A PRACTICAL TREATISE ON THE USE OF THE OPHTHALMOSCOPE, THE ESSAY FOR WHICH THE JACKSONIAN PRIZE IN THE YEAR 1859, WAS AWARDED BY THE ROYAL COLLEGE SURGEONS OF ENGLAND

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J. W. HULKE

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PRACTICAL TREATISE

ON THE

USE OF THE OPHTHALMOSCOPE,

BEING THE ESSAY FOR WHICH

THE JACKSONIAN PRIZE,

IN THE YEAR 1859,

WAS AWARDED BY THE ROYAL COLLEGE OF SURGEONS OF ENGLAND,

BT

J. W. HULKE, F.R.C.S.,

AMBINTANT-SUBGIDON TO ELNO'S COLLEGE HOSPITAL, AND TO THE BOTAL LOWDON OPHTRALMIC HOSPITAL; FORETELY AMBINTANT-SUBGIDON TO THE BESTHE CIVIL HOSPITAL, SATERA, AND TO THE

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TO

WILLIAM HULKE,

THESE PAGES ARE GRATEFULLY AND AFFECTIONATELY DEDICATED

BY

HIS SON.

10, Old Burlington Street,

PREFACE.

The following Work comprises the essay for which the Jacksonian prize for 1859 was awarded by the Royal College of Surgeons of England.

At that time, I had no idea of publishing it, nor would it now appear had I not been repeatedly asked by the students at the Royal London Ophthalmic Hospital for a guide to the Ophthalmoscopic Examination of the Eye. In the absence of any standard work in English on this subject, I determined to publish the essay. Since, however, its utility as it stood would have been limited, the subject given being, "The Morbid Changes in the Retina as seen in the Eye of the living Person, and after removal from the body, together with the Symptoms associated with the several Morbid Conditions," I decided to include all the ocular structures, and to give a short account of the optics of the Ophthalmoscope, but, on the other hand, to omit a large number of cases and copious anatomical notes, in order to keep the present work within the narrowest bounds.

Notwithstanding the progress which has recently been made in Ophthalmoscopic diagnosis, very much remains to be done before anything like a perfect work on the subject can be presented; and in this which I offer merely as an elementary treatise some points are necessarily only just touched.

With regard to the coloured illustrations some apology is due; for though the greatest pains have been taken to obtain accurate representations, the impossibility of procuring an artist possessing the requisite anatomical knowledge and understanding the use of the Ophthalmoscope has given rise to almost insuperable difficulties. The great expense also of these illustrations has compelled me, most reluctantly, to reproduce only a few of the more important original drawings, that this book might not be beyond the reach of students, for whom it is intended,

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