

**OUTLINES OF ANATOMY FOR
STUDENTS: A GUIDE TO
DISSECTION, BASED ON
MORRIS'S TEXT-BOOK OF
ANATOMY**

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Outlines of Anatomy for Students: A Guide to Dissection, Based on Morris's Text-Book of Anatomy by William A. Campbell

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WILLIAM A. CAMPBELL

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J. Henry Barthol
OUTLINES OF ANATOMY

FOR

STUDENTS

A GUIDE TO DISSECTION

BASED ON MORRIS'S TEXT-BOOK OF ANATOMY.

BY

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TO THE STUDENT.

In this outline the numbers refer to the pages and plates in Morris's Anatomy, dated 1895. (The numbers in parentheses refer to the edition of Morris dated 1893. This edition is identical with that dated 1895, with the exception of the paging.) Looking on the page referred to, it will be seen that the corresponding heading is printed in heavy-faced type, and the paragraph, or portion of paragraph following it, should be read. The structures of each region should be studied successively, *in the order indicated by the outline*. The student should carefully work out each structure, studying each part fully as it is exposed, comparing with the description in Morris. All structures should be carefully *exposed in place* in order that the *relations* may be properly studied and no part should be cut or removed except as indicated. When a heading is inclosed in a parenthesis it is to indicate that the structure mentioned cannot be fully exposed at that point in the work, but will be shown at another period of the dissection.

OUTLINES OF ANATOMY.

THE HEAD, AND ANTERIOR CERVICAL STRUCTURES.

Superficial Anatomy of the Head and Face.

Bony landmarks, 1111-12-13. (1088-9-90)

Lambda. Bregma. Pterion.

The bony sinuses, 1113-14-15. (1091-2)

The frontal.

Mastoid sinuses.

Sphenoidal sinuses.

Arteries, 1117-18. (1094-5-6)

Supraorbital. Temporal. Occipital. Posterior auricular.

External carotid. Facial. Frontal artery.

Parotid duct. Sheath of the parotid, 1119. (1096)

Position of the lachrymal puncta, lachrymal sac, 1120-1; Fig. 667. (1097)

Manipulation of a probe along the lachrymal passages.

The Mouth, 1121-2-4; Fig. 668. (1098-9-1101)

Wharton's ducts. Frænum. Sublingual glands.

Submaxillary gland. Genio-hyo-glossi. Lingual nerve.

Coronoid process. Hamular process of the sphenoid.

Tonsils:—

Relations of the tonsils.

Finger introduced downward at the back of the mouth.

If the finger be moved upward. Size of the nares.

The palate:—

Isthmus faucium.

The Nose, 926. (905-6)

Nose proper:—

Root. Bridge or dorsum. Top or lobe. Base.

Nostrils. Columna. Vestibule.

Alæ or wings.

Bony framework.

Cartilaginous portion.

The Scalp, 1115. (1092)

Layers: Fig. 663.

(1) Skin. (2) Subcutaneous fat and fibrous tissue.

(3) Occipito-frontalis and aponeurosis. (4) Subaponeurotic layer. (5)

Pericranium and subpericranial connective tissue.

Dissection of the Scalp.

Skin, hairs, sebaceous glands, 1115; Fig. 663. (1092)

Carefully remove the skin and expose (2) the layer of subcutaneous fat and fibrous tissue, in which will be found the superficial nerves and vessels. To remove the skin, make a median incision from the root of the nose to the external occipital protuberance, and a transverse incision from the lower end of the mastoid process on one side, over the vertex to the corresponding point on the opposite side. Connect the ends of these incisions by horizontal incisions on each side, as follows: Beginning in front at the root of the nose, make an incision along the superior border of the orbit to the outer angle of the

eye and backward to the tragus of the ear, then over the ear to the transverse incision. Also, an incision from the lower end of the mastoid process backward to the occipital protuberance, connecting the ends of the transverse and median incisions. Begin at the vertex and turn the skin down and off. Much care must be exercised to turn off the skin only, as the three outer layers of the scalp are closely connected together. The nerves and vessels should then be carefully exposed.

- The superficial fascia, 452. (447)
 Subcutaneous fat, (2) 1115. (1092)
 Superficial nerves, Fig. 449; P. 809. (791)
 Branches of the frontal, 796. (778)
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 Supratrochlear nerve.
 Temporal branch—of the orbital or temporo-malar nerve, 798. (780-1)
 Temporal branch—of the facial nerve, 810. (791)
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 Superficial temporal branches.
 Posterior auricular nerve, 808. (790)
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 Mastoid branch. Auricular branches.
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