Early Myocardial Perfusion Abnormalities in Premenopausal Females with Systemic Lupus Erythematosus

Thesis

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By

Sameh Abdel-Moteleb Hassan

M.B.B.Ch., M. Sc. (Internal Medicine) Faculty of medicine - Ain Shams University

Supervised by

Professor Doctor Mohamed Salah El-Din Abdel-Baky

Professor of Internal Medicine Faculty of Medicine - Ain Shams University

Professor Doctor Abd El-Azim Mohamed El-Hefny

Professor of Internal Medicine Faculty of Medicine - Ain Shams University

Doctor Salah El-Din Hamdi Demerdash

Assistant professor of Cardiology Faculty of Medicine - Ain Shams University

Doctor Dahlia Abd El-Mohsen Hussein

Assistant professor of Internal Medicine Faculty of Medicine - Ain Shams University

Doctor Eman Ahmed Hafez

Assistant professor of Internal Medicine Faculty of Medicine - Ain Shams University

Faculty of Medicine - Ain Shams University 2007

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سامح عبد المطلب حسن

بكالوريوس الطب والجراحة العامة ماحستد الناطنة العامة

تحت إشراف

الأستاذ الدكتور محمد صلاح الدين عبد الباقى الأستاذ الامراض الباطنة

كلية الطب – جامعة عين شمس

الأستاذ الدكتور عبد العظيم محمد الحفنى الأستاذ الدكتور عبد العظيم

كلية الطب - جامعة عين شمس

الدكتور صلاح الدين حمدى دمرداش

أستاذ مساعد أمراض القلب

كلية الطب - جامعة عين شمس

الدكتورة داليا عبد المحسن حسين

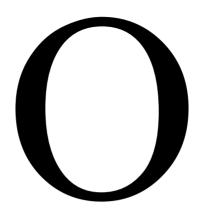
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قَالُواْ سُبْحَانَكَ لاَ عِلْمَ لَنَا إِلاَّ مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

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List of abbreviations

AI : Activity index

ACLE : Acute cutaneous lupus erythematosus ACR : American college of rheumatology

ANA : Antinuclear antibodies
Anti-dsDNA : Anti double stranded DNA

Anti-snRNP : Anti small nuclear ribonuclear protein

ALT : Alanine transferase
AST : Aspartate transferase
ATP : Adenosine triphosphate
AS : Ankylosing spondylitis

Apo-A1 : Apolipoprotein -1

APLA : antiphospholipid antibodies

APS : Antiphospholipid antibody syndrome

Bcl-2 : B cell lymphoma / leukemia 2
BLyS : B-lymphocyte stimulator
BUN : Blood urea nitrogen

BILAG : British isles assessment group

BHMT : Betaine homocysteine methyl transferase

BMD : Bone mineral density
β2-GP1 : Beta-2 glycoprotein 1
CD : Cluster of differentiation

CD40L : CD40 ligand
CSF : Cerebrospinal fluid
CLI : Chronic lesion index
CNS : Central nervous system
Cox 2 : Cyclooxygenase 2

CCLE : Chronic cutaneous lupus erythematosus

C1q : Complement 1q

CH50 : Total serum haemolytic complement

Cr. Cl : Creatinine clearance
CRP : C-reactive protein
CT : Computed tomography

C3 : Complement 3 C4 : Complement 4

CBC : Complete blood count
CVD : Cardiovascular disease
CHD : Coronary heart disease
CBS : Cystathionine β synthase

DBP : Diastolic blood pressure DHEA : Dehydroepiandrosterone

DHEAS : Dehydroepiandrosterone sulphate
DLE : Discoid lupus erythematosus
DRVVT : Dilute russel viper venom time

ELISA : Enzyme linked immunosorbent assay

ESR : Erythrocyte sedimentation rate

ECG : Electrocardiography
EIA : Enzymatic immunoassay

FANA : Fluorescent antinuclear antibody

FMD : Flow mediated dilation GAI : Glomerular activity index GFR : Glomerular filteration rate

HGB : Hemoglobin

HDL : High density lipoprotein

Hcy : Homocysteine

HHcy : Hyper homocysteinemia HS : Homocysteine synthase HLA : Human leucocytic antigen

ICAM-1 : Intracellular adhesion molecule- 1

IFI : Immunofluorescence index
IIF : Indirect immunofluorescence
IMT : Intimal media thickness

IMT : Intimal media thickness

IFN : Interferon

Ig : Immunoglobulin
II. : Interleukin

ISN/RPS : International society of nephrology/Renal

pathology society

KDa : Kilo Dalton

LDL : Low density lipoprotein

LV : Left ventricular
LAC : Lupus anticoagulant
LPL : Lipoprotein lipase

MBP : Mannose binding protein

MCP-1 : Monocyte chemoattractant peptide-1
MCTD : Mixed connective tissue disease
MHC : Major histocompatibility complex

MI : Myocardial infarction

MPI : Myocardial perfusion imaging

METs : Metabolic equivalents

MS : Methionine synthase

MTHFR : Methylene tetrahydrofolate reductase

: Micromole/litre umol/L

: Milligram mg : Microgram μg mCi. · Millicuries

: National institute of health NIH

: Natural killer cells NK cells

NSAIDs : Nonsteroidal anti-inflammatory drugs **PAPS** : Primary antiphospholipid antibody

PAS : Periodic Acid Schiff

PBMCs : Peripheral blood mononuclear cells

PBS : Phosphate buffered saline **PDGF** : Platelet derived growth factor **PNL** : Polymorphonuclear leucocytes

PAD : Peripheral arterial disease

Plt. · Platelets

PON-1 : Paraoxonase-1 **RBCs** : Red blood cells

ROS : Reactive oxygen species : Rheumatoid arthritis RA : Radial immune diffusion RID **SBP** : Systolic blood pressure SD : Standard deviation

SLE : Systemic lupus erythematosus

SLEDAI : Systemic lupus erythematosus disease activity index

: Smith Sm

SnRNP : Small nuclear ribonuclear protein

SRS : Summed rest score

SDS · Summed difference score

SSS : Summed stress score

SPECT : Single photon emission computed tomography **SLEDAI** : Systemic lupus erythematosus disease activity index

SLAM : Systemic lupus activity measures

SPSS : Statistical package for special science

SAM : S-adenosyl methionine SAH : S-adenosyl homocysteine

: Serum albumin s.Alb s.Cr : Serum creatinine TGs : Triglycerides