

Burket's
Oral Medicine
Diagnosis & Treatment

Tenth Edition

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DEDICATION

This book is dedicated to the memory of Drs. Vernon J. Brightman, Irwin Ship, and S. Gary Cohen whose friendship, advice, and expertise continue to be greatly missed.

And

To my wife, Patti, and children, Deborah and Daniel.

Martin S. Greenberg

And

To my wife, Patricia, and children, Noa, Jonathan, and Gideon.

Michael Glick



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PREFACE

This year celebrates the 50th anniversary of the publication of the first edition of Lester Burket's classic text, *Oral Medicine: Diagnosis and Treatment*. The tenth edition is accompanied by a change in publisher, a new coeditor, and the addition of several authors. New chapters on topics of growing importance in oral medicine such as transplantation and geriatrics have been added, many chapters were entirely rewritten, and the remainder of the text has been significantly revised, reorganized, and updated. These major changes were necessary to reflect the increasing complexity and sophistication of this expanding field.

One man essentially wrote the first edition of the text. The present text includes the work of 30 authors who have been carefully selected for their expertise and clinical experience in specific areas of oral medicine or medicine. This book remains at its core a book for students, residents, and clinicians who require up-to-date information and a rational approach to the diagnosis and comprehensive management of the oral medicine patient. The text applies the latest available basic and clinical science information to the chairside and bedside.

Part I describes modern methods of evaluation, including a totally new chapter "Maxillofacial Imaging" by Sharon Brooks, who emphasizes the practical use of CT and MRI in clinical practice to supplement the use of standard dental imaging. "Diagnosis and Medical Risk Assessment" has been expanded, with the help of Michael Siegel; it provides a foundation for understanding subsequent chapters that focus on pathologic conditions and specific medical conditions.

Part II consists of six chapters describing oral mucosal and salivary gland disease. The chapters on salivary gland disease and on red and white lesions are entirely new, written by experienced clinicians that have made significant contributions to the field, such as Philip Fox, Sol Silverman, and Donald Cohen. Margaret Grisius and Indraneel Bhattacharyya also have made major contributions.

The chapters on oral cancer by Joel Epstein and those on ulcerative and vesiculobullous lesions contain major revisions to reflect the important new information such as diagnostic molecular techniques and immunodiagnostic techniques that has revolutionized these fields. Use of new therapy for oral mucosal diseases is highlighted.

Part III contains completely new chapters on temporomandibular disorders and orofacial pain, topics of major importance to clinicians and students of oral medicine. The efforts of Bruce Blasberg have helped to make these chapters a major contribution to the understanding of these controversial and rapidly changing fields.

The impact of medical conditions and diseases on the provision of dental care has changed dramatically since the previous edition. Consequently, a major emphasis of the tenth edition is the update of chapters addressing medical issues. Several of the medical chapters have been written by practicing physicians in collaboration with oral health care providers. The different perspective of medical providers such as Mark Lepore, Robert Anolik, Frank Silvestry, Elizabeth Tarka, Irving Herling, and Susan Silverton has given this edition a more practical approach based on the experience of these expert clinicians.

“Diseases of the Respiratory Tract” has been completely rewritten, as has “Diseases of the Cardiovascular System.” Both of these chapters describe numerous conditions of importance to oral health care providers and offer practical recommendations on dental care for patients with asthma, hypertension, or bacterial endocarditis prophylaxis.

Major revisions highlighting the impact of oral health care for patients with gastrointestinal diseases, renal disease, hematologic diseases, bleeding and clotting disorders, and immunologic diseases is provided by Michael Siegel, Jed Jacobson, Robert Braun, Scott DeRossi, Katharine Ciarrocca, Lauren Patton, and Adi Garfunkel, all prominent clinicians in the field of oral medicine.

In the completely new chapter on transplant medicine by Thomas Sollecito, a complex subject is explained in a simple and practical manner, which assures both safe and appropriate care for patients before and after having endured solid organ and hematopoietic stem-cell transplants.

John Molinari, a world-renowned authority on infectious diseases, has made a significant contribution to a completely new chapter on hepatitis C virus, tuberculosis, HIV disease, and water-borne diseases of particular interest to oral health care providers. These specific infectious diseases were chosen for their great continuous impact on both the practice of infection control and provision of oral health care for infected patients.

Brian Mealey, one of the foremost oral health experts in this field, has contributed a separate chapter on diabetes mellitus, while Susan Silverton has updated her contribution on endocrine disease. Jonathan Ship, a major contributor to our present knowledge of oral health among older individuals, has provided a completely new chapter on geriatrics and oral medicine.

Lastly, the authors wish to thank the many individuals without whose help this text would not be possible, particularly Mrs. Hazel Dean and Kimmy Rolfe whose expertise, experience, and attention to detail help make our ideas a reality.

Martin S. Greenberg
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