

**Assessment Of Serum Ferritin In Juvenile
Rheumatoid Arthritis Versus Systemic Lupus
Erythematosus**

Thesis

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Pediatrics*

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List of Abbreviations

±SD	: Standard deviation
ACD	: Anemia of chronic disease
aCL	: Anticardiolipin antibodies
ACLE	: Acute cutaneous lupus erythematosus
ACR	: American colleague of rheumatology
AKA	: Anti keratin antibodies
ANA	: Anti-nuclear antibodies
Anti-Sm	: Anti-Smith antibodies
Anti-ds DNA	: Anti double strand antibodies
APF	: Anti perinuclear factor
aPL	: Anti phospholipid antibodies
APS	: Anti phospholipid syndrome
BMC	: Bone mineral content
BMD	: Bone mineral density
C3	: Complement 3
C4	: Complement 4
CBC	: Complete blood count
CNS	: Central nervous system
COMP	: Cartilage oligometric matrix protein
CRP	: C-reactive protein
CVS	: Cardiovascular system

DEXA	: Dual energy x-ray absorptiometry
DHEA	: Dehydroepiandrosterone
DLE	: Discoid lupus erythematosus
DNA	: Deoxyribonucleic acid
EBV	: Epstein- Barr virus
ERA	: Enthesitis-related arthritis
ESR	: Erythrocyte sedimentation rate
GIT	: Gastrointestinal tract
HLA	: Human leucocytic antigen
IgA	: Immunoglobulin A
IVIG	: Intra-venous immunoglobulin
IL-1	: Interleukin-1
IL-6	: Interleukin-6
IVMP	: Intra-venous methyl prednisolone
JCA	: Juvenile chronic arthritis
JIA	: Juvenile idiopathic arthritis
JPsA	: Juvenile psoriatic arthritis
JRA	: Juvenile rheumatoid arthritis
LAC	: Lupus anticoagulant
MAS	: Macrophage activation syndrome
MCHC	: Mean corpuscular hemoglobin concentration
MCV	: Mean corpuscular volume
MMR	: Measles, mumps and rubella
NHL	: Non Hodgkin's lymphoma

NIAMS	: National Institute of arthritis, musculoskeletal and skin diseases
NPV	: Negative predictive value
PLT	: Platelets
PPV	: Positive predictive value
RA	: Rheumatoid arthritis
RNA	: Ribonucleic acid
RF	: Rhumatoid factor
SCLE	: Subacute cutaneous lupus erythematosus
SLE	: Systemic lupus erythematosus
SLE DAI	: Systemic lupus erythematosus disease activity index
SoJIA	: Systemic onset juvenile idiopathic arthritis
SPECT	: Single Photon emission computed tomography
TIBC	: Total iron binding capacity
TMJs	: Temporo-mandibular joints
TNF α	: Tumor necrosis factor α
UVA	: Ultra-Violet A
UVB	: Ultra-Violet B

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Introduction





Aim of the Work





Review of Literature

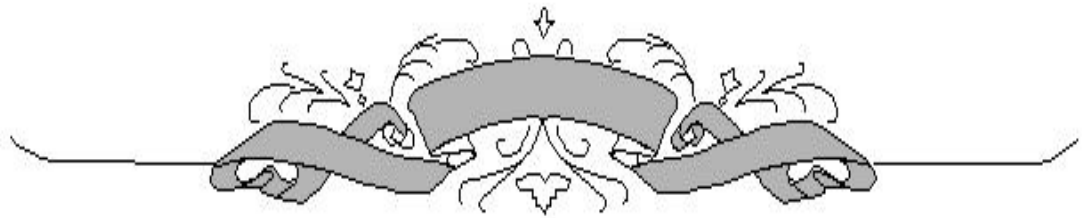




Chapter I

Juvenile Rheumatoid Arthritis

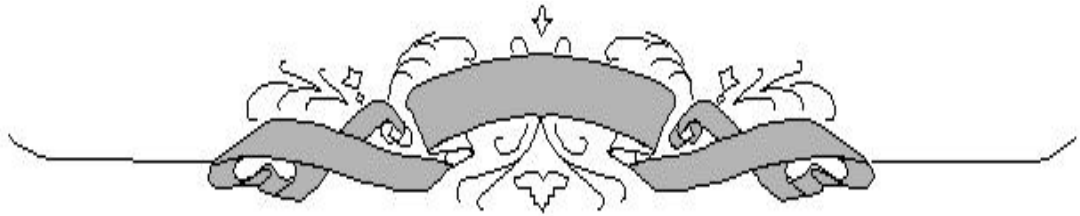




Chapter II

Systemic lupus erythematosus





Chapter III

Iron Metabolism





Subjects and Methods

