شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

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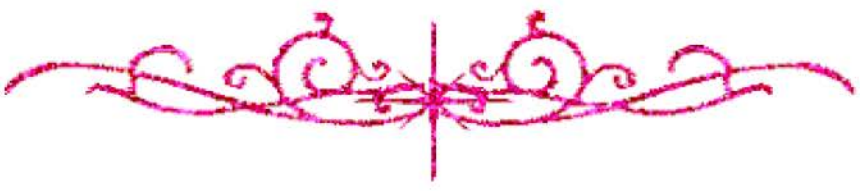
بعض الوثائق الأصلية تالفة



بالرسالة صفحات لم ترد بالأصل

Ambulatory ECG Monitoring As A Predictor Of Cardiac Autonomic Dysfunction In Young Type I Diabetic Patients

Thesis
Submitted for Partial Fulfillment of
The Master Degree In Pediatrics

By

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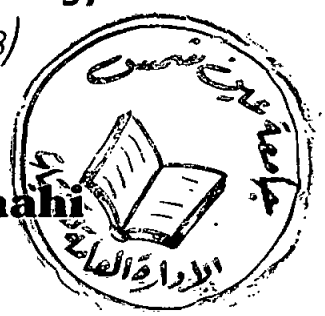

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2002

Dedication

To

My Family

Acknowledgment

My deepest gratitude and thanks to **God** *the most merciful for guiding me through and giving me the strength to complete this work the way it is.*

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Soha Mohamed Mohamed

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List of Abbreviations

AGE	:	Advanced glycation end products.
AIA	:	Anti-insulin antibodies.
ALCAR	:	Acetyl-L-carnitine.
ARIs	:	Aldose reductase inhibitors.
BG	:	Blood glucose.
BM	:	Basement membrane.
BSA	:	Bovine serum albumin.
CAN	:	Cardiac autonomic neuropathy.
CVR	:	Cardiovascular reflex tests.
DCCT	:	Diabetes control and complications trail.
DKA	:	Diabetic ketoacidosis.
DM	:	Diabetes mellitus
DN	:	Diabetic neuropathy.
ECG	:	Electrocardiogram.
GABA	:	γ aminobutyric acid.
GAD	:	Glutamic acid decarboxylase.
GDM	:	Gestational diabetes mellitus.
GLA	:	Gamma linolenic acid.
Hb	:	Hemoglobin.
HbA_{1C}	:	Glycated hemoglobin.
HDL	:	High density lipoprotein.
HF	:	High frequency
HLA	:	Human leucocyte antigen.
HR	:	Heart rate.
hr	:	Hour.
HRV	:	Heart rate variability.
HS	:	Highly significant.
IAA	:	Insulin auto-antibodies.
ICA	:	Islet cell antibodies.

List of Abbreviations (Cont.)

IDDM	:	Insulin dependent diabetes mellitus.
IFG	:	Impaired fasting glycemia.
IGT	:	Impaired glucose tolerance.
IHD	:	Ischemic heart disease.
ISPAD	:	International society for pediatric and adolescent diabetes.
LDL	:	low density lipoprotein.
LF	:	Low frequency
LV	:	Left ventricle.
MI	:	Myocardial infarction.
min	:	Minute.
MODY	:	Maturity onset diabetes in the young.
MRBS	:	Mean random blood sugar.
MRDM	:	Malnutrition related diabetes mellitus.
NIDDM	:	Non-insulin dependent diabetes mellitus.
NO	:	Nitric oxide.
NS	:	Non significant.
OGTT	:	Oral glucose tolerance test.
PCR	:	Polymerase chain reaction.
S	:	Significant.
Sec	:	Second.
SMBG	:	Self-monitoring of blood glucose.
TG	:	Triglycerides.
ULF	:	Ultra low frequency.
VLF	:	Very low frequency.
WHO	:	World health organization.
yr	:	Year.