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List of Abbreviations

<i>Abbreviation</i>	<i>Meaning</i>
AbTPO	Antithyroid peroxidase Antibodies
ALT	Alanine transaminase
ARIC	Atherosclerosis Risk In communities
ASE	American Society of Echocardiography
CAPRIE	The Clopidogrel Versus Aspirin in Patients at Risk of Ischemic Events
CAPS	Carotid Atherosclerosis Progression Study
CCA	Common Carotid Artery
CHC	Chronic hepatitis C
CHD	Coronary heart disease
CI	Confidence interval
CIMT	Carotid intima media thickness
CMV	Cytomegalovirus
CRP	C reactive protein
CV	Cardiovascular
CVD	Cardiovascular disease
DM	Diabetes mellitus
ECAT	European Concerted Action on Thrombosis and Disabilities
EF	Ejection fraction
FMD	Flow mediated dilatation
FS	Fractional shortening
HBV	Hepatitis B virus
HCC	Hepatocellular carcinoma
HCV	Hepatitis C virus
HDL	High-density lipoprotein
HDL-C	High-density lipoprotein cholesterol
HF	Heart failure
HIV	Human immunodeficiency virus
hs-CRP	Highly sensitive C reactive protein

ICA	Internal Carotid Artery
ICAM-1	Intercellular adhesion molecule-1
IDL	Intermediate density lipoprotein
IgG	Immunoglobulin G
IgM	Immunoglobulin M
IL 1 β	Interleukin-1 β
IL-6	Interleukin-6
IMT	Intima media thickness
IRES	International Ribosome Entry Site
KIHD	Kuopio Ischemic Heart Disease Risk Factor Study
LA	Left atrium
LDL	Low-density lipoprotein
LDL-C	Low-density lipoprotein cholesterol
LV	Left ventricle
MDSC	Malmö Diet and Cancer Study
MI	Myocardial Infarction
MOHP	Ministry of Health & Population
MRFIT	Multiple Risk Factor Intervention Trial
NAFLD	Non Alcoholic Fatty Liver Disease
NCEP	National Cholesterol Education Program
NHANES-I	The National Health & Nutrition Examination Survey
PAD	Peripheral artery disease
PCR	Polymerase chain reaction
PROCAM	The Prospective Cardiovascular Münster
RF	Rheumatoid Factor
RNA	Ribonucleic acid
RR	Relative Risk
RV	Right ventricle
SVR	Sustained Virological Response
The PRIME study	Prospective Epidemiological Study of Myocardial Infarction study
UA	Uric acid

USA	United states of America
UTR	Untranslated Region
VCAM-1	Vascular cell adhesion molecule
VLDL	Very low-density lipoprotein
WBC	White blood cell
WHO	World Health Organization
FRS	Framingham risk score

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Protocol





Introduction





Aim of the Work





Review of Literature





Chapter (1)

Atherosclerosis





Chapter (2)

Hepatitis C Viral Infection

