

Occurrence of Extensor Medii Proprius

Vinay Kumar Thurai

Department of Pharmacy, Jyothismathi College of Pharmacy, Hyderabad, India.

EDITORIAL

Variations related to muscle of the extensor compartment of forearm are not uncommon and found incidentally during anatomical dissections and surgeries of hand. The EIP, a deep extensors muscle of forearm originates from the posterior surface of distal two third of the shaft of ulna and adjacent interosseous membrane. The muscle tendon passes inferiorly and inserts at the extensor expansion of proximal phalanx of the second digit ulnar to the tendon of extensor digitorum. This muscle gives off several accessory slips to the extensor tendons of other fingers and may contain anomalous muscles like extensor digitorum brevis manus (EDBM), extensor medii proprius (EMP), extensor indicis et medii communis (EIMC) and anomalous extensor indicis proprius (aEIM). The aEMP is an analogous muscle to the EIP being inserted to the dorsal expansion of third digit instead of the second digit. It often co-exists with the EIP muscle or with its variant and has an incidence rate between 0.8% to 12%. Being asymptomatic, its presence may mislead the clinicians and surgeons during diagnosis of hand diseases and treatment. The deep extensors muscle of forearm may contain inconsistent muscles like extensor digitorum brevis manus (EDBM), extensor medii proprius (EMP), extensor indicis et medii communis (EIMC) and anomalous

Correspondence:

Vinay Kumar Thurai,
Department of Pharmacy,
Jyothismathi College of Pharmacy,
Hyderabad, India.

E-mail: kes@gmail.com

Access this article online

Website: www.jbclinpharm.org

Quick Response Code:



extensor indicis proprius (aEIM). It originated along with EIP from the distal third of dorsum of ulna and adjacent interosseous membrane, just distal to extensor pollicis longus (EPL). Distally the tendon of the muscle merged with extensor expansion at metacarpophalangeal joint of third digit deep to the extensor digitorum tendon. The knowledge of such variations on the hand is essential to the clinicians and surgeons as hand injuries are one of the most common injuries occurring due to its superficial location and poor insulation.

This is an open access article distributed under the terms of the Creative Commons Attribution Noncommercial Share Alike 3.0 License, which allows others to remix, tweak, and build upon the work non commercially, as long as the author is credited and the new creations are licensed under the identical terms.

For reprints contact: invoice@jbclinpharm.org

Cite this article as: Thurai VK. Occurrence of Extensor Medii Proprius. J Basic Clin Pharma. 2021;12:01-01.