

Bifurcation of Tendon of Peroneus Brevis in Human Cadavers: Case Study

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ABSTRACT Keeping in view the frequency of variations in morphology and nerve supply of musculature of the lower limb, the present study has been taken up. Under the research study of Peroneus brevis muscle in adult human cadavers of Punjab, the dissection of thirty cadavers (sixty limbs) was performed. The origin of this muscle from fibula and intermuscular septum and its insertion on the lateral aspect of base of fifth metatarsal was dissected. Two limbs were found to have the common tendon dividing in two slips near the insertion. One slip was inserted on lateral side of base of fifth metatarsal and the second on medial side of the same metatarsal. The present paper is for the interest for the disciples of orthopedics, radiology and sports medicine. The clinical significance of this muscle is that the reconstruction of superior peroneal retinaculum can be done by using a portion of Peroneus brevis. The accessory tendons can be used in cases of tendon rupture, besides the repair of main tendon, to increase the power. The clinicians and radiologists must be aware of anatomical alterations in this muscle which is must for diagnostic purpose. The knowledge of the variations will also help the surgeons to avoid post-operative complications.