

The flexor perforatus of the outer toe is the most superficially placed of the three. It becomes distinct from the common mass one inch below the knee joint, and is here joined by a portion of the tendon of the ambiens muscle. The muscle terminates on a single tendon, which, after passing through a canal in the fibro-cartilage behind the ankle joint, divides into two slips, one of which is *inserted* into the base of the second phalanx of the fourth or outer toe, while the other, after being slit to allow of the transmission of the tendon of the flexor perforans, is *inserted* into the base of the third phalanx of that toe.

Action.—The muscle flexes the outer toe.

Relations.—Concealed superficially by the outer head of the gastrocnemius, it rests upon the flexor perforatus digiti medii.

Nerve supply.—A branch of the sciatic nerve.

Variations.—In *Pygosceles tæniatus* the tendon of insertion of this muscle gives off an additional slip, which is inserted into the base of the fourth phalanx of the outer toe. In *Spheniscus mendiculus*, on the other hand, the tendon divides into two slips, both of which are inserted into the base of the second phalanx. Between these the tendon of the flexor perforans passes forwards to its insertion.

5. *Flexor perforatus et perforans digiti interni.*

Le fléchisseur perforant et perforé (part of), Vicq d'Azyr, 1774, p. 512, No. 4.

Der durchbohrte Beuger der innern Zehe, Wiedemann, p. 102.

Der durchbohrte Beuger der innern Zehe, Tiedemann, p. 341, No. 2.

Fléchisseur perforant et perforé (part of), Cuvier, vol. i. p. 396.

Muscle No. 1 (part of), Meckel, vol. vi. p. 113.

Flexor perforatus (part of), Reid, p. 144.

Flexor perforatus of the inner toe, Owen, p. 38.

Fléchisseur perforé, couche superficielle (part of), Gervais and Alix, p. 37.

Attachments.—The flexor perforatus et perforans of the inner toe *arises* from the posterior border of the tendon of insertion of the extensor cruris muscle, as well as from the tendon of origin of the outer head of the gastrocnemius. The muscle ends on a delicate tendon, which, after passing through a special canal in the fibro-cartilage behind the ankle joint, is *inserted* by means of two slips into the base of the second phalanx of the inner toe. Between these slips the tendon of the flexor perforans to this toe passes onwards to its insertion into the last phalanx.

Action.—This muscle flexes the inner toe.

Relations.—The muscle lies between the outer head of the gastrocnemius behind, and the origin of the flexor perforans et perforatus in front. It rests on the deeper portion of the flexor perforatus.

Nerve supply.—A direct branch of the sciatic nerve.

Remarks.—According to Gervais and Alix, this muscle in *Eudytes chrysolophus* takes