

**THE ELECTRO-MAGNET AND ITS
EMPLOYMENT IN OPHTHALMIC
SURGERY: WITH SPECIAL REFERENCE TO
THE DETECTION AND REMOVAL OF
FRAGMENTS OF STEEL OR IRON FROM
THE INTERIOR OF THE EYE**

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The Electro-Magnet and Its Employment in Ophthalmic Surgery: With Special Reference to the Detection and Removal of Fragments of Steel or Iron from the Interior of the Eye by Simeon Snell

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SIMEON SNELL

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"Steel through opposing plates the Magnet draws,
And steely atoms culls from dust and straw."

Crabbe.

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AND ITS EMPLOYMENT IN

OPHTHALMIC SURGERY

WITH

SPECIAL REFERENCE TO THE DETECTION AND REMOVAL OF FRAGMENTS
OF STEEL OR IRON FROM THE INTERIOR OF THE EYE

BY

SIMEON SNELL

OPHTHALMIC SURGEON TO THE SHEFFIELD GENERAL DISPENSARY AND TO THE INSTITUTION
FOR THE BLIND; LECTURER ON DISEASES OF THE EYE AT THE
SHEFFIELD SCHOOL OF MEDICINE



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PREFACE

THIS little volume was commenced with a view to its publication in one of the medical periodicals, and to form, as it were, a continuation of the Author's previous experience, recorded in the 'British Medical Journal,' vol. i, 1881. The full details of the cases, with the remarks they called forth, as well as those upon the use of the electro-magnet generally, extended, however, to greater length than could be conveniently published in such a manner. It was decided, therefore, to issue this monograph.

In addition to the writer's personal experience, towards the end of the volume have been added brief summaries of all the recorded cases which, after a diligent search in many British and Foreign periodicals, the author has been able to find. It is possible that others, in journals inaccessible, have escaped notice, but the published cases have been materially added to by those which various operators have been good enough to mention in private letters. To these gentlemen thanks are due for their courteous communications.

It is hoped that the experience collected in this little work may prove of assistance and value to some, may tend to encourage the wider adoption of the electro-magnet in ophthalmology, and may aid also in pointing out the mode of its employment and the class of cases in which its use is applicable.

Much information has been afforded, especially as to the early employment of the magnet, by the papers of Professor Hirschberg, of Berlin (which he has been good enough from time to time to send to the author), particularly the one "On the Extraction of Chips of Iron or Steel from the Interior of the Eye," in Knapp's 'Archives,' 1881.

The writer's thanks are due to Messrs. Cubley and Preston, the makers of the instrument described in the succeeding pages, for the manner in which they have at all times carried out his directions, and he would express his appreciation also of their many services, so courteously and willingly rendered.

SIMEON SNELL.

SHEFFIELD;
June 1st, 1883.

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