The ASMBS Textbook of Bariatric Surgery

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Editors

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Volume 2: Integrated Health

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Preface

The American Society for Metabolic and Bariatric Surgery (ASMBS) is comprised of a dynamic group of surgeons, physicians, and integrated health members, all of whom are constantly challenged to improve the care of obese patients. As acknowledged in a landmark 2013 decision by the American Medical Association, clinically severe obesity is a disease process that is associated with multiple life-threatening conditions that may lead to premature death. As repeatedly and consistently demonstrated by literature evidence, bariatric surgery has shown to be the only long-lasting effective treatment for obesity and its related comorbidities.

Due to the development of videoscopic instrumentation, critical care, modern stapling devices, and laparoscopy, the field of bariatric surgery has changed tremendously over that past three decades since ASMBS's founding in 1983. Until 1998, only 10,000–12,000 bariatric operations were being performed yearly in the United States, with high rates of morbidity and mortality. This number of operations has increased exponentially over the subsequent years and eventually peaked at more than 140,000 operations in 2004. This growth directly correlates with the development and transition from open to laparoscopic Roux-en-Y gastric bypass. Additionally in 2001, following the US Food and Drug Administration's approval of the laparoscopic adjustable gastric band, the number of bariatric procedures experienced a significant increase. By 2005, the number of laparoscopic Roux-en-Y gastric bypass cases being performed in the United States surpassed the number of open Roux-en-Y gastric bypass cases. Most recently, the laparoscopic sleeve gastrectomy has proven to be an additional effective bariatric surgical option, with a risk and benefit profile between that of laparoscopic gastric bypass and laparoscopic adjustable gastric banding.

Along with those utilization changes, technological advancement, surgical technique, and quality improvement all required our society to respond to and accommodate the educational needs of our members. This dynamic field of surgery will continue to grow with enhanced understanding of the mechanisms of action of the procedures we can offer and the development of innovative and complementary treatment of obesity. As the needs of the society and its members evolve, the ASMBS is committed to continuing to serve the educational needs of our members and expanding public education. Our annual meeting is the primary venue to disseminate new information and educational materials to clinical professionals. To enhance and augment these educational offerings, we are excited to present this comprehensive ASMBS textbook of bariatric surgery. The development of this book reflects the commitment of the ASMBS leadership's goal of providing the most up-to-date education for our members.

Designed to be the *most* inclusive textbook on the topic of bariatric surgery and integrated health services to date, this textbook comprises two volumes. The first volume is devoted to the science and practices of bariatric surgery and is divided into five sections detailing basic considerations, including bariatric surgery's history and evolution, the pathophysiology of obesity, mechanisms of action, primary operations and management of complications, revision of primary bariatric surgery for failure of weight loss, the role of metabolic surgery, and specific considerations such as the role of endoscopy in bariatric surgery and coding and reimbursement. The second volume focuses on the medical, psychological, and nutritional management of the bariatric patients.

Each chapter in this book was written by a world-renowned expert in their field. A comprehensive text that adheres to the highest standards is a major undertaking, and we, the editors, are grateful and indebted to every author who has devoted time and effort to research the most important evidence-based information and report it in a concise and easy-to-read chapter. We believe that this *ASMBS Textbook of Bariatric Surgery* is the leading source of scientific information for surgeons, physicians, residents, students, and integrated health members today and for years to come.

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Contents

Part I Psychosocial

1 Psychosocial Characteristics of Bariatric Surgery Candidates	3
David B. Sarwer, Kelly C. Allison, Brooke A. Bailer, and Lucy F. Faulconbridge	
2 Psychopathology and Bariatric Surgery	11
James E. Mitchell and Martina de Zwaan	
3 Quality of Life	19
David B. Sarwer, Chanelle T. Bishop-Gilyard, and Ray Carvajal	
4 Eating Disorders and Eating Behavior Pre- and Post-bariatric Surgery	25
Martina de Zwaan and James E. Mitchell	
5 Introduction to Psychological Consultations for Bariatric Surgery Patients	33
Katherine L. Applegate and Kelli E. Friedman	
6 Psychosocial Issues After Bariatric Surgery	43
Leslie J. Heinberg and Megan E. Lavery	
7 Technology to Assess and Intervene on Weight-Related Behaviors with Bariatric Surgery Patients	55
J. Graham Thomas and Dale S. Bond	
8 Psychosocial Issues in Adolescent Bariatric Surgery	65
Meg H. Zeller and Jennifer Reiter-Purtill	

Part II Nutrition

9 Perioperative Nutrition Assessment of the Bariatric Surgery Patient	77
Laura Lewis Frank	
10 Nutrition Education and Counseling of the Bariatric Surgery Patient	91
Toni Piechota	
11 Macronutrient Recommendations: Protein, Carbohydrate, and Fat	101
Mary Demarest Litchford	
12 Identification, Assessment, and Treatment of Vitamin and Mineral Deficiencies After Bariatric Surgery	111
Margaret M. Furtado	
13 Managing Common Nutrition Problems After Bariatric Surgery	119
Claire M. LeBrun	

14 Nutrition Care Across the Weight Loss Surgery Process.....	129
Julie M. Parrott and J. Scott Parrott	
Part III Obesity Medicine	
15 Lifestyle Modification for the Treatment of Obesity	147
David B. Sarwer, Meghan L. Butryn, Evan Forman, and Lauren E. Bradley	
16 Pharmacotherapy Management of Obesity.....	157
Amanda G. Powell and Caroline Apovian	
17 Medical Preparation for Bariatric Surgery.....	165
Peter N. Benotti and Gregory Dalencourt	
18 The Perioperative and Postoperative Medical Management of the Bariatric Surgery Patient	175
Christopher Still, Nadia Boulghassoul-Pietrzykowska, and Jennifer Franceschelli	
19 The Importance of a Multidisciplinary Team Approach	185
Tracy Martinez	
20 Genomic and Clinical Predictors Associated with Long-Term Success After Bariatric Surgery	195
Glenn S. Gerhard and G. Craig Wood	
21 Medical Approach to a Patient with Postoperative Weight Regain	205
Robert F. Kushner and Kirsten Webb	
22 The Role of Physical Activity in Optimizing Bariatric Surgery Outcomes.....	217
Dale S. Bond and Wendy C. King	
Index.....	231

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