

dermic syringe through the trocar. Strychnine, cocaine, and other drugs have been used with splendid results, especially in spinal irritation and functional disorders.

To increase the efficacy of his remedies, he has constructed an air-tight chamber, in which the atmospheric pressure can be raised. The increased pressure on the surface of the body drives the blood internally, and so the drug which has been absorbed by the blood comes into better contact with the brain and spinal cord. To aid this action, he cuts off the blood in the extremities with a tourniquet, and so the blood circulating through the nervous system has a greater amount of the drug in solution. These latter methods apply almost entirely to functional disorders of the nervous system.

Taken altogether, the work is of considerable interest, and would be a valuable addition to any library. The typography and presswork are both in the Messrs. Lippincott's usually good style.

AN INTERNATIONAL SYSTEM OF ELECTRO-THERAPEUTICS: For Students, General Practitioners, and Specialists. By Horatio R. Bigelow, M.D., and thirty-eight associate editors. Thoroughly illustrated. In one large royal octavo volume, 1160 pages, extra cloth, \$6.00 net; sheep, \$7.00 net; half Russia, \$7.50 net. Philadelphia: The F. A. Davis Co., publishers, 1914 and 1916 Cherry street.

The subject of electricity is at present occupying a considerable amount of professional attention. There is no great dearth of literature on the subject, but it is very scattered, and, in most instances, of a very elementary nature. The above work covers the whole subject in all its various applications, both medical and surgical. It is almost impossible at the present day for any one man to write a book embracing all the branches of a particular subject, yet an able editor may surround himself with such eminent collaborateurs that his work can be looked upon as an authority. This Dr. Bigelow has done.

The introductory chapter by Dr. Herdman, of Ann Arbor, contains advice that holds good in all branches of our profession, but especially so in the electrical studies. He pleads well for a thorough laboratory and clinical training of the students in the construction of batteries and of the therapeutical uses of electricity. Until the subject is recognized and taught, its practice will undoubtedly be empirical. The succeeding 380 pages are devoted to electrophysics, animal electricity, static electricity, magnetism, faradic current, and galvanism, all dealt with by different authors. Then comes chapter after chapter on the special uses of electricity on the different organs of the body, on the functions of the organs, and concerning the action of the current in electrolysis, etc., etc.

The work is thorough and complete. It should be on the shelves of all who use electricity for reference, and those who contemplate its use should also possess themselves of it for a similar purpose. It is of great advantage to the busy practitioner to have all the literature on any one subject at hand, and by these systems he is thus enabled to do so. The typography and binding are splendid, as all the books turned out by the F. A. Davis Company always are.