

Action.—This muscle co-operates with the next in protracting the hyoid bone and tongue.

Relations.—The cerato-transverse muscle rests against the mylo-hyoid muscle.

Nerve supply (?)

3. *Protractor linguæ.*

Kegelförmiger Kiefer-Zungenbeinmuskel, Tiedemann, p. 121, No. 3.

Vorwärtszieher der Zunge, Wiedemann, p. 71.

Muscle conique, Vicq d'Azyr, 1773, p. 585, No. 3.

Genio-hyoïdien, Cuvier, vol. iii. p. 246, No. 3.

Protracteur ou mylo-hyoïdien profond, Meckel, vol. viii. p. 176, No. 3.

Protracteur de l'hyoïde (genio-hyoïdien), Gervais and Alix, p. 18.

Attachments.—This, the third muscle derived from the muscular sheath enveloping the cornu of the hyoid bone, passes obliquely forwards and outwards, and is *inserted* into the inner surface of the ramus of the lower jaw, midway between the junction of the latter with its fellow of the opposite side and its articulation with the quadrate bone.

Action.—Taking its fixed point at the lower jaw, this muscle draws forwards the hyoid bone and tongue.

Relations.—The protractor arises along with the two preceding muscles from the cornu of the hyoid bone. As it passes forwards to its insertion it is crossed superficially by the retractor linguæ.

Nerve supply (?)

4. *Retractor linguæ.*

Milo-hyoïdien, Vicq d'Azyr, 1773, p. 585, No. 2.

Serpi-hyoïdien, Cuvier, vol. iii. p. 246, No. 2.

Rückwärtszieher der Zunge, Wiedemann, p. 71.

Schiefer Kieferzungenbeinmuskel, Tiedemann, p. 120, No. 2.

L'élèveur de l'os hyoïde, Meckel, vol. viii. p. 174, No. 1.

Retracteur de l'hyoïde ou serpi-hyoïdien, Gervais and Alix, p. 18.

Attachments.—The retractor linguæ is a riband-like muscle, which *arises* from a well-marked process (serpiform process) situated on the posterior or articular extremity of the lower jaw bone. The fibres pass obliquely forwards and inwards, and after crossing the superficial aspect of the protractor linguæ, are *inserted* chiefly into the anterior third of the apo-hyal element, and to a less extent into the uro-hyal cartilage.

Action.—This is the principal retractor of the hyoid bone and tongue.

Nerve supply (?)