

All This While Thinking It Was Carpal Tunnel Syndrome – A Case Report

Ishak, Nursyamimi; S Hajera; Ihsanulhadi, Hidayah; Ab Rahman, Mahfuzah; Ayavu, Sarvasheni

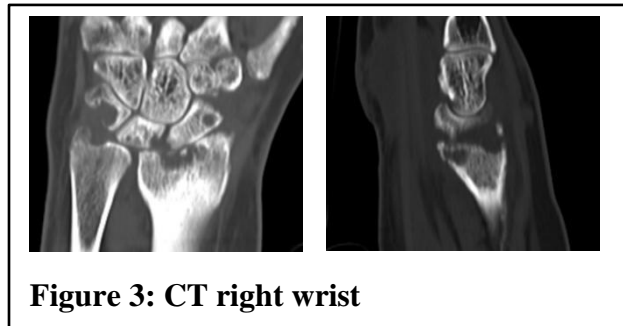
Department of Orthopedic, Hospital Sultanah Maliha, Langkawi, Kedah.

INTRODUCTION

Arthritis due to *mycobacterium tuberculosis* accounts for only 2-4% of all extrapulmonary tuberculosis (EPTB). Wrist involvement typically begins in scapholunate joint and is rather very rare. It carries significant morbidity when diagnosed in advanced stage which happens frequently due to its chronic and insidious presentation.¹

REPORT:

A 44-year-old woman has a 2-years history of right wrist pain that was initially treated as carpal tunnel syndrome and flexor tenosynovitis. An x-ray showed a lytic lesion of the distal end radius, and anti-tuberculosis medication was started with a positive intradermal tuberculin test. A CT scan revealed synovitis with bone erosion, and biopsy results showed a granuloma of histiocytes with multinucleated giant cells. During treatment, symptoms resolved and repeated x-rays after 4 months of treatment showed minimal sclerosis over distal end of radius with no worsening of the lesion.



CONCLUSION:

Tuberculosis (TB) arthritis treatment involves chemotherapy and surgery, but it's often misdiagnosed due to similar symptoms to other joint conditions. Thorough evaluation and understanding of the extensive range of potential diagnoses for arthritis are imperative in achieving accurate diagnosis in order to prevent morbidity.²

REFERENCES:

1. Wildan L et. al, Tuberculosis of the wrist mimicking rheumatoid arthritis - a rare case 2019, Pg 13-18
2. Mohit S et. al, Mycobacterium Tuberculosis infection of the wrist joint: A current concept review 2023, Pg 1-11