Lipid Profile and High Sensitivity C-Reactive Protein in Patients with Rheumatoid Arthritis

Thesis

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وأنزل الله عليك
الكتاب والحكمة
وعَلَّمَكَ مَا لَمْ تَكُن
تَعْلَمُ وكَانَ فَضْلُ اللَّهِ
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Candidate

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List of Abbreviations

Abbr.	Full-term
ACAT	: Acyl-coenzyme A: cholesterol acyltransferase
ACPAs	: Anti-citrullinated protein antibodies
ACR	: American College of Rheumatology
AF	: Atrial fibrillation
ALT	: Alanine aminotransferase
anti-CCP	: Anti-cyclic-citrullinated peptide antibody
APCs	: Antigen-presenting cells
ASA	: Aminosalicylates
AST	: Aspartate aminotransferase
ATR-1	: Angiotensin type 1 receptor II
BeSt	: Behandel Strategieen
BUN	: Blood urea nitrogen
CAC	: Coronary artery calcium
CBC	: Complete blood count
CDAI	: Clinical Disease Activity Index
CHD	: Coronary Heart Disease
COBRA	: Combination Therapy Trial in Early RA
CRP	: C- Reactive protein
CV	: Cardiovascular
CVD	: Cardiovascular disease
CZP	: Certolizumab
DAS	: Disease activity score
DHEA	: Dehydroepiandrosterone
DHFR	: Dihydrofolate reductase
DHODH	: Dihydroorotate dehydrogenase
DIP	: Distal Interphalangeal Joint

DM : Diabetes mellitus
DMARD : Disease-modifying anti-rheumatic drug
DZ : Dizygotic
EBV : Epstein bar virus
ECM : Extracellular matrix
eGFR : Estimated glomerular filtration rate
EPC : Endothelial progenitor cells
ESR : Erythrocyte sedimentation rate
EULAR : European League Against Rheumatism
FLS : Fibroblast-like synoviocytes
GI : Gastrointestinal
HAQ : Health Assessment Questionnaire
HCQ : Hydroxychloroquine
HDL : High density lipoprotein
Hgb : Hemoglobin
HIF-1 : Hypoxia-inducible factor 1
HLA : Human leukocyte antigen
HS-CRP : High sensitivity C- reactive protein
HSPs : Heat shock proteins
HTLV-I : Human T-lymphotropic virus type I
IgG : Immunoglobulin G
IL : Interleukin
ITAM : Immune receptor tyrosine-based activation motifs
kD : Kilo Dalton
LDL : Low density lipoprotein
LEF : Leflunamide
LGL : Large granular lymphocyte
LPL : Lipoprotein lipase
MAB : Monoclonal antibody
MAC : Membrane attack complex

MCP : Metacarpophalangeal Joint
MCP : Monocyte chemotactic protein
mCRP : Monomeric CRP
MCV : Mutated citrullinated vementin
MHC : Major histocompatibility complex
MI : Myocardial infarction
MRFIT : Multiple risk factors international trial
MRI : Magnetic Resonance Imaging
MTP : Metatarsophalangeal
MTP : Microsomal triglyceride transfer protein
MTX : Methotrexate
MZ : Monozygotic
NCEP : National Cholesterol Education Program
NO : Nitric oxide
NSAIDS : Non steroidal anti-inflammatory drugs
OPG : Osteoprotegrin
PAI : Plasminogen activator inhibitor
PCRP : Pentameric CRP
PEG : Polyethyelene glycol
PIP : Proximal Interphalangeal Joint
PKT : Tyrosine protein kinase
PMF : Progressive massive fibrosis
RA : Rheumatoid arthritis
RF : Rheumatoid factor
RHUIL-1 : Recombinant human interleukin-1
RUMP : Ribonucleotide uridine monophosphate pyrimdine
SAP : Serum amyloid P
SD : Standard deviation
SDAI : Simplified Disease Activity Index
SE : Shared Epitope

SF : Short form
SRC : Sarcoma family kinase
SSZ : Sulfasalazine
SYK : Spleen tyrosine kinase
TfR : Transferrin receptor
TGs : Triglycerides
TLRs : Toll-like receptors
TNF : Tumor necrosis factor
Tregs : Regulatory T cells
ULN : Upper limit of number
VAS : Visual analogue scale
VEGF : Vascular endothelial growth factor
VLDL : Very low density lipoprotein
VTE : Venous thromboembolism
WBCs : White blood cells

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