

DENTAL CHEMISTRY AND METALLURGY. By Clifford Mitchell, M.D. Chicago: W. T. Keener, 96 Washington Street, 1890.

When the modern dental student discovered, on the shelf of an old bookstore, a copy of Piggott's Dental Chemistry and attempted to reconcile the chemistry of the past with that of the present, he perhaps got one of the best lessons in the scientific progress of the Profession within the last thirty years. We have hardly yet attained to that position when chemistry for the dental student will be distinctive from that of the medical student, but anyone familiar with the investigations of Dr. Miller, of Berlin, and other thoroughly scientific chemists, must admit that chemistry has become an indispensable adjunct, not only of the education of the student, but of the every-day active practitioner who seeks to improve the problems of practice. When Dr. Mitchell issued the little predecessor of this work, it seemed at once to fill a gap; but this enlarged edition is specially valuable, inasmuch as it has been rewritten, and is not a rehash. It includes the essentials of chemistry for dental students, general chemistry for dental practitioners, laboratory course in elementary chemistry for dental students, laboratory course in dental chemistry and metallurgy. Besides a concise arrangement of chapters on physics, chemical philosophy, inorganic chemistry, organic chemistry; the chapters of special interest to the dentist in practice are those on the Saliva, its physical characteristics, functions, etc.; the progressive experiments arranged by Prof. Salisbury, and chemical work in the dental laboratory, and complete course in salivary analysis. There is a freshness in this work which does not encroach upon any other of the many volumes added to our literature. It has been adopted as a text-book by the American colleges, and we recommend it strongly for use among our Canadian students and practitioners. It is beautifully printed and a credit to the publisher as well as the author.

TRANSACTIONS OF THE ILLINOIS STATE DENTAL SOCIETY, 25th Annual Meeting, May 13th to 17th, 1889, Chicago, H. D. Justi. There has always been a western freshness and independence in the proceedings of this Society. The Report of the Committee on Dental Science and Literature makes it lively for some of the recent additions to American dental literature: protests against the advertising cuts; the rehash of old magazine articles; obsolete methods of practice; improper use of technical terms, and,