

**MEDICAL ELECTRICITY. A MANUAL FOR  
STUDENTS SHOWING ITS MOST SCIENTIFIC  
AND RATIONAL APPLICATION TO ALL  
FORMS OF ELECTRICITY, GALVANISM,  
ELECTRO-MAGNETISM, MAGNETO-  
ELECTRICITY, AND HUMAN MAGNETISM**

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Medical Electricity. A Manual for Students Showing Its Most Scientific and Rational Application to All Forms of Electricity, Galvanism, Electro-Magnetism, Magneto-Electricity, and Human Magnetism by William White

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**WILLIAM WHITE**

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UNIV. OF  
CALIFORNIA

**MEDICAL ELECTRICITY.**

**MANUAL FOR STUDENTS.**

SHOWING ITS MOST

SCIENTIFIC AND RATIONAL APPLICATION

TO ALL FORMS OF

**ACUTE AND CHRONIC DISEASE,**

BY THE DIFFERENT COMBINATIONS OF

**ELECTRICITY, GALVANISM, ELECTRO-MAGNETISM,  
MAGNETO-ELECTRICITY,**

AND

**HUMAN MAGNETISM.**

BY WILLIAM WHITE, M.D.,

PROFESSOR IN THE NEW YORK MEDICAL COLLEGE FOR WOMEN.

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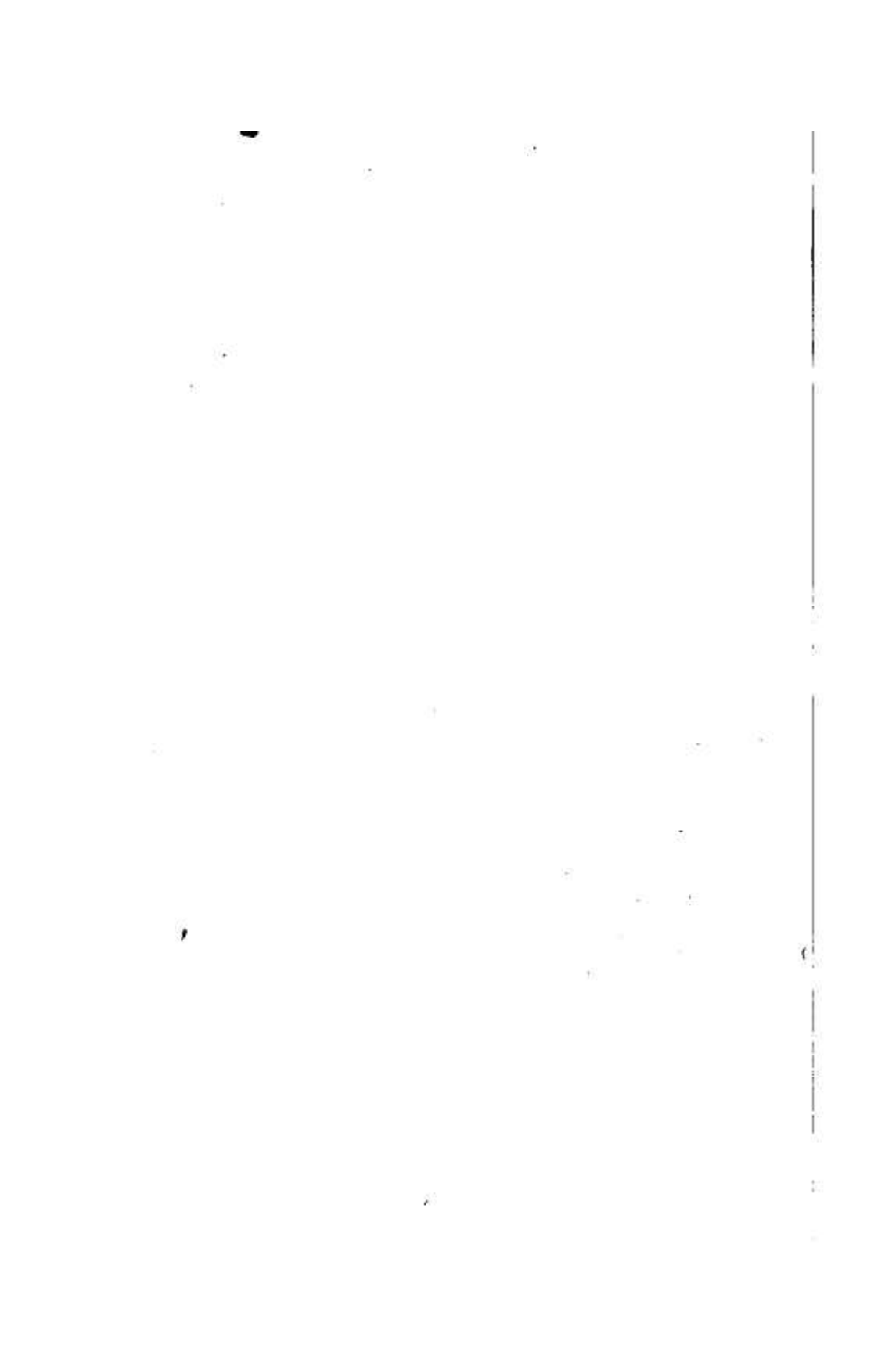
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## Dedication.

S. J. CARPENTER, M.D.

DEAR FRIEND,—Fully appreciating the ability and zeal that you have brought into the field of medical reform, and the aid you have rendered in furnishing some of the thoughts for this work, as well as in its preparation for the press, permit me most respectfully to dedicate it to you. The self-evident truths herein elucidated will speedily commend themselves to all progressive minds ; and my hope is, that you may live to see them occupying their true position in our medical institutions the world over. For truth is one, and must ultimately prevail.

WILLIAM WHITE, M.D.





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#### ABBREVIATIONS AND MEANING OF TERMS.

P. C. denotes the primary current; S. C. secondary current. Primary current, galvanic current, and chemical current, all relate to the galvanic current of the Battery, or the primary of the Electro-Magnetic apparatus, and are all of the same nature; while the secondary current, induced current, and Faradaic current, all relate to that which is obtained from the secondary coil or fine wire helix.

## PREFACE.

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**I**N response to the urgent solicitations of many of our students and professional friends, and for the benefit of those who may hereafter enter upon this branch of study, the present work has been written; believing that it will supply a want long felt, and answer both as a guide to successful practice, and a source of instruction to all who may give it a careful perusal.

This work is not designed to supersede the necessity of the perusal of other works on this comparatively new and important branch of the healing art; for much has already been written on this most deeply interesting department of medical science, by men of the greatest eminence, both at home and abroad.

Having had many years' experience in regular practice, and a good opportunity to test the effects of drug medication alone, and being many times disappointed in the effects of medical agents, we know how to appreciate the value of an agent, which has, in hundreds of instances, enabled us to cure diseases when all our other medical resources had failed, during the past fifteen years of our medical use of this wonderful