THE STUDENT'S HAND-BOOK OF SURGICAL ANATOMY

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The Student's Hand-book of Surgical Anatomy by John M'Lachlan

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JOHN M'LACHLAN

THE STUDENT'S HAND-BOOK OF SURGICAL ANATOMY



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SCHOOL OF MEDICINE, EDINBURGH,

IN RECOGNITION OF HIS GREAT SKILL AS A TEACHER,

AND AS AN EXPRESSION OF SINCERE REGARD,

Chis Book is respectfully Dedicated

BY

AN OLD PUPIL.

PREFACE.

In the following pages I have endeavoured to point out the most important anatomical facts in relation to Practical Surgery. However imperfectly my object may have been realised, it is hoped that this little book will be found useful to the student of Surgical Anatomy, in recalling to his memory anatomical details and facts gathered in the dissecting-rooms, but which, from the press of other work, may have been partly forgotten by the time he begins to prepare for the Final Examination. The subject is looked at chiefly from an anatomical point of view; and in its preparation reference has been frequently made to the leading works on Surgery and Anatomy—such as Erichsen and Spence for Surgery; Turner, Quain, Ellis, Gray, and Heath for Anatomy; as well as anatomical details gleaned in the Dissecting-Room, together with various useful hints from my former teachers. I have endeavoured not only to point out the normal relation of parts, but, where possible abnormalities are of special importance, those have also been indicated.

It is hoped that the classification adopted in the Table of Contents, together with the fact that the headings of the leading paragraphs are printed in bolder type, will greatly facilitate reference to the various subjects here discussed.

J. M'L.

EDINBURGH, January 1883.

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SURGICAL ANATOMY.

SURGICAL ANATOMY OF THE HEAD AND NECK.

SUBCLAVIAN ARTERY. Origin,—On the right side from the branching of the Innominate artery behind the sterno-clavicular articulation. On the left side directly from the arch of the aorta. Extent (in neck).—From the sterno-clavicular articulation to the lower border of the first rib. It is divided into three parts by the scalenus anticus muscle—a part internal to (lat part); a part behind, (2nd part); and a part external to that muscle, (3rd part). Course,—It crosses the lower part of the neck, taking an arched course over the apex of the pleura and first rib, passing between the anterior and middle scaleni muscles. It usually rises about one inch above the clavicle.

LIGATURE IN THE THIRD PART OF ITS COURSE-

Extent.—From the outer edge of the anterior scalenus muscle, to the lower border of the first rib. The patient should be recumbent, and the shoulder should be depressed so as to lessen the depth of the wound, the head being turned a little towards the opposite shoulder.

Superficial Guide.—The vessel lies beneath the most prominent part of the clavicle, and it is important to remember, that by pressing the thumb, or a padded key, firmly downwards and backwards behind that point of the clavicle, towards the first rib, the vessel may be compressed during life, and the circulation through the upper limb entirely commanded. Incision—With the inner side of the left hand draw down the skin over the clavicle for about one inch, and cut along the bone for 2½ or 3 inches, beginning over the clavicular origin of the sterno-cleido-mastoid and ending at the trapezius. This incision corresponds to the middle third of