



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل

Role of Metformin in Polycystic Ovary Syndrome

ESSAY

Submitted for Partial Fulfillment
Of The Master Degree
In Obstetrics and Gynaecology

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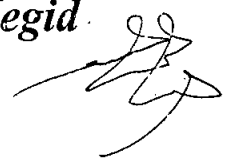
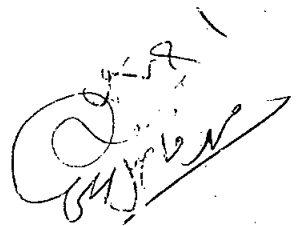
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بسم الله الرحمن الرحيم

﴿قالوا سبحانك لا علم لنا إلا ما علمتنا﴾

إنك أنت العليم الحكيم﴾

(صدق الله العظيم)

(سورة البقرة - ٣٢)

Key Words : Metformin with polycystic ovary syndrome

Raised insulin levels are now recognized as a feature of PCOS, and hyperinsulinemia has been shown to contribute to ovarian over production of androgen. Insulin-lowering therapies, such as metformin, can bring about improvements in insulin resistance and ovarian hyperandrogenism. Metformin reduces plasma levels of LH, hyperinsulinism and ovarian level of androgens. This is the rational basis for its use in the treatment of PCOS.

ACKNOWLEDGEMENT

I would like to begin by thanking **GOD** for granting me the ability to complete this work.

It is with deep appreciation and gratitude that I acknowledge the great help of **Prof. Dr. Mahmoud Khamies Abdel Rahman**, Professor of Obstetrics and Gynecology, Faculty of Medicine, Cairo University, for his kind assistance, continuous support and supervision which were essential for the completion of this work.

I would like to express my thanks to **Assist. Prof. Dr. Abdel Megid Aly Abdel Megid**, Assistant Professor of Obstetrics and Gynecology, Faculty of Medicine, Cairo University, for his help and continuous guidance throughout this work.

I am also extremely indebted to **Dr. Dalia Youssef Mahmoud**, Lecturer of Obstetrics and Gynecology, Faculty of Medicine, Cairo University, for her help and assistance throughout all stages of this work.

List of Abbreviations

ACTH	: Adrenocorticotrophic Hormone
BBT	: Basal Body Temperature
BMI	: Body Mass Index
CC	: Clomiphene Citrate
CNS	: Central Nervous System
COH	: Controlled Ovarian Hyperstimulation
DHEA	: Dehydroepiandrosterone
DHEAS	: Dehydro-epiandrosterone Sulphate
DNA	: Deoxy-ribo Nucleic Acid
E₂	: Estradiol
FSH	: Follicle Stimulating Hormone
GH	: Growth Hormone
GnRH	: Gonadotropin Releasing Hormone
GnRH-a	: Gonadotropin Releasing Hormone-Agonist
HCG	: Human Chorionic Gonadotropin
HMG	: Human Menopausal Gonadotropin
IGF	: Insulin-Like Growth Factor
IGFBP	: Insulin-Like Growth Factor Binding Protein
IUI	: Intra Uterine Insemination
IVF	: In Vitro Fertilization
LH	: Luteinizing Hormone
LHRH	: Luteinizing Hormone Releasing Hormone
MRNA	: Messenger Ribo Nucleic Acid
MSA	: Multiplication Stimulating Activity
OHSS	: Ovarian hyperstimulation syndrome
OMI	: Oocyte Maturation inhibitor
PAI	: Plasminogen Activator Inhibitor
PCO	: Polycystic Ovary
PCOD	: Polycystic Ovarian Disease
PCOS	: Polycystic Ovarian Syndrome
RLH	: Recombinant Luteinizing Hormone
SHBG	: Sex Hormone Binding Globulin
SHBGBC	: Sex Hormone Binding Globulin Binding Capacity
T	: Testosterone
TRH	: Thyrotropin Releasing Hormone
WHO	: World Health Organization

