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التوثيق الالكتروني والميكروفيلم

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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم

بالرسالة صفحات لم ترد بالاصل

RADIOGRAPHIC EVALUATION OF THE HANDS AND WRISTS IN R.A. USING MODIFIED LARSEN AND SHARP SCORES:

Correlation of each score with various clinical and laboratory data

Thesis

Submitted for partial fulfillment of .M.Sc. Degree in

RHEUMATOLOGY & REHABILITATION DEPARTMENT

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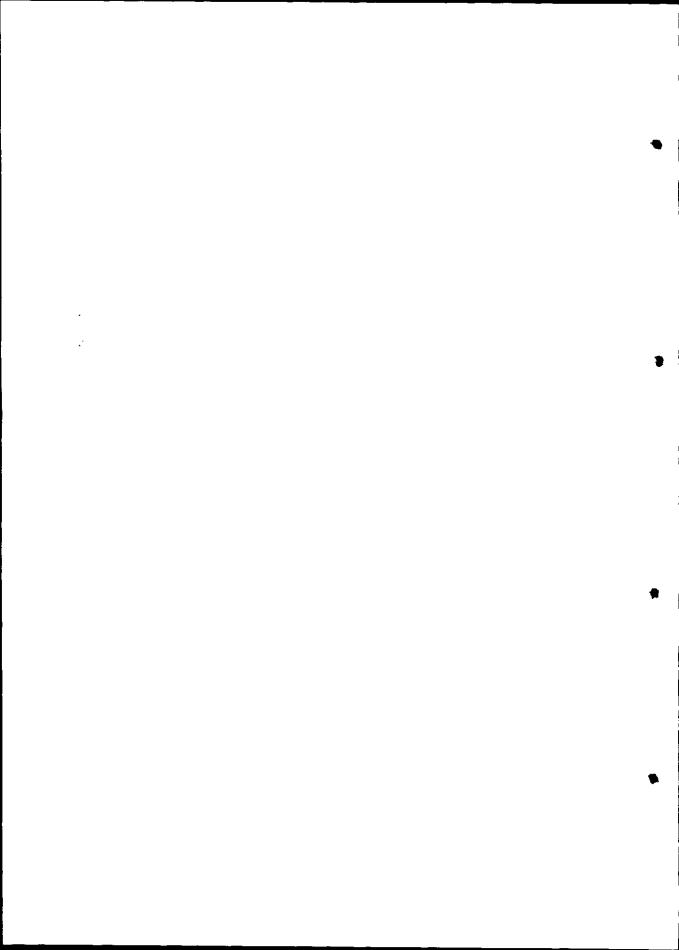
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	رار اللبنة: <u>مأرى تبول كل ما جاء بال</u>

المتحن الغارجي

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Abstract

Objectives:

to compare the Modified Larsen method with the Sharp / van der Heijde method in radiographic evaluation of the hand and wrist joints in patients with RA and to correlate each method with disease activity.

Patients and methods:

Forty-eight adult female RA patients and two adult male RA patients were included in our study. The patients were divided into two groups according to the duration of illness. Group I was formed of 12 RA patients with duration of illness less than 2 years. Group II was formed of 38 RA patients with duration of illness more or equal to 2 years. Both groups of patients were compared as regards the two scoring methods and various clinical and laboratory parameters.

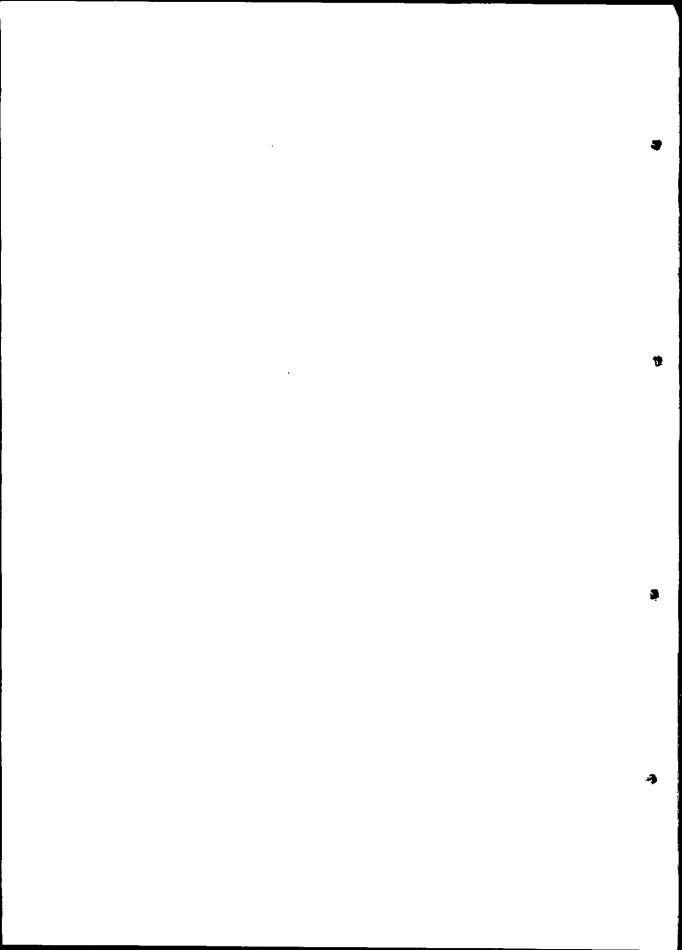
Results:

A highly significant difference in the Sharp/van der Heijde score between the two groups were found. A significant difference in the Modified Larsen score between the two groups was found. A significant correlation was found between the Sharp/van der Heijde method with age, duration of disease and grip strength. Another significant correlation was found between the Modified Larsen method with age and duration of disease.

Conclusion:

The Modified Larsen method is more responsive than the Sharp/van der Heijde method in the early disease (duration of illness < 2 years), while the Sharp/van der Heijde method is more responsive than the Modified Larsen method in late disease (duration of illness ≥ 2 years).

Key words: Rheumatoid arthritis - Sharp/Larsen methods.



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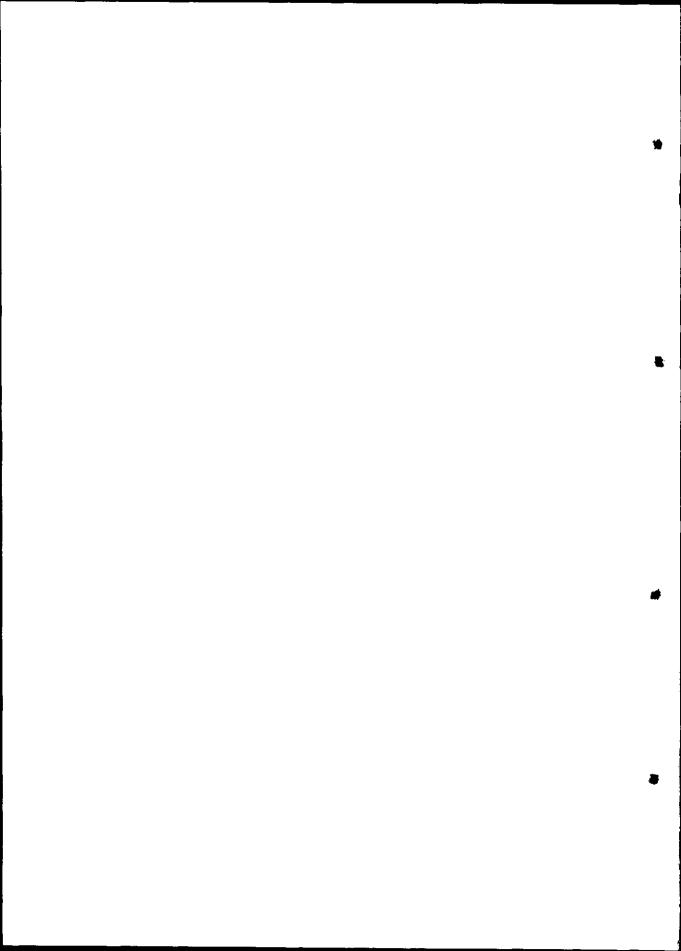
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LIST OF ABBREVIATIONS

AC: acromioclavicular

Al: articular index

ARA:P American Rheumatism Association

BMD: bone mineral density

C:MC: Carpal: metacarpal

CMCs: Carpometacarpals

CT: computed tomography

DC-ART: disease controlling - antirheumatic therapy

DIPs: distal interphalanges

EBV: Epstein - Barr virus

ES: Erosion score

ESR: erythrocyte sedimentation rate

FC: functional capacity

GS: grip strength

Hb%: haemoglobin percent

HLA: human leucocyte antigen

HSP: heat shock proteins

IgG: immunoglobulin G

IgM: immunoglobulin M

JRA: juvenile rheumatoid arthritis

JSN: joint space narrowing

KCS: keratoconjunctivitis sicca

L: left

LGL: large granular lymphocyte

MCBs: metacarpal bones

MCP: Metacarpophalangeal

MHC: major histocompatability complex