

Clinical Image

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Jaccoud's arthropathy

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Description

Female patient, 52 years old, with a history of rheumatoid arthritis, admitted for hemolytic anemia. From the study carried out: Positive direct Coombs test, leukopenia, hypocomplementemia, ANA 1:160 of fine granular pattern, positive Anti-CCP Ac and Anti-ENA Ac Ro52. Comparing with previous exams (Figure 1A), the x-ray of the hands (Figure 1B) showed osteosynthesis material of the thumbs, metacarpophalangeal joints without erosions and with cubital deviation corrected by passive mobilization, compatible with Jaccoud's Arthropathy (JA). Taking into account the results, it is most likely assumed overlap of rheumatoid arthritis and Systemic Lupus Erythematosus (SLE). Corticosteroid therapy led to resolution of the anemia. JA is a condition characterized by joint deformities that have a reducible pattern, returning to the normal appearance with a passive manoeuvre [1]. JA was described in patients with rheumatic fever more than a century ago, and presently, it presents mainly in LES patients [2].

Declarations

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Protection of humans and animals: The authors declare that the procedures were followed according to the regulations established by the Clinical Research and Ethics Committee and to the Helsinki Declaration of the World Medical Association updated in 2013.

Data confidentiality: The authors declare having followed the protocols in use at their working center regarding patients' data publication.

Patient consent: Obtained.

Competing interests: The authors have declared that no competing interests exist.

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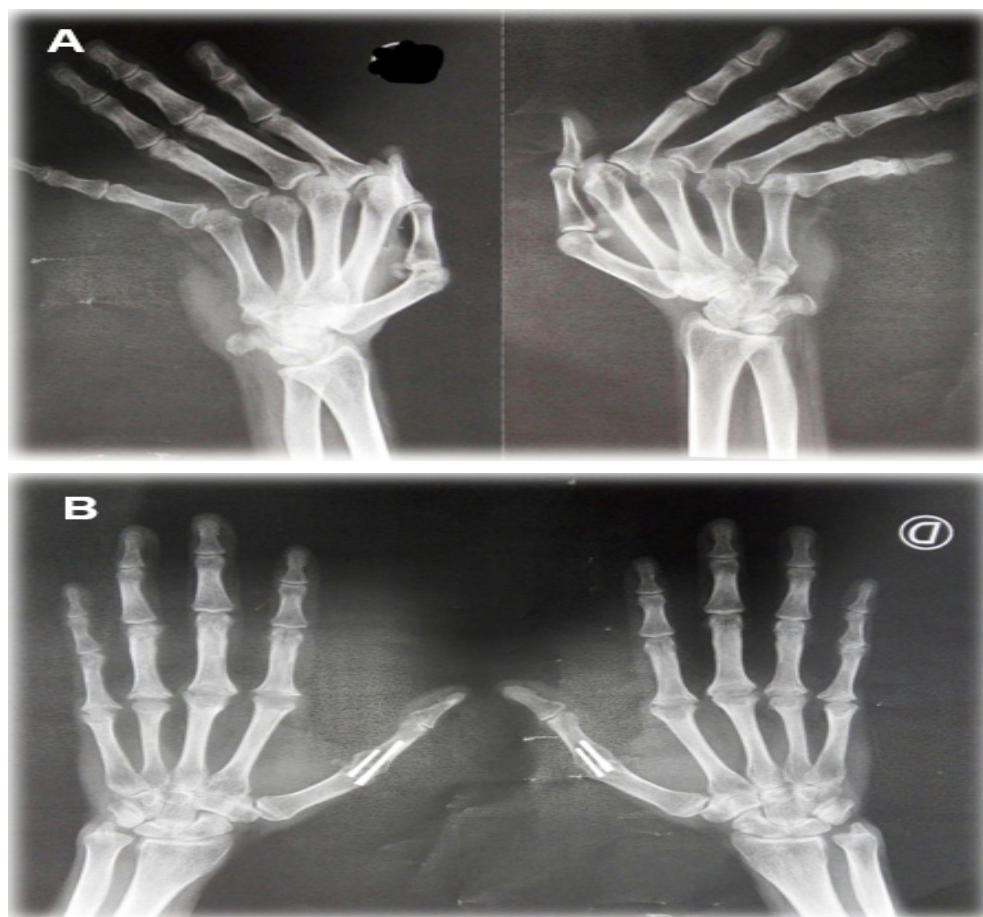


Figure 1: (A) X-ray of the hands at the time of diagnosis of rheumatoid arthritis. (B) Osteosynthesis material of the thumbs, metacarpophalangeal joints without erosions and with cubital deviation corrected by passive mobilization.

Author contributions:

FSL: Literature search, writing of the manuscript.

NN: Data acquisition, critical review of the manuscript.

RR: Critical review of the manuscript.

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