

Conference Abstract

DAY 2 16 th September 2023 (Saturday)	POSTER	11.00 am-12.00 pm	Scientific Session 4
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Bilateral presence of an accessory tendon of the Flexor Hallucis Longus and the Accessory Flexor Digitorum Longus: A Case Report**Krish Bhambhani, Khushi Shah, Sheetal V. Pattanshetti, Shilpa M. Bhimalli**

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Background: The Flexor Hallucis longus(FHL) and Flexor Digitorum Longus(FDL) are the two of the four deep muscles of the posterior compartment of the leg. The Abductor Hallucis(AH), one of the superficial intrinsic muscles or a muscle of the first layer of the dorsum of the foot, is in close relations with the tendons of these muscles.

Aim: To report and study about an additional muscle belly and an accessory tendon in the posterior compartment of the lower limb found during routine dissection of lower limb.

Materials and Methods: A careful dissection was carried out to find the origin, insertion and the measurements of the accessory muscle belly and tendon. Accessory Flexor Digitorum Longus(AFDL) was measured with a vernier caliper with an accuracy of 0.1mm and the accessory tendon of the FHL was measured by markings on threads against a cm ruler.

Result: The Accessory muscle belly originates inferior to the FHL and inserts on the tendon of the FDL along with the fibers of the AH. The origin of the accessory tendon of the FHL is in the same plane, medially to the insertion of the AFDL.

Conclusion: The said variation of the AFDL is said to be 6% in the world population, however the accessory the tendon of FHL is not well documented.

Keywords: Flexor Hallucis Longus(FHL), Accessory Flexor Digitorum Longus(AFDL), Accessory Tendon, Abductor Hallucis(AH).