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INCREASED CAROTID INTIMA-MEDIA THICKNESS AS A PREDICTOR OF THE PRESENCE OF ABNORMAL MYOCARDIAL PERFUSION IN TYPE 2 DIABETES MELLITUS

Thesis

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قَالُوا سُبْحَانَكَ
لاَ عِلْمَ لَنَا
إِلاَّ مَا عَلَّمْتَنَا
إِنَّكَ أَنتَ
الْعَلِيمُ الْحَكِيمُ
صدق الله العظيم
سورة البقرة الآية
(32)

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List Of Abbreviations

ABI	Ankle-Brachial Blood Pressure Index
ACAPS	Asymptomatic Carotid Artery Progression Study
ACC	American colleague of cardiology
ACE	Angiotensin converting enzyme
AHA	American Heart Association
AoIMT	Aortic intima media thickness
BP	Blood pressure
C3	Complement 3
CABG	Coronary artery bypass grafting
CAC	Coronary artery calcification
CAD	Coronary artery disease
CCA	Common carotid artery
CFVR	Coronary flow velocity reserve
C-GMP	Cyclic guanosine monophosphate
CHD	Coronary heart disease
CIMT	Carotid intima media thickness
CNS	Central nervous system
CRP	C-reactive protein
CT	Computed tomography
CVD	Cerebro-vascular disease
DM	Diabetes mellitus
DSA	Digital subtraction angiography
EBT	Electron beam tomography
ECA	External carotid artery
ER	Endoplasmic reticulum
FBS	Fasting blood sugar
FH	Family history

FMD	Flow-mediated dilatation
FN	False negative
FP	False positive
GDM	Gestational diabetes mellitus
HDL	High density lipoprotein
HMG-CoA	Hydroxymethylglutaryl coenzyme A
hsCRP	High sensitive C-reactive protein
HTN	Hypertension
ICA	Internal carotid artery
IDDM	Insulin dependent diabetes mellitus
IFG	Impaired fasting glycemia
Ig	Immunoglobulin
IGT	Impaired glucose tolerance
IHD	Ischemic heart disease
IL	Interleukin
IMT	Intima media thickness
IRS	Insulin resistance syndrome
ITA	Internal thoracic artery
KAPS	Kuopio Atherosclerosis Prevention Study
LDL	Low density lipoprotein
LIMT	Left intima media thickness
Lp	Lipoprotein
LV	Left ventricle
LVEF	Left ventricular ejection fraction
MCP-1	Monocyte chemoattractant protein 1
M-CSF	Macrophage colony stimulating factor
MHz	Mega-hertz
MODY	Maturity onset diabetes of the young
MRA	Magnetic resonance angiography
MRI	Magnetic resonance imaging

NASCET	North American Symptomatic Carotid Endarterectomy Trial
NGT	Normal glucose tolerance
NIDDM	Non-insulin dependent diabetes mellitus
№	Number
O2–	Superoxide anion
Oral HG	Oral hypoglycemic drug
P	Probability of chance (significance)
PAD	Peripheral arterial disease
PET	Positron emission tomography
PPBS	Postprandial blood sugar
RIMT	Right intima media thickness
SD	Standard deviation
THR	Target heart rate
TIA	Transient ischemic attack
TN	True negative
TP	True positive
UTI	Urinary tract infection
VD	Vessel disease
VLDL	Very low density lipoprotein
WHO	World health organization