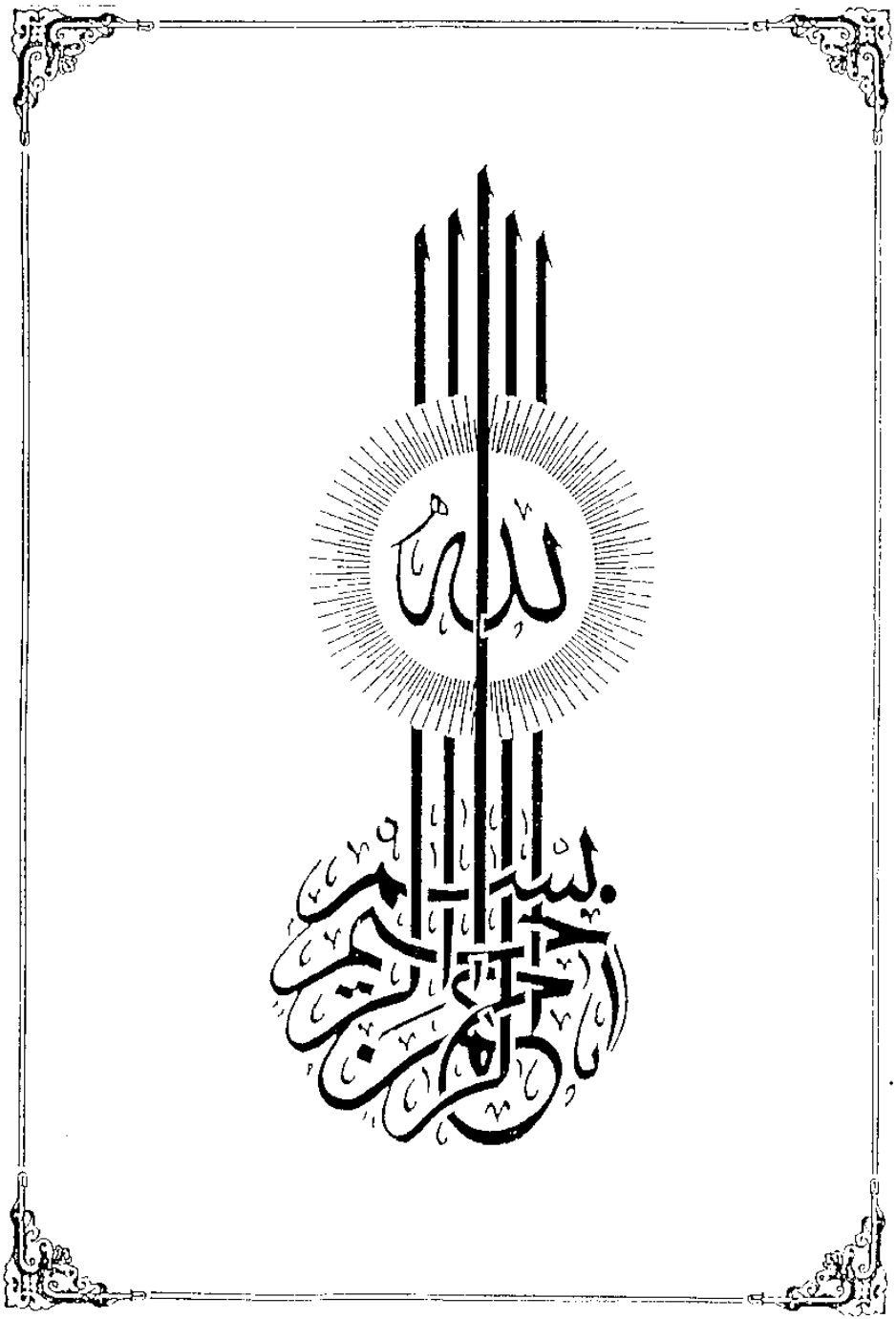

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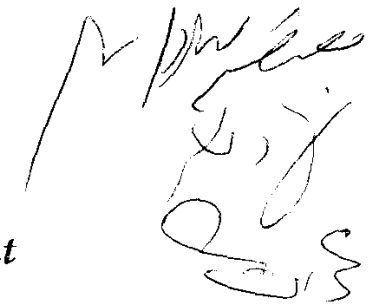

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Introduction and Aim of the Work

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INTRODUCTION AND AIM OF THE WORK

Amer et al., (1990) found that IgA in the gastric mucosa and intestinal mucosa is lower than normal by immunofluorescent study. Also in thyrotoxicosis and myxedema, they found significant changes in all types of immunoglobulins by immunofluorescent study of mucosal samples. Various workers found hyperglobulinemia in diabetics and various other endocrine syndromes.

So the aim of this work is to study any relationship if present between serum IgA and gastric juice secretory IgA.

Twenty diabetics will be the material of this work, 10 insulin dependent diabetes mellitus (IDDM) type I, 10 non-insulin dependent diabetes mellitus (NIDDM) type II and 10 normal controls.

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They will be studied as follows:

1. Full history and clinical examination.
2. Routine laboratory investigations.
    [a] Fasting blood sugar (FBS).
    [b] Post-prandial blood sugar (PPBS).
    [c] Serum creatinine.
    [d] Blood urea.
    [e] Urine analysis.
    [f] Stool analysis.
3. Serum immunoglobulin A.
4. Secretory IgA in gastric juice.

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Review of Literature

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