

Supernumerary fascicle of the abductor digiti minimi muscle of the hand.

Anatomical and clinical importance [Fascículo supernumerario del músculo abductor del dedo mínimo de la mano. Importancia anatómica y clínica]

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The existence of the supernumerary muscles originated in the forearm, with the muscular belly prolonging to the hand is infrequent. Therefore, there is not much literature available regarding this subject, despite that these muscles could produce symptoms of compression at the carpal tunnel or ulnar tunnel level. We describe the presence of a supernumerary fascicle of the abductor digiti minimi muscle, located in the forearm and hand of a formalized adult male cadaver, dissected at the Anatomy Unit of the Faculty of Medicine of the Universidad de La Frontera, Chile. The supernumerary muscle destined to the digiti minimi, originated by means of carnosus fibers in the distal tertium of the forearm from the tendon of an accessory palmaris longus muscle. Closely related with the ulnar vessels and ulnar nerve, it inserted along with the abductor the digiti minimi muscle, flexor digiti minimi brevis muscle and part of the opponens digiti minimi muscle, in the proximal phalanx digiti minimi of the hand. This muscular fascicle maintained a close anatomical relation at the carpal level, with the ulnar nerve, possibly having caused an eventual compression of this nerve on its passage through the ulnar canal.

Anatomical variation

Anatomy

Hand

Muscles