

the status of electricity as a potent means of rectifying pathological conditions and commend it to more general use. The failures and lack of benefit derived from its use by those who employed it empirically is in marked contrast to the beneficial results which may be obtained from its use in a scientific manner, and in accordance with better understood laws. To employ electric energy in the treatment of diseases successfully and intelligently, requires as thorough a knowledge of the subject as possible, in regard to the physics of electricity, its physiological action and the technique to be employed in its application to various forms of diseases. These can only be thoroughly mastered in laboratories and hospital wards under the guidance of competent teachers, but this knowledge can be gained, to a certain extent, by the possession and study of such a work as the present one, which contains detailed information on all points in this connection and written by those specially trained and from practical experience, capable of giving reliable information and instruction.

This second edition has been thoroughly revised and has four new articles, one relating to the galvanic current, one on the electrical treatment of aneurism, one on Röntgen rays and one on the treatment of cancer by the cataphoresis of mercury. The first section is introductory, and the historical sketch of the rise of electricity, forms very interesting reading. In connection with the earlier investigations, the work done by Pliny, Thales, Gilbert, Guericke, Newton, Gray, Dufaye and Nolet, Franklin, Humboldt, Galvani, Volta, Ampere, Devey, Oersted, Berzelius, Faraday, etc., is described and the earlier history of electro-therapeutics in Europe and America is given. Electro-physics and electro-physiology and kindred subjects receive full attention from nine different authors.

Animal electricity is treated by Dr. Wesley Mills. The Galvanic current by G. Betton Massey, M.D. Electro-diagnosis by Dr. W. F. Robinson. Röntgen rays by Max J. Stern, M.D. Cataphoresis, anodal diffusion, electrical osmosis or voltaic narcotism, by Frederick Peterson, M.D.

Section C., gynæcology and obstetrics has two articles covering the field of electro-therapeutics in those branches. Among the writers are Drs. Grand and Famarque, assistants at the clinic of Dr. Apostoli, Paris, G. Betton Massey, M.D., Dr. A. Tripin, Paris, Dr. A. Goelet, New York, J. M. Baldy, M.D., F. H. Martin, Chicago, J. H. Kellogg, M.D., A. Laphorn Smith, M.D., Montreal, etc.

In diseases of the nervous system C. Eugene Riggs, M.D., discusses diseases of the brain; Wm. J. Marton, M.D., diseases of the spinal cord; Wm. M. Leszynsky, affections of the peripheral nerves and Morton Prince, M.D., the neuroses.

Disorders of the thoracic and abdominal organs have articles by A. D. Rockwell, A.M., M.D., Dr. Larat, Paris and N. J. Davis, jun., Chicago. Electricity in diseases of childhood, is written by May Putnam Jacobi, M.D. The final section on electro-surgery has nine articles in which the use of electricity is discussed in the chief