

## *Book Review*

### **ORAL CANCER: DIAGNOSIS, MANAGEMENT, AND REHABILITATION**

1<sup>st</sup> Edition

Editor: **John W. Werning**

Publisher: **Thieme Medical Publishers, New York - Stuttgart, 2007**

Hard cover, 368 pages with 350 illustrations and 46 tables

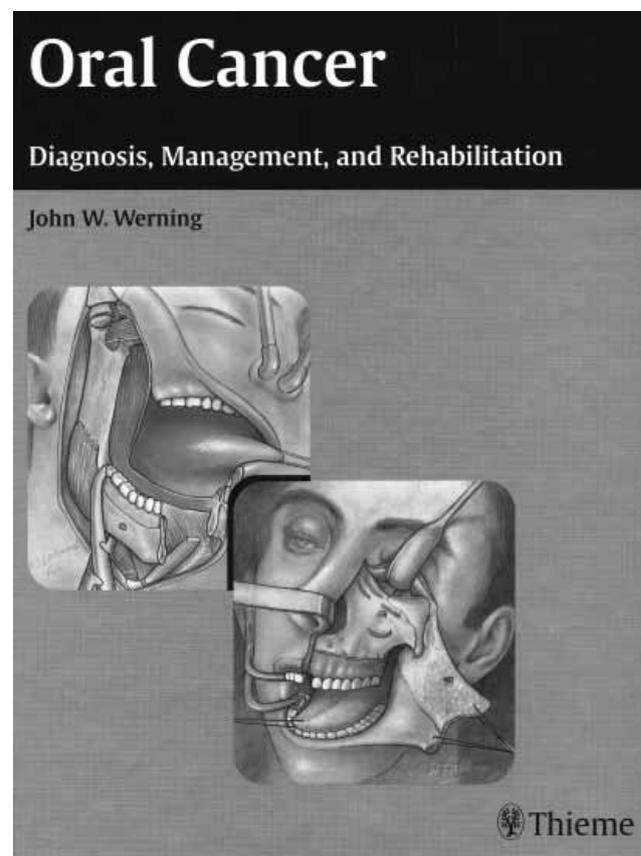
Price: \$ 129.95

Although there are many reference textbooks that cover oral cancer comprehensively, "Oral Cancer" by JW Werning is a practical, easy-to-read guide to the management of oral cancer. It provides readers with a systematic review of the diagnostic and treatment principles that maximize the outcomes of patients who have been diagnosed with oral cancer.

Editor JW Werning, M.D., D.M.D., has brought together contributions from authorities in the fields of head and neck surgical oncology, radiation oncology, reconstructive surgery, dentistry, and oral and maxillofacial surgery. This book provides clinicians with the unified management philosophy firmly based upon the available evidence in the peer-reviewed literature.

Unlike more comprehensive texts on head and neck cancer, this text does not address the basic science foundation of cancer biology or medical therapy. Because of its concise format and coverage of key clinical principles, it makes for a good addition to the library of residents or surgeons who manage head and neck cancer.

This book is divided onto 31 chapters in a following order: Epidemiology of Oral Cancer - Oral Precancer - Malignant Lesions of the Oral



Cavity - Evaluation of Oral Premalignant Lesions - Anatomic Consideration - Imaging of Patients with Oral Cancer - Staging of Oral Cancer - Pretreatment Dental Evaluation and Management of the Oral Cancer Patient - Cancer of the Lip - Cancer of the Buccal Mucosa - Cancer of the Oral Tongue and Floor of Mouth - Cancer of the Lower Alveolar Ridge and Retromolar Trigone - Cancer of the Hard Palate and Upper Alveolar Ridge - Management of the Neck - Reconstruction of the Lips - Reconstruction of the Cheek - Reconstruction of the Tongue - Reconstruction of the Mandible - Reconstruction of the Maxilla - Radiation Therapy - Chemotherapy - Oral Rehabilitation with Osseointegrated Implants - Dental Implant Imaging - Oral Prosthetic Rehabilitation - Xerostomia and Mucositis - Osteoradionecrosis - Speech and Swallowing Following Treatment for Oral Cancer - Temporomandibular Disorder and Orofacial Pain - Chemoprevention - Novel Therapeutics for Head and Neck Cancer - Medical/Legal Issues.

Those chapters contain in-depth clinical reviews of preferred treatment approaches and reconstructive techniques for each oral cavity site facilitate the development of effective treatment strategies that are tailored to the location and extent of the lesion. They also give insightful reviews of controversial clinical issues, such as the management of early mandibular invasion and the clinically negative neck.

In addition to covering management of oral cavity cancer, the book has well-written and concise chapters on related topics such as osteoradionecrosis, prosthetic implantation techniques, chemoprevention, new therapeutic agents (including monoclonal antibodies, tyrosin kinase inhibitors, gene replacement therapy, farnesyl transferase inhibitors, etc), legal issues (malpractice litigation, cancer litigation and risk management). For the most part, the book is well referenced internally, referring the reader to places within the book that are not covered in the current chapter. Unfortunately, this is not always the case, and some topics are divided into separate chapters that might be better grouped together. For example, the chemotherapy section does not include targeted therapies, which are appropriately covered within the book, but in a separate chapter.

A key element in the surgical treatment of patients with oral cancer is state-of-the-art reconstruction, and leaders in the field have contributed site-specific chapters covering the

reconstructive options that are time tested and effective for restoring form and function.

Chapter on reconstruction of the lips exhaustively covers a technique published in 1974 by Prof. M. Karapandžić from the University of Belgrade, Clinic of Maxillofacial Surgery. The description of that method is concluded with the following statement: „Based on the superior functional and cosmetic results that can be achieved, the Karapandzic flap is arguably the flap of choice for most defects“.

Exhaustive coverage was given to the topics that have until now received limited attention in other textbooks devoted to oral cancer, including the evaluation and management of oral premalignant lesions, osseointegrated implantation and dental implant imaging, and orofacial pain.

“Oral Cancer” is long on management and short on pathophysiology. This makes it concise and attractive for clinicians or residents accumulating information specifically about patient management. Its lack of pathophysiology and basic science limits its utility to residents preparing for the in-service examination. However, it will certainly help students or residents prepare for the next days operation or case presentation. For more senior clinicians, it serves as a well-referenced, up-to-date review on management techniques.

As a clinical text, it directs the reader through difficult subjects; it clearly states which topics are controversial, outlines the relevant studies, and then leads the reader to a fair conclusion of acceptable management practices. In areas in which there is consensus, management options are stated clearly and concisely. Furthermore, it informs the reader when introducing a non-standard treatment (such as radiation therapy for lesions traditionally managed by surgery). For a text addressing oral cavity cancer, it contains significant detail on radiotherapy treatment. Overall, this is a valuable addition to the book, as it is not always as well covered in traditional textbooks. Although the radiation oncology sections are well written with excellent figures, they seem in places excessive for the target audience.

The textbook appropriately concludes with a discussion of future directions in cancer therapy, novel therapeutics that are on the horizon, and options for managing treatment sequelae that can significantly affect a patient’s quality of life.

In what is notably missing for a clinically oriented text, it does not contain an adequate discussion of complications related to surgery or radiotherapy within each chapter, nor does it contain a separate chapter that addresses long-term post-treatment complications.

“Oral Cancer” is an up-to-date and comprehensive guide to the clinical management of oral cancer and its rehabilitation. This book is both an indispensable reference for experienced clinicians and

an essential educational tool for residents and other members of the multidisciplinary oral cancer team. Its comprehensive coverage of oral cancer prevention, diagnosis, therapy, reconstruction, and rehabilitation is intended to become an invaluable tool for all who provide a service aimed to improve both therapeutic outcome and quality of life for all patients treated for oral cancer.

**Prof. Miodrag Gavrić**

Oral Cancer: Diagnosis, Management, and Rehabilitation. 1st edition. New York: Thieme, 2007. 2. Manuscript 393 - abstract | Rambam Maimonides Medical Journal, [https:// www.rmmj.org.il/issues/21/Articles/393](https://www.rmmj.org.il/issues/21/Articles/393) (accessed 23 March 2018). 3. Radhakrishnan R, Shrestha B, Bajracharya D. Oral Cancer - An Overview. Oral Cancer.Â Dietary intervention for oral allergy syndrome as a treatment in orofacial granulomatosis: a new approach? J Oral Pathol Med Off Publ Int Assoc Oral Pathol Am Acad Oral Pathol 2013; 42: 517â€“522. 29. Sarode SC, Sarode GS, Tupkari JV. by John W. Werning. Preview. Download.Â Diagnosis and Management (Contemporary Issues in Physical Therapy and Rehabilitation Medicine) Ja Orthopaedic Manual Therapy Diagnosis: Spine and Temporomandibular Joints (Contemporary Issues in Physical Therapy and Rehabilitation Medicine). 578 PagesÂ·2009Â·2.57 MBÂ·13,260 DownloadsÂ·New! Diagnosis: Spine and Temporomandibular Joints (Contemporary Issues in Physical Therapy and Rehabilitation ...Â Tension-type and Cervicogenic Headache: Pathophysiology, Diagnosis, and Management (Contemporary Current Diagnosis and Treatment Physical Medicine and Rehabilitation. 752 PagesÂ·2014Â·17.11 MBÂ·3,082 DownloadsÂ·New!