

Name of Journal: *World Journal of Orthopedics*

ESPS Manuscript NO: 25116

Manuscript Type: Original Article

### Retrospective Study

Condensing osteitis of the clavicle in children

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### Abstract

**AIM:** To confirm the rarity of this disorder and then to evaluate the effects of antibiotic treatment alone and assess whether this could produce a complete remission of symptoms in children and adolescents.

**METHODS:** We made a retrospective review of all cases of condensing osteitis of the clavicle in children and adolescents between January 2007 and January 2016. Outpatient and inpatient medical records, with radiographs, magnetic resonance imaging, triphasic bone scan and computed tomography scans were retrospectively reviewed. All the patients underwent biopsy of the affected clavicle and were treated with intra venous (IV) antibiotics followed by oral antibiotics.

**RESULTS:** Seven cases of condensing osteitis of the clavicle were identified. All the patients presented with swelling of the medial end of the clavicle, and 5 out of 7 reported persisting pain. The patients' mean age at presentation was 11.5 years (range 10.5-13). Biopsy confirmed the diagnosis in all cases. All the patients

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