



**Role of high resolution Ultrasonography in
peripheral enthesopathy in patients with
spondyloarthritis**

Thesis

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Presented by

Basma El-Sayed Mohamed Ibrahim Gharib

M.B., B.Ch

Supervised by

Prof. Dr. Mohamed Gamal El Din Zaki

*Professor of physical Medicine,
Rheumatology & Rehabilitation
Faculty of Medicine, Ain Shams University*

Prof. Dr. Naglaa Yousef Assaf

*Professor of physical Medicine,
Rheumatology & Rehabilitation
Faculty of Medicine, Ain Shams University*

Dr. Reem Mohamed Ezz El Din El Mallah

*Assistant professor of physical Medicine,
Rheumatology & Rehabilitation
Faculty of Medicine, Ain Shams University*

Faculty of Medicine
Ain Shams University

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والروماتيزم والتأهيل
مقدمة من

الطبيبة/ بسمة السيد محمد إبراهيم غريب
بكالوريوس الطب و الجراحة

تحت إشراف

أد/ محمد جمال الدين زكي

أستاذ الطب الطبيعي و الروماتيزم والتأهيل
كلية الطب- جامعة عين شمس

أد/ نجلاء يوسف عساف

أستاذ الطب الطبيعي و الروماتيزم والتأهيل
كلية الطب- جامعة عين شمس

د/ ريم محمد عز الدين الملاح

استاذ مساعد الطب الطبيعي و الروماتيزم والتأهيل
كلية الطب- جامعة عين شمس

كلية الطب

جامعة عين شمس

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لَسْبَحَانَكَ لَا عِلْمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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Contents

Subjects	Page
• List of Abbreviations	I
• List of table	IV
• List of Figures	VI
• List of charts.....	IX
• Introduction	1
• Aim of the Work.....	4
• Review of literature:	
Chapter 1: Spondyloarthritis	5
Chapter 2: Entheses, and Enthesitis	27
Chapter 3: Musculoskeletal Ultrasonography	36
• Patients And Methods.....	61
• Results.....	74
• Discussion	119
• Summary	133
• Conclusion	137
• Recommendations	138
• References	139
• Arabic Summary	-

List of Abbreviations

AS	: Ankylosing spondylitis
ASAS	: Assessment of Spondyloarthritis International Society
ASDAS	: Ankylosing Spondylitis Disease Activity Score
BASDAI	: Bath Ankylosing Spondylitis Disease Activity Index
BASRI	: Bath Ankylosing Spondylitis Radiology Index
bDMARD	: biological disease-modifying antirheumatic drug
BMP2	: Bone Morphogenetic protein
CBC	: Complete blood picture
CD	: Celiac disease
CPPD	: Calcium pyrophosphate deposition
CRP	: C-reactive protein
CT	: Computed tomography
CTS	: Carpal tunnel syndrome
DISH	: Diffuse idiopathic skeletal hyperostosis
DMARD	: Disease-modifying antirheumatic drug
ESR	: Erythrocyte sedimentation rate
ESSG	: European Spondyloarthropathy study group
EULAR	: European League Against Rheumatism
GCA	: Giant Cell Arteritis
GUESS	: Glasgow Ultrasound Enthesitis Scoring System
HLA	: Human leucocytic antigen
IBD	: Inflammatory bowel disease
IFN-γ	: Interferon gamma
IgA	: Immunoglobulin A
IL17	: Interleukin 17
IL17RA	: IL-17 receptor A
IL-2	: Interleukin-2
IL23	: Interleukin 23
IV	: Intravenous
JSpA	: Juvenile spondyloarthritis
L5	: 5th lumbar vertebra
LEI	: LEEDS ENTHESITIS INDEX
mAb	: Monoclonal Antibody

List of Abbreviations

MASEI	:	Madrid Sonographic Enthesitis Index
MASES	:	MAASTRICHT ANKYLOSING SPONDYLITIS
	:	ENTHESIS SCORE
MCL	:	Medial collateral ligament
MEI	:	MANDER/ NEWCASTLE ENTHESITIS INDEX
MHC	:	Major Histocompatibility
MLCT	:	Microlymphocytotoxic test
MRI	:	Magnetic resonance imaging
MSKUS	:	Musculoskeletal ultrasound
NCS	:	Nerve conduction study
NOD2	:	Nucleotide-binding oligomerization domain-
	:	containing protein 2
NS	:	NOT Significant
NSAIDs	:	Nonsteroidal anti-inflammatory drugs
OA	:	Osteoarthritis
OMERACT	:	Outcome Measures in Rheumatology Clinical Trials
OPG	:	Osteoprotegerin
OR		Odd Ratio
PD	:	Power Doppler
PLF		Planter fascia
PsA	:	Psoriatic arthritis
PT		Patellar tenedon
RA	:	Rheumatoid Arthritis
RANK	:	Receptor Activator of Nuclear Factor κ B
RANKL	:	Receptor activator of nuclear factor kappa-B ligand
ReA	:	Reactive arthritis
ROM	:	Range of motion
S	:	Significant
SC	:	Subcutaneous
SD		Standard deviation
SEI	:	Spanish Enthesitis Index
SI	:	sacroiliac
SLE	:	Systemic lupus erythematosus
SpA	:	Spondyloarthritis
SPARCC	:	Spondyloarthritis research consortium of canada
STIR	:	Short Tau inversion recovery

List of Abbreviations

T1W	:	T1 weighted image
T2W	:	T2 weighted image
TA		Tendon of Achilles
TB	:	Tuberculosis
Th17	:	T helper 17
TNF	:	Tumor necrotizing factor
TR		Transverse
UC	:	Ulcerative colitis
US	:	Ultrasonography
USpA	:	Undifferentiated spndyloarthritis
WD	:	Whipple's disease
WNT		Wingless Type like

List of Table

Tab. No.	Subject	Page
Table (1)	European Spondyloarthropathy Study Group (ESSG) classification criteria for spondyloarthritis.	7
Table (2)	Amor classification criteria for spondyloarthropathy	7
Table (3)	Radiographic grades of sacroiliac joint	20
Table (4)	Spondyloarthritis Research Consortium of Canada (SPARCC)	66
Table (5)	Enthesitis classification based on B-mode and power Doppler US outcomes	72
Table (6)	Demographic data	75
Table (7)	Gray Scale U/S examination positive finding data collected on the studied cases.	82
Table (8)	The score of combined gray scale and Power Doppler US	86
Table (9)	Clinical examination data	88
Table (10)	U/S examination of entheses by gray scale	89
Table (11)	US examination of entheses by power Doppler	91
Table (12)	Comparative data between clinical examination versus gray scale US.	93
Table (13)	Comparison between clinical examination of detected entheses and calcifications detected by gray scale US.	95
Table (14)	Odd ratio of calcification	97
Table (15)	Comparison between clinical examination of detected entheses and erosions detected by gray scale US	99
Table (16)	Odd ratio of erosion	100

List of Table

Table (17)	Comparison between clinical examination of detected entheses and decreasing echogenicity detected by gray scale US	101
Table (18)	On comparison between clinical examination of detected entheses and swelling detected by gray scale US.	102
Table (19)	Comparison between clinical examination of detected entheses and bursitis detected by gray scale US	103
Table (20)	Comparative data between clinical examination versus power Doppler US	104
Table (21)	Comparative data between clinical examination versus grades of combined gray scale and power Doppler US	105
Table (22)	Sensitivity and specificity of US	108
Table (23)	Sensitivity and specificity of calcification	108
Table (24)	Sensitivity and specificity of erosion by US	110
Table (25)	Sensitivity and specificity of decreasing echogenicity by US	111
Table (26)	Sensitivity and specificity of swelling	112
Table (27)	Sensitivity and specificity of bursitis	112
Table (28)	Sensitivity and specificity of power Doppler US	113

List of Figures

Fig. No.	Subject	Page
Fig. (1)	Overview of axial spondyloarthritis	1
Fig. (2)	The Assessment of SpondyloArthritis International Society (ASAS) classification criteria for axial SpA.	8
Fig. (3)	The Assessment of SpondyloArthritis International Society (ASAS) classification criteria for peripheral SpA	9
Fig. (4)	Radiographic grading of sacroiliac joint involvement in ankylosing spondylitis	21
Fig. (5)	Lateral view of cervical spine	22
Fig. (6)	Findings of acute sacroiliitis on MRI (subchondral edema and erosions)	23
Fig. (7)	Findings of acute sacroiliitis on MRI (capsulitis and enthesitis)	23
Fig. (8)	Findings of chronic sacroiliitis on MRI	24
Fig. (9)	Findings of acute-on-chronic sacroiliitis on MRI.	25
Fig. (10)	Illustration of the four zones of the enthesis superimposed on a histological section of a mouse supraspinatus	29
Fig. (11)	Magnetic resonance images of fingers showing psoriatic arthritis with dactylitis due to flexor tenosynovitis.	34
Fig. (12)	Magnetic resonance image of index finger showing psoriatic arthritis	34
Fig. (13)	Sagittal magnetic resonance images of ankle region in patient with psoriatic arthritis	35
Fig. (14)	Sagittal magnetic resonance images of ankle region in patient with psoriatic arthritis	35
Fig. (15)	large footprint used for anterior longitudinal scan at the ankle	37
Fig. (16)	Small footprint for proximal interphalangeal joint	38
Fig. (17)	synovial hypertrophy and synovial effusion at metacarpophalangeal joint	39

List of figures

Fig. No.	Subject	Page
Fig. (18)	Longitudinal image of the 4th metacarpophalangeal joint showing grade 1 synovitis	40
Fig. (19)	Longitudinal image of the 1st metatarsophalangeal joint showing grade 3 synovitis	41
Fig. (20)	Transverse view of second extensor compartment of wrist joint demonstrating grade 2 power Doppler with anechoic fluid surrounding the tendons	42
Fig. (21)	Grade 3 synovitis of the elbow joint with distended joint capsule	43
Fig. (22)	: Longitudinal view demonstrating thickening of right Achilles tendon in a seronegative spondyloarthropathy patient.	44
Fig. (23)	Longitudinal scan of the lateral epicondyle from a PsA patient with enthesitis.	45
Fig. (24)	Cortical bone erosion of the 1st metatarsophalangeal joint	48
Fig. (25)	Cuboid Osteophyte at the calcaneocuboid joint in the right foot	49
Fig. (26)	A tophus at metatarsophalangeal joint	52
Fig. (27)	Knee femoral articular cartilage “double contour” sign from gout	53
Fig. (28)	Knee femoral articular cartilage CPPD deposition from pseudogout	53
Fig. (29)	Knee medial tibiofemoral osteophytes	54
Fig. (30)	Knee femoral articular cartilage wear from OA	55
Fig. (31)	Halo sign of giant cell arteritis	56
Fig. (32)	US image of a female patient wrist with moderate CTS showing swelling of the median nerve	56
Fig. (33)	Injection of the elbow joint guided by ultrasound	57
Fig. (34)	clinical examination of tendon of Achilles	66
Fig. (35)	General Electric Logic P5 R4.0. with a multi-frequency, linear transducer probe 3-12 MHz	68

List of figures

Fig. No.	Subject	Page
Fig. (36)	US examination of tendon of Achilles (longitudinal view).	68
Fig. (37)	US examination of tendon of supraspinatus (transverse view)	69
Fig. (38)	Longitudinal scan US of right patellar tendon (PT) showing step down defect at distal part of patellar bone (bone erosion).	69
Fig. (39)	Longitudinal scan US of right planter fascia (RT PLF) showing hyperechoic swelling (bone calcification) of calcaneus.	70
Fig. (40)	Longitudinal scan US at quadriceps tendon (QT) showing hypoechoic swelling (increase size of suprapatellar pouch).	70
Fig. (41)	Transverse scan US of right Achilles tendon (RT TA) showing power Doppler activity (vascularization) and cortical irregularity of calcaneus.	71
Fig. (42)	Transverse scan (TR) US of patellar tendon showing step down defect at distal part of the patella (bone erosion).	79
Fig. (43)	Transverse scan US of supraspinatus tendon showing hyperechoic swelling at greater trochanter of humerus (bone calcification).	80
Fig. (44)	Longitudinal scan US of left planter fascia (LT PLF) (insertion of calcaneus) showing increased thickness (swelling) & decreased echogenicity.	80
Fig. (45)	Longitudinal scan US at patellar tendon showing hypoechoic swelling (increase size of infrapatellar pouch).	81
Fig. (46)	Transverse scan US of Achilles tendon showing decrease echogenicity with power Doppler activity	85

List of Charts

No.	Title of chart	Page
Chart 1	Bar chart presenting the percentage of different diseases in the studied cases.	75
Chart 2	Bar chart presenting the results of clinical examination of the enthesial sites in the lower limbs of examined studied cases	76
Chart 3	Bar chart presenting the results of clinical examination of the enthesial sites in the Upper limbs of examined studied cases	77
Chart 4	Bar chart presenting the results of grey scale U/S examination of the enthesial sites in the lower limbs of examined studied cases	78
Chart 5	Bar chart presenting the results of grey scale U/S examination of the enthesial sites in the Upper limbs of examined studied cases	78
Chart 6	Pie chart presenting pathological findings of enthesitis by US	79
Chart 7	Bar chart presenting the results of Grey Scale U/S examination results of the enthesial sites in lower limbs of examined studied cases.	83
Chart 8	Bar chart presenting the results of Grey Scale U/S examination results of the enthesial sites in the Upper limbs of examined studied cases.	83
Chart 9	Bar chart presenting the results of Power Doppler U/S examination of the enthesial sites in the lower limbs of examined studied cases.	84
Chart 10	Bar chart presenting the results of Power Doppler U/S examination of the enthesial sites in the Upper limbs of examined studied cases.	85
Chart 11	Bar chart presenting stages of combined gray scale and Power Doppler US score	87