

Cognitive and Didactic Requirements

ASMBS COGNITIVE CURRICULUM LEARNING OBJECTIVES

Opportunities for didactic interactions include specially designated bariatric textbook review sessions, journal club, peer-review conferences, and resident teaching rounds. Alternatively, viewing of one or more of the live or recorded ASMBS FELLOWS Project lectures may be used to satisfy the requirement in that didactic topic area. Watching all current year FELLOWS Project and 6 videos from the previous year will fill the Cognitive & Didactic requirements.

I. Science of Obesity and Metabolic Surgery

- a. History of Bariatric and Metabolic Surgery
- b. Epidemiology of Surgery
- c. Pathophysiology and Genetics of Obesity
- d. Mechanisms of Weight Loss and Disease Resolution
- e. Psycho-social aspect and Health Disparities
- f. Nutritional Considerations

II. Current Technical Procedures

- a. Adjustable Gastric Banding
- b. Sleeve Gastrectomy
- c. Roux-en-Y Gastric Bypass
- d. Biliopancreatic Diversion with Duodenal Switch
- e. Single Anastomosis Duodeno-ileostomy – Loop Duodenal Switch
- f. Revisional Bariatric Surgery
- g. Innovative and Emerging Procedures
 - i. Endoscopic Techniques
 - ii. One Anastomosis Gastric Bypass

III. Peri-operative Care

- a. Indications for Metabolic/Bariatric Surgery
- b. Patient Selection in Metabolic/Bariatric Surgery
- c. Pre-operative Evaluation of the Bariatric Patient
- d. Anesthesia Considerations
- e. Acute Postoperative Complications
- f. Post-operative care and Enhanced Recovery Protocols
- g. Long term Follow up and Complications of Bariatric Patients

IV. Outcomes of Metabolic Surgery

- a. Safety of Metabolic/Bariatric Surgery
- b. Weight loss after various Procedures
- c. Resolution of Type 2 Diabetes
- d. Resolution and Prevention of Cardiovascular disease
- e. GERD Improvement

V. Special Considerations and Population Subsets

- a. Management of Liver and Biliary Conditions
- b. Childhood and Adolescent Obesity Surgery
- c. Elderly and frail Bariatric Patients
- d. Abdominal Wall Hernia / Evisceration
- e. Immune Compromise and Transplant Patients
- f. Pregnancy and Obesity Surgery
- g. Aberrant anatomy
- h. Autoimmune conditions and IBS