

**SURGICAL
DISEASES
OF
THE MOUTH
AND JAWS**

PADGETT

SAUNDERS

SURGICAL DISEASES

of the

MOUTH AND JAWS

By

EARL CALVIN PADGETT, B. S., M. D., F. A. C. S.

Associate Professor of Clinical Surgery, University of Kansas School
of Medicine, Kansas City, Kansas; Associate Professor of Oral
Surgery, Kansas City Western Dental College,
Kansas City, Missouri

WITH 334 ILLUSTRATIONS

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PREFACE

BOTH the dental and the medical professions have made and are making many contributions to the subject of oral surgery. Thus, in the field of surgical diseases to which the mouth and jaw are heir, there is considerable overlapping of interests between the two professions. Besides the more time honored etiologic, pathologic and therapeutic contributions, the prevention of many of the more serious diseases of the oral cavity, as for instance cancer, is at present more than ever assuming a position of very great importance. In the field of preventive medicine both the dental and the medical professions have opportunity to offer a service of the highest type.

The student of oral surgery should approach the subject, I believe, from the standpoint of broad surgical principles and from the viewpoint of general pathology. If he does not develop this broader outlook his understanding of the subject is likely to be too limited for his therapeutic results to be on a par with those obtained elsewhere in the body by the other more or less regional specialists. In addition to a basic general knowledge, certain special information is necessary. Thus, certain phases of dentistry and roentgenology become from necessity a component part of the subject.

In a textbook on oral surgery, most teachers insist that considerable emphasis be placed upon the diagnosis of the ordinary surgical conditions encountered in everyday practice. To this viewpoint I adhere. But it would seem that with the addition of a few chapters the care of the major surgical situations which may be encountered in this region also can be presented. Thus, I have hoped a rather complete book would be of value to several general groups of men—the dental student, the medical student, the general dentist and physician, and the surgeon. Besides attempting to appeal to these more general groups, I have made an effort to present material which would be of interest to certain special practitioners such as the “nose and throat” specialist, the dermatologist or the radiologist who see conditions which in certain instances overlap from their field into that of oral surgery.

In writing this book I have attempted to cover all of the headings suggested in the report of the Curriculum Committee of the American Association of Dental Schools made in 1935. In some of the chapters, however, as those on fractures, congenital malformations and malignant tumors, I have gone into the matter more extensively than the outline recommends. I consider this material of sufficient importance—especially to the oral or general surgeon—to merit a rather detailed discussion since the surgeon who wishes to use this book as a guide probably would not consider that a superficial résumé was sufficient to give him the information for which he is seeking. I have gone into the pathology at considerable length as I believe that no one can treat certain lesions in this region unless he understands pathology. The chapter on anatomy is inserted because in no other

region of the entire body is it more essential to "know one's way about," so to speak, in carrying out a diagnostic or an operative procedure. I know of no book on oral surgery *per se* which has as yet gone into the principles of radiation therapy. But it seems that the advances made in this field during the past few years have made a section on radiation therapy an essential part of a book which presumes to cover the whole field of oral surgery.

In writing an oral surgery, the question of grouping and naming the chapters is a very difficult one to decide. Almost any method that one adopts when he begins to place the material in its proper category for one reason or another sooner or later does not seem to fit. For instance, in a regional classification he finds repetition in the discussion. If one adopts a pathologic classification there are certain diseases and infections which do not fall readily into any particular category. After considerable thought, I have decided rather arbitrarily to relegate a few of the preliminary chapters which are pertinent to the whole field, to the first part of the book and then to group the remainder of the chapters according to the following scheme: (1) Wounds and injuries of (a) soft tissues, (b) hard tissues. (2) Inflammations and unclassified diseases. (3) Acquired malformations. (4) Congenital malformations. (5) Tumors of the soft tissues, (a) benign, (b) malignant. (6) Tumors of the hard structures, (a) benign, (b) malignant. (7) Restoration of deformities. Certain chapters which have to do with the treatment of conditions in chapters immediately preceding are interspersed because they would seem to fall naturally into such a position.

I am indebted to Dr. Don Woodward for writing the original outline for the chapter on the removal of teeth. Also before this chapter was placed in its present form, I received much valuable advice from Dr. R. W. Edwards, Dr. C. W. Keeling and Dr. G. Farrell Webb. Dr. Copeland Shelden wrote the paragraphs on the orthodontic management of Class II and Class III (Angle) cases. With Dr. Shelden and Dr. Louis James there took place considerable discussion concerning the dividing line between those cases which should be submitted to the orthodontist and those cases which should be managed by the oral surgeon. Dr. Don Mosher not only read the paragraphs concerning pyorrhea but to a certain extent rewrote the section on treatment of that disease. Dr. C. W. Keeling and Dr. Claude O'Dell were kind enough to read and criticize the chapter on "Inflammations and Diseases of the Soft Structures of and about the Teeth." I am very much indebted to Professor Martin F. Palmer who devotes his time to "speech training" for writing the subject matter concerning this phase of the cleft palate problem. The majority of the drawings were made by Mr. Ted Bloodhart but Dr. S. J. Conrad and Miss K. Bell also made a considerable number. To my secretary, Miss Opal M. Quick, I am particularly indebted for doing the required typing. Lastly, I am indebted to the publishers who have made every effort to bring the book up to the high standard comparable with their other publications.

EARL C. PADGETT.

KANSAS CITY, MISSOURI.

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