HEAD AND NECK.

SUBMAXILLARY REGION.

A PORTION OF THE HORIZONTAL RAMUS OF THE LOWER JAW HAS BEEN REMOVED IN ORDER TO EXPOSE THE DEEP LYING STRUCTURES OF THIS REGION.

The parotid gland (see also Parotid Region-Nos.49 and 50) presents an external convex surface, triangular in outline, and it extends from the zygoma above almost to the angle of the jaw below, where it abuts against the posterior part of the submaxillary gland. It extends forwards for some distance upon the masseter muscle, and from the upper part of the anterior border the duct-Stenson's duct—arises. The duct bends round the anterior border of the masseter, and ends by piercing the buccinator muscle and the mucous membrane of the cheek at the level of the second molar tooth of the upper jaw.

The greater part of the submaxillary gland has been removed, leaving only the posterior part of the superficial portion of the gland, which is traversed by the facial artery, while the facial vein runs across its surface. With the true salivary gland tissue masses of lymphatic tissue are always found, lying either around the salivary gland or embedded in its substance.

The removal of the portion of the jaw has exposed the mucous membrane of the floor of the mouth, where it joins the gum, and the sublingual salivary gland, lying immediately under the mucous membrane. The upper border of the gland is covered by a fold of mucous membrane, called the plica sublingualis, and the gland is in contact externally with the inner aspect of the jaw, and is supported below by the mylohyoid muscle.

The figures indicate—

- 1. Superficial temporal artery.
- 2. Temporal branches of facial nerve.
- 3. Parotid gland.
- 4. Duct of parotid.
- 5. Zygomaticus major muscle.
- 6. Masseter muscle.
- 7. Orbicularis oris muscle, divided.
- 8. Lingual nerve.
- 9. Under surface of tongue.
- 10. Mucous membrane of floor of 14. Mylohyoid muscle. mouth, divided.
- 11. Genio-hyoid muscle.
- 12. Sublingual gland.
- 13. Anterior belly of digastric muscle.

 - 15. Submaxillary gland.
 - 16. Facial vessels
 - 17. Buccinator muscle, divided.



