ClinicalPractice

An os sustentaculi with an accompanying talocalcaneal synchondrosis: An image articles

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FIGURE 1. Coronal CT pictures of the correct lower leg: alliances are seen between the sustentaculum bone and the os sustentaculum bone, and between the os sustentaculum bone and the bone (bolts).

Description

Talocalcaneal Alliance (TCC) is characterized as a joining between the bone and the calcaneus, ordinarily connected with an irregular hypertrophy of the average part of the bone and the sustentaculum bone **FIGURE 1**. TCC is analyzed in under 1% of everybody. Nonetheless, as the hard variety is frequently asymptomatic the genuine commonness is most likely a lot higher. In the pediatric populace, talocalcaneal alliance is of inherent root and results from a disappointment of mesenchymal division of calcaneus and bone. Generally, this condition gets indicative in the second decade of life. A TCC can introduce itself as a synostosis, as a synchondrosis, or as a syndesmosis. Moreover, it tends to be grouped by its area, as intraarticular (influencing either front, average, or back aspects) or extra articular (normally posteromedial).

References

Al-Ashhab ME, Elgazzar AS. Treatment for displaced sustentaculum tali fractures. *Foot (Edinb)*. 35, 70-74 (2018).

Gitajn IL, Toussaint RJ, Kwon JY, et al. Assessing accuracy of sustentaculum screw placement during calcaneal fixation. *Foot Ankle Int*. 34, 282-286 (2013).

Pang QJ, Yu X, Guo ZH, et al. The sustentaculum tali screw fixation for the treatment of Sanders type II calcaneal fracture: A finite element analysis. *Pak J Med Sci*. 30, 1099-1103 (2014).

Dürr C, Zwipp H, Rammelt S, et al. Fractures of the sustentaculum tali. *Oper Orthop Traumatol*. 25, 569-578 (2013).

Yun SJ, Jin W, Kim GY, et al. A different type of talocalcaneal coalition with os sustentaculum: the continued necessity of revision of classification. *AJR Am J Roentgenol*. 205, 612-618 (2015).