# Adipose tissue in relation to endocrine and metabolic risk

## **Essay**

Submitted for partial fulfillment of Master Degree (M.SC.) in Endocrinology and Metabolism

## Presented by

#### Ahmed Abd El-kawi Hammad

*M.SC. Internal medicine (Cairo University)*Diabetes & Endocrinology clinic –Kasr Al Aini

## Supervised by

# Dr.Zainab Abd El-Bassit Hassan

Professor and Chairman of Endocrinology and Metabolism Department
Faculty of Medicine (Girls)
Al-Azhar University

# Dr. Tarek Aly Hassan

Professor of Endocrinology and Metabolism Faculty of Medicine (Girls) Al-Azhar University

# Dr. Fatma Kamel Hammad

Professor of Endocrinology and Metabolism Faculty of Medicine (Girls) Al-Azhar University

## Dr.Dina Mohammed Mohammed Abaza

Assistant professor of Endocrinology and Metabolism
Faculty of Medicine (Girls)
Al-Azhar University

Faculty of Medicine (Girls) Al-Azhar University 2007

# Summary

Adipose tissue is no longer considered as an inert tissue its only usage is for the storage of energy. It is now considered as an endocrine organ and this is due to lots of substances being secreted by it. This work has shown that an increase in the fat content of the body is hazardous and the most dangerous is the abdominal fat due to the substances secreted by it and their metabolic effect.