

Name OF Journal: World Journal of Orthopedics

ESPS Manuscript NO: 19936

Manuscript Type: MINIREVIEWS

1

Calcific tendinitis of the rotator cuff

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Abstract

Calcific tendinitis within the rotator cuff tendon is a common shoulder disorder that should be differentiated from dystrophic calcification as the pathogenesis and natural history of both is totally different. Calcific tendinitis usually occurs in the fifth and sixth decade of life among sedentary workers. It is classified into formative and resorptive phases. The chronic formative phase results from transient hypoxia that is commonly associated with repeated microtrauma causing calcium deposition into the matrix vesicles within the chondrocytes forming bone foci that later coalesce. It may extend

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