

PREFACE

In preparing these volumes, the report of the Curriculum Survey Committee of the American Association of Dental Schools was carefully studied. The subcommittee reports on subjects within or related to the field of operative dentistry were reviewed and the effort was made to harmonize this work with the reports on Histology and Embryology, Oral Anatomy, Nutrition, Mouth Hygiene and Oral Prophylaxis, Application of Preventive Principles, Radiography, Diagnosis and Treatment Planning, Oral Medicine and Oral Surgery. A number of changes suggested by the Subcommittee on Operative Dentistry were made in the nomenclature, the more important of which are mentioned in the Introduction.

Five chapters by other authors are included: Health, Nutrition and Hygiene by Clara M. Davis, M.D., Mottled Enamel by Frederick S. McKay, D.D.S., The Saliva by Harold L. Hansen, Ph.D., and Earl A. Zaus, M.D., Materials Used in Operative Dentistry by Eugene W. Skinner, Ph.D., and Mouth Infection in Relation to Systemic Diseases by Edward H. Hatton, M.D. Each of these chapters is a report of research in a special field over a period of years and the contributors are so familiar with the text as a whole that their writings are directly related to and in fact an integral part of it. Special reference is made to these chapters in the Introduction and the author is grateful for the splendid cooperation of these confreres.

Dr. Hatton, in addition to writing the special chapter just mentioned, contributed much of the data for the chapter on Oral Diagnosis, including the sections on diseases of the soft tissues of the mouth, and the mouth manifestations of systemic diseases and skin diseases, also the review of recent research on dental caries.

Dr. Robert E. Blackwell and Dr. G. R. Lundquist, who have been the Author's associates in the teaching of operative dentistry and oral pathology respectively for many years, have made valuable contributions and have assisted in many other ways in the preparation of this work.

George B. Denton, Ph.D. prepared a very exhaustive review of the literature covering the pathology and treatment of the diseases of the dental pulp and the supporting structures of the teeth, from which much of the historical data was taken.

Dr. William G. Skillen assisted in the preparation of the chapter on the development of the teeth and prepared a large number of photomicrographs illustrating the pathology of the pulp and peridental membranes.

Dr. Charles W. Freeman contributed greatly by direct assistance, particularly in the preparation of the section on oral surgery in the chapter on diagnosis, also by assuming many of the author's

administrative duties at Northwestern University Dental School during the past two years.

Dr. George W. Teuscher gave valuable aid in the preparation of the chapter on the treatment of the temporary teeth.

Substantial assistance has been given by many teachers of operative dentistry who were kind enough to make a special review of the previous edition and offer suggestions for its improvement as a teaching medium. The author is pleased to express his thanks to Drs. H. E. Friesell, Ralph W. Edwards, Louis J. Fitzpatrick, Harry A. True, W. L. Wylie, A. C. LaTouche, Ralph R. Byrnes, Alfred Enloe, J. Ross Tucker, P. V. McParland, C. W. Hagan, E. G. Meisel and C. E. Friesell.

Many acknowledgments are made in the text to other teachers and practitioners who have carried on some related research, reported unusual cases, supplied models, or made valuable suggestions. Among these are Leroy L. Hartman, James M. Prime, J. R. Blayney, Abram Hoffman, B. E. Lischer, Emil Mueller, James R. Schumaker, Leonard S. Fosdick, Ralph G. Bengston, Eugene Bodmer, Arne Foster Romnes, Stanley W. Clark, Roscoe H. Volland, Edgar W. Swanson, Loren D. Sayre, Karl L. Vehe and Lon W. Morrey.

Dr. Robert R. Fosket, Dr. Byron J. May and Miss Helen Snyder supplied many excellent radiographs from their collections, as well as films of especially selected cases. Dr. Roy W. Carr prepared plaster models and Mrs. Dorothy Lee Scantlin did the photographic work for the new illustrations.

Assistance in proof reading was given by Misses Margaret Leach and Dorothy Warren, by Drs. Blackwell, Hatton, Freeman and Swanson, Mr. Gerald VanDoren and Miss Helen Baldwin, also by Mrs. Black, our daughters, Mrs. Barbara Dunbar and Mrs. Jane VanDoren, and our son Gilmer V. Black, who also made a number of drawings.

Acknowledgment is made to The S. S. White Dental Manufacturing Co., the C. L. Frame Dental Supply Co. and the Blue Island Dental Laboratories for their cooperation.

To all of the above the author wishes to express his thanks and appreciation.

This preface is dated on the one hundredth anniversary of my father's birthday.

ARTHUR D. BLACK

Chicago, August 3, 1936.