



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



HANAA ALY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



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The Relationship between Visceral Adiposity Form of (Non-Alcoholic Fatty Liver Disease and Increased Epicardial Adipose Tissue Mass) with Coronary Artery Disease

Thesis

*Submitted for Partial Fulfillment of the Master Degree
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

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List of Abbreviations

<i>Abbr.</i>	<i>Full term</i>
AGEs	Advanced glycation end products
ALT	Alanine aminotransferase
AM	Adrenomedulin
ASCVD	Atherosclerotic Cardiovascular Disease
AST.....	Aspartate aminotransferase
AT	Adipose tissue
BMI	Body Mass Index
CABG	Coronary artery bypass grafting
CAD	Coronary artery disease
CoA	Coenzyme A
CT	Computed Tomography
CV	Cardio Vascular
DEXA	Dual energy x-ray absorptiometry
DM.....	Diabetes Mellitus
EAT	Epicardial adipose tissue
FABP4/aP2.....	Fatty acid-binding protein 4 adipocyte Protein 2
FFA	Free fatty acid
FIB-4	Fibrosis-4

List of Abbreviations

Gamma GT	.....	Gamma-glutamyl transferase
HbA1c	.....	Hemoglobin A1c
HDL	.....	High density lipoprotein
HOPE	.....	Heart Outcomes Protection Evaluation
HT	.....	Hypertension
IBM	.....	International Business Machines
ICAM-1	.....	Intercellular Adhesion Molecule 1
IL-1 β	.....	Interleukin 1 beta
IL-6	.....	Interleukin 6
IL-8	.....	Interleukin 8
IMT	.....	Intima Media Thickness
LDS	.....	Lipodystrophy
MCAP-1	.....	Monocyte Chemo Attractant protein 1
MRI	.....	Magnetic Resonance Imaging
mRNA	.....	Messenger RNA
MRS	.....	Magnetic Resonance Spectroscopy
MS	.....	Metabolic Syndrome
NAFLD	.....	Non-Alcoholic Fatty Liver Disease
NASH	.....	Nonalcoholic Steatohepatitis
NO	.....	Nitric Oxide
NS	.....	No Steatosis
PAI-1	.....	Plasminogen Activator Inhibitor-1

List of Abbreviations

P-value	.....	Probability Value
RAS	.....	Renin-Angiotensin System
RBCs	.....	Red Blood Cells
ROC	.....	Receiver Operating Characteristic
ROS	.....	Reactive Oxygen Species
SAT	.....	Subcutaneous Adipose Tissue
SPSS	.....	Statistical Package for the Social Sciences
TNF- α	.....	Tumor Necrosis Factor- alpha
U/S	.....	Ultra Sound
VAT	.....	Visceral Abdominal Adipose Tissue
VCAM-1	.....	Vascular Cell Adhesion Molecule 1
VLDL	.....	Very-Low-Density Lipoprotein
VSMCs	.....	Vascular Smooth Muscle Cells

