PRIMARY STERNAL TUBERCULOSIS: A CASE REPORT AND LITERATURE REVIEW

Keerati Hongsakul¹, Niyata Chitrapazi², Teeravut Tubtawee¹ and Suphaneewan Jaovisidha²

¹Department of Radiology, Faculty of Medicine, Prince of Songkla University, Hat Yai, Songkhla; ²Department of Radiology, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

Abstract. Mycobacterium tuberculosis can infect multiple organs and may rarely cause osteomyelitis of the sternum. We report a patient with primary sternal tuberculosis who presented with a chest wall mass. A core needle biopsy confirmed the diagnosis of tuberculosis. We review the literature regarding tuberculous osteomyelitis of the sternum.

Keywords: tuberculosis, bone destruction, cold abscess, imaging

Correspondence: Keerati Hongsakul, Department of Radiology, Faculty of Medicine, Prince of Songkla University, 15 Kanchanavanit Road, Hat Yai, Songkhla 90110, Thailand.
Tel: +66 (0) 74 451517; Fax: +66 (0) 74 429927
E-mail: hkeerati@medicine.psu.ac.th