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Titolo	Duodenal Switch and Its Derivatives in Bariatric and Metabolic Surgery : A Comprehensive Clinical Guide // edited by Andre Teixeira, Muhammad A. Jawad, Manoel dos Passos Galvão Neto, Antonio Torres, Laurent Biertho, João Caetano Marchesini, Erik Wilson
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Nota di contenuto	Part I – Introduction -- A Brief History of the Duodenal Switch -- Duodenal Switch. Mechanisms of functioning -- Duodenal Switch and Its Derivatives -- Primary Single Anastomosis Duodenal Switch: Perspective from a Lengthy Experience -- Duodenal Switch and Its Derivatives in Bariatric and Metabolic Surgery -- Part II - Weight Loss Surgery -- Pathophysiology of the cardiometabolic alterations in obesity -- Pathophysiology of bile acid regulation -- Nonalcoholic steatohepatitis (NASH) -- Patient Selection -- Psychological and Psychiatric Work Up -- Nutritional, Behavioral, and Support for Duodenal Switch -- Preoperative endoscopy -- Postoperative care --

Preoperative Testing and Counseling -- Risk Assessment and Reduction -- Airway Evaluation and Management -- Patient Positioning and Positioning for Bariatric Surgery -- Intraoperative Monitoring Of The Morbidly Obese Patient -- Method of anesthesia: gas selection and adjunct medications -- Regional Anesthesia in Bariatric Surgery -- Multimodal Analgesia in Bariatric Surgery -- Anatomical Considerations -- Robotic Duodenal Switch and SADI-S: Technical Aspects -- Laparoscopic Biliopancreatic Diversion with Duodenal Switch: Surgical technique -- SADIS - Technical details -- Technical Aspects of Single Anastomosis Duodenal Switch-SIPS Version -- Duodenal Bipartition or Side-to-Side Duodeno-Ileostomy. Rationale and Technical Details -- Duodenoileal anastomosis with handsewn technique -- Circular Anastomosis in Duodenal Switch -- Duodenoileal anastomosis with linear stapler technique -- Staged Duodenal Switch for High-Risk Patients -- Duodenal Switch, SADI and SIPS in Adolescent -- Duodenal Switch (DS), Single Anastomosis Duodeno-Ileal bypass (SADI) and Stomach Intestinal Pylorus-Sparing (SIPS) Surgery in the Elderly -- Right Gastric Artery Ligation: The Brazilian Results -- Surgery Failure: what are the options? -- Causes of Weight Regain After Duodenal Switch and its Derivatives -- Revisional Surgery for Weight Regain -- Conversion of Sleeve Gastrectomy to Duodenal Switch and SADI-S -- Gastric Band Revision to Duodenal Switch -- Endoscopic Treatment of Weight Regain in Duodenal Switch -- Conversion of Gastric Bypass to Duodenal Switch -- Management of Duodenal Stump blowout -- Duodenoileal anastomosis testing -- Closing the mesenteric defects -- Preventing Surgical Complications -- Malabsorptive complications -- Postoperative Psychological Assistance -- Surgical Management of Leaks -- Internal Hernias and Bowell Obstruction -- Management of Portal Vein Thrombosis Following Bariatric Surgery -- Gallstones and Choledocholithiasis -- Hyperinsulinemic postprandial hypoglycemia after duodenal switch -- Diarrhea after Duodenal Switch: Medical and Surgical Management -- Endoscopic Treatment of Complications -- Global analysis of our experience with hypoabsorptive technique: > 500 cases DS vs SADI-S -- Body Contouring after Duodenal Switch -- Bariatric Surgery Population in the ICU -- Bariatric Emergencies For The General Surgeon -- Robotic bariatric surgeon training -- Part III - Metabolic and Diabetes Type 2 Surgery -- Mechanisms of control of diabetes 2 with duodenal switch -- The Evolution of Single anastomosis Duodenal Switch -- Metabolic Syndrome Control and the influence of hormonal changes post-Duodenal Switch (DS) -- Staged Duodenal Switch for High-Risk Patients -- Duodenal Switch in Patients with Metabolic Syndrome -- Duodenal Switch (DS) for the Surgical Treatment of Diabetes and Metabolic Disease -- Postoperative care -- Metabolic Syndrome and the Influence of Bile Acids.

Sommario/riassunto

This book provides extensive information on the duodenal switch and all of its derivatives. The number of procedures performed is progressively increasing, as cases of obesity are on the rise and patients' body mass index (BMI) is getting higher. It discusses all the techniques involved in the duodenal switch procedure and its derivatives used in the primary and revision situations. Readers will learn what the procedure can offer not only in terms of weight loss, but also its potential with regard to metabolic diseases, since some data indicates that the duodenal switch may lead to rapid resolution of diabetes and other comorbidities. The work is divided into three parts, the first of which provides an overview of the duodenal switch, its history, mechanisms of action and reasons for performing it. Part II covers patient selection, risk assessment, complications and different techniques regarding weight loss surgery. In addition, there are

chapters on nutrition and psychological aspects. Lastly, the chapters in Part III address patient selection and preoperative and postoperative care in metabolic and diabetes type 2 surgeries. The most important information on the duodenal switch is gathered in a single volume and includes its benefits for metabolic diseases. This book will give healthcare professionals new confidence with regard to this procedure and may serve as a reference guide not only for the bariatric community (surgeons, PA, ARNP, nutritionists) but also for teaching new residents and fellows.
