



Edition: 1st Edition 2017

pages: 482 Images: 101

Cover: Hardcover (spiral bound), 27,3 x 29

cm

ISBN: 978-0-86715-713-0

Stock No.: 11241

Published: December 2017

## **Quintessenz Verlags-GmbH**

- Ifenpfad 2-4 12107 Berlin Germany
- **3** +49 (0) 30 / 76180-5
- **H** +49 (0) 30 / 76180-680
- ☑ info@quintessenz.de
- http://nginx/deu/de

## **Book information**

Authors: Matthew Mizukawa / Samuel J. McKenna / Luis G. Vega

Title: Anesthesia Considerations for the Oral and Maxillofacial Surgeon

## **Short text:**

Although office-based anesthesia administration has been essential in the evolution of outpatient surgery, it is becoming more complex as people live longer and with more comorbid diseases. The purpose of this book is to strengthen the margin of safety of office-based anesthesia administration by helping practitioners determine whether the patients they treat are good candidates for office-based anesthesia. This book is organized into three sections. The first section provides a review of the principles of anesthesia, including the pharmacology of anesthetic agents, local anesthesia, patient monitoring, preoperative evaluation, the airway, and management of emergencies and complications. The major organ systems of the body are reviewed in section two, and the most common comorbid conditions that affect these systems are described in terms of their pathophysiology, diagnosis, management, and anesthesia-related considerations. Section three reviews patient groups that warrant special consideration in the administration of office-based anesthesia, such as geriatric, pediatric, pregnant, and obese patients. Spiral-bound and featuring tabs for quick and easy reference, this important book belongs on the shelf of every clinician who provides anesthesia in the office setting.

## **Contents**

Section I. Principles of Anesthesia Administration

Chapter 01. Basic Principles of Anesthesia

Chapter 02. Pharmacology and Utility of Intravenous Anesthesia

Chapter 03. Pharmacology and Utility of Inhalation Anesthesia

Chapter 04. Local Anesthesia Basics

Chapter 05. Prophylactic and Perioperative Antibiotics Chapter 06. Analgesia Considerations in Anesthesia Chapter 07. Postoperative Nausea and Vomiting

Chapter 08. Monitoring the Patient Chapter 09. Electrocardiography

Chapter 10. Pre-anesthetic Patient Evaluation

Chapter 11. Management of Airway Urgencies and Emergencies

Chapter 12. Medical Emergencies

Chapter 13. Aftermath of an Adverse Outcome or Complication

Section II. Anesthesia and Comorbid Disease

Chapter 14. The Central Nervous System

Chapter 15. The Cardiovascular System

Chapter 16. The Pulmonary System

Chapter 17. The Digestive System

Chapter 18. The Renal System

Chapter 19. The Hepatic System

Chapter 20. The Endocrine System

Chapter 21. The Musculoskeletal System

Chapter 22. The Immune System

Section III. Anesthesia in Special Patient Groups

Chapter 23. Hematopathology and Coagulopathy

Chapter 24. Malignancy

Chapter 25. Geriatrics

Chapter 26. Special Needs Populations

Chapter 27. Pediatric Considerations

Chapter 28. Pregnancy

Chapter 29. Obesity and Obstructive Sleep Apnea

Chapter 30. Considerations for the Substance Abuse Patient Appendices

A. Comprehensive Drug Index

B. Commonly Used Drugs and Doses

C. Algorithms

Categories: Oral/Maxillofacial Surgery, Oral Surgery