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**CAROTID ARTERY INTIMA-MEDIA THICKNESS
AND DIAMETER AND THEIR CORRELATION WITH
RISK FACTORS OF CARDIOVASCULAR DISEASE
INCLUDING PLASMA HOMOCYSTEINE LEVEL**

**THESIS SUBMITTED IN PARTIAL FULFILLMENT FOR
THE MASTER DEGREE IN INTERNAL MEDICINE**

BY

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Ragaa.

To My Family

LIST OF ABBREVIATIONS

ABI	Ankle Brachial Index
ACE	Angiotensine Converting Enzyme
AGE	Advanced Glycation End products
ALP	Atherogenic Lipoprotein phenotype.
BMI	Body Mass index.
CABG	Coronary Artery Bypass Graft.
CAD	Coronary Artery Disease.
CBS	Cystathionine Beta-Synthase.
CCA	Common Carotid Artery.
CD	Cluster Determinant.
CHD	Coronary Heart Disease.
CRP	C-Reactive Protein
CVD	Cardio Vascular Disease.
CVRF	Cardio Vascular Risk Factors.
DBP	Diastolic Blood Pressure
DM	Diabetes Mellitus.
DNA	Deoxy Ribo Nucleic Acid.
EBCT	Electric Beam Computerized Tomography
ECG	Electro Cardiography
EDTA	Ethylene Diamine Tetra Acetic Acid.
FAD	Flow Associated Dilatation.
FFA	Free Fatty Acids.
FGF	Fibroblast Growth Factor.
FH	Family history

GP	Glycoprotein.
Hcy	Homocysteine.
HDL	High Density Lipoproteins.
ICA	Internal Carotid Artery.
ICAM	Intra Cellular Adhesion Molecule.
IDDM	Insulin Dependent Diabetes Mellitus.
IDL	Intermediate- Density Lipoprotein.
IHD	Ischaemic heart Disease
IL	Interleukin.
IMT	Intima Media Thickness.
IP	Isoprostanes.
LDL	Low Density Lipoproteins.
LPL	Lipoprotein Lipase.
LVH	Left Ventricular Hypertrophy.
MBP	Mean Blood Pressure.
MCP	Macrophages, Chemoattractant Protein.
MI	Myocardial Infarction.
MLT	Methionine- Leading test.
mm-LDL	minimally modified Low Density Lipoprotein.
mox-LDL	mildly oxidized- Low Density lipoprotein.
MRI	Magnetic Resonance Imaging
MTHFR	Methyl Tetra Hydro Folate Reductase.
NIDDM	Non Insulin Dependent Diabetes Mellitus.
NO	Nitric Oxide.
ox-LDL	oxidized Low Density Lipoproteins.

PAI	Plasminogen Activator Inhibitor.
PDGF	Platelet-Derived Growth Factor.
PG	Prostaglandin.
PP	Postprandial
PTCA	Percutaneous Transluminal Coronary Angioplasty.
RF	Radio Frequency.
RNA	Ribo Nucleic Acid.
SBP	Systolic Blood Pressure.
SR	Scavenger Receptors.
TG	Triglyceride.
TGRL	Triglyceride- Rich Lipoproteins.
TMP	1,1,3,3 tetramethoxypropan
TNF	Tumor Necrosis Factor.
tPA	Tissue Plasminogen Activator.
TF	Tissue Factor.
VCAM	Vascular Cell Adhesion Molecules.
VLDL	Very Low Density Lipoproteins.
WHR	Waist- hip Ratio.
WHO	World Health Organization.

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