



2026 Metabolic and Bariatric Surgery Module

All References



Below you will find the topics and references for the Metabolic and Bariatric Surgery module for the 2026 General Surgery Continuous Certification Assessment. Diplomates are **not** expected or required to read all of these references before or during the assessment. Key References are marked with a yellow star ★.

Due to permission limitations, we can only provide direct full-text links for articles that are already open access; all other links will direct to PubMed.

To view full-text articles for **all** references before starting your assessment, please log in to the [surgeon portal](#), where links and PDFs will be freely available beginning **August 8, 2026**. Additionally, full-text links and PDFs for all Key and Additional References will be available directly within the exam platform while you take your assessment.

Accreditation by MBSAQIP

- ★ American College of Surgeons. Optimal Resources for Metabolic and Bariatric Surgery. 3rd ed. 2019. <https://www.facs.org/quality-programs/accreditation-and-verification/metabolic-and-bariatric-surgery-accreditation-and-quality-improvement-program/standards/>.

Endoscopic findings and bariatric decision making (gastric polyps, GIST, gastritis, *Helicobacter pylori*, hiatal hernia, bile reflux)

- ★ Sierzantowicz R, Ladny JR, Kurek K, Lewko J. Role of preoperative esophagogastroduodenoscopy (EGD) in bariatric treatment. *J Clin Med*. 2021;10(13):2982. doi:10.3390/jcm10132982

Endoscopic findings and bariatric decision making (revisional surgery)

- ★ Vanetta C, Dreifuss NH, Schlottmann F, Baz C, Masrur MA. Bariatric surgery conversions in MBSAQIP centers: current indications and outcomes. *Obes Surg*. 2022;32(10):3248-3256. doi:10.1007/s11695-022-06229-z

Factors contributing to obstruction after bariatric surgery and the specifics for each procedure

- ★ Zaigham H, Ekelund M, Lee D, Ekberg O, Regnér S. Intussusception after Roux-en-Y gastric bypass: correlation between radiological and operative findings. *Obes Surg*. 2023;33(2):475-481. doi:10.1007/s11695-022-06377-2



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- [Lvoff N, Breiman RS, Coakley FV, Lu Y, Warren RS. Distinguishing features of self-limiting adult small-bowel intussusception identified at CT. *Radiology*. 2003;227\(1\):68-72. doi:10.1148/radiol.2272020455](#)

GLP-1

- ★ [Beutler LR. GLP-1 physiology and pharmacology along the gut-brain axis. *J Clin Invest*. 2026;136\(2\):e194744. doi:10.1172/JCI194744](#)
- [Drucker DJ. GLP-1 physiology informs the pharmacotherapy of obesity. *Mol Metab*. 2022;57:101351. doi:10.1016/j.molmet.2021.101351](#)

High BMI surgery

- ★ [Abi Mosleh K, Lind R, Salame M, et al. Comparative multicenter analysis of sleeve gastrectomy, gastric bypass, and duodenal switch in patients with BMI \$\geq 70\$ kg/m²: a 2-year follow-up. *Surg Obes Relat Dis*. 2024;20\(4\):399-405. doi:10.1016/j.soard.2023.11.011](#)
- [Romero-Velez G, Pechman DM, Muñoz Flores F, Moran-Atkin E, Choi J, Camacho DR. Bariatric surgery in the super-super morbidly obese: outcome analysis of patients with BMI >70 using the ACS-NSQIP database. *Surg Obes Relat Dis*. 2020;16\(7\):894-899. doi:10.1016/j.soard.2020.03.025](#)

Impact of obesity on fertility, including PCOS in females

- ★ [Dzienny AC, Seifer DB. Impact of reducing obesity in PCOS: methods and treatment outcomes. *J Pers Med*. 2025;15\(11\):518. Published 2025 Oct 31. doi:10.3390/jpm15110518](#)
- [Mirghani H, Shaman A. Bariatric surgery as a treatment of polycystic ovary syndrome: a systematic review and meta-analysis. *Front Endocrinol \(Lausanne\)*. 2026;16:1682379. doi:10.3389/fendo.2025.1682379](#)
- [Zhao W, Zhou J, Song Y, et al. Polycystic ovary syndrome revisited: novel insights and updates. *Int J Med Sci*. 2026;23\(1\):271-282. doi:10.7150/ijms.119968](#)

Indications (BMI and other criteria for surgical treatment, management, and outcomes)

- ★ [Eisenberg D, Shikora SA, Aarts E, et al. 2022 American Society for Metabolic and Bariatric Surgery \(ASMBS\) and International Federation for the Surgery of Obesity and Metabolic Disorders \(IFSO\): indications for metabolic and bariatric surgery. *Surg Obes Relat Dis*. 2022;18\(12\):1345-1356. doi:10.1016/j.soard.2022.08.013](#)



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Intraoperative endoscopy

- ★ [Vosburg RW, Nimeri A, Azagury D, et al. ASMBS literature review on the treatment of marginal ulcers after metabolic and bariatric surgery. *Surg Obes Relat Dis.* 2025;21\(1\):1-8. doi:10.1016/j.soard.2024.10.003](#)

Know outcomes after DS in relation to weight loss

- ★ [Chang A, Pina L, Harris D, Wood C, Obradovic V, Parker DM. Biliopancreatic diversion with duodenal switch results in superior weight loss and diabetes remission in patients with baseline body mass index \$\geq 50\$. *Surg Obes Relat Dis.* 2025;21\(5\):548-553. doi:10.1016/j.soard.2024.11.004](#)
- [Maroun J, Li M, Oyefule O, et al. Ten year comparative analysis of sleeve gastrectomy, Roux-en-Y gastric bypass, and biliopancreatic diversion with duodenal switch in patients with BMI \$\geq 50\$ kg/m². *Surg Endosc.* 2022;36\(7\):4946-4955. doi:10.1007/s00464-021-08850-y](#)

Know the absolute contraindications for placing intragastric balloon

- ★ [Mathus-Vliegen EMH. Is endoscopy really necessary for placing intragastric balloons?. *Obes Surg.* 2018;28\(1\):169-175. doi:10.1007/s11695-017-2812-5](#)
- [Barakat KE, Abuhasan DK, Asal MF, et al. Adjunctive semaglutide in patients undergoing intragastric balloon for weight loss: 12-month prospective comparative study. *Obes Surg.* 2025;35\(12\):5398-5409. doi:10.1007/s11695-025-08368-5](#)
- [Salomone F, Currenti W, Magrì G, Boškoski I, Zelber-Sagi S, Galvano F. Effects of intragastric balloon in patients with nonalcoholic fatty liver disease and advanced fibrosis. *Liver Int.* 2021;41\(9\):2112-2116. doi:10.1111/liv.14917](#)

Know the complications of cirrhosis that are absolute contraindications to bariatric surgery (portal hypertension, varices, etc.)

- ★ [Tapper EB, Parikh ND. Diagnosis and management of cirrhosis and its complications: a review. *JAMA.* 2023;329\(18\):1589-1602. doi:10.1001/jama.2023.5997](#)
- [Patton H, Heimbach J, McCullough A. AGA clinical practice update on bariatric surgery in cirrhosis: expert review. *Clin Gastroenterol Hepatol.* 2021;19\(3\):436-445. doi:10.1016/j.cgh.2020.10.034](#)



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Know the concepts involved in distalization including measurement of the total bowel length as well as the TALL (Total Alimentary Limb Length) and how to distalize, yet minimize severe protein malnutrition and steatorrhea (TALL 400cms)

- ★ [Aleassa EM, Papasavas P, Augustin T, et al. American Society for Metabolic and Bariatric Surgery literature review on the effect of Roux-en-Y gastric bypass limb lengths on outcomes. *Surg Obes Relat Dis.* 2023;19\(7\):755-762. doi:10.1016/j.soard.2023.04.298](#)

Know the considerations for deciding which bariatric procedure to perform in the setting of various types of IBD

- ★ [Wallhuss A, Ottosson J, Cao Y, et al. Outcomes of bariatric surgery for patients with prevalent inflammatory bowel disease: a nationwide registry-based cohort study. *Surgery.* 2023;174\(2\):144-151. doi:10.1016/j.surg.2023.04.059](#)

Know the impact of obesity on long-term and short-term survival, including the severity of disease

- ★ [Gasoyan H, Alavi MH, Zajichek A, et al. Macrovascular and microvascular outcomes of metabolic surgery versus GLP-1 receptor agonists in patients with diabetes and obesity. *Nat Med.* 2025;31\(10\):3341-3349. doi:10.1038/s41591-025-03893-3](#)

Know the patient related factors as causes of leak including poor nutrition, smoking, liver cirrhosis and renal failure

- ★ [Shuchleib A, Swartz D, Talavea Piña J, Garcia Vences E, Mercado M. Predicting postoperative leaks: a preoperative risk index for bariatric surgery. *Obes Surg.* 2025;35\(8\):3190-3196. doi:10.1007/s11695-025-08030-0](#)
- [Mocanu V, Dang J, Ladak F, Switzer N, Birch DW, Karmali S. Predictors and outcomes of leak after Roux-en-Y gastric bypass: an analysis of the MBSAQIP data registry. *Surg Obes Relat Dis.* 2019;15\(3\):396-403. doi:10.1016/j.soard.2019.01.012](#)

Know the relative contraindications to performing sleeve gastrectomy (severe esophagitis, Barrett's Esophagus, giant paraesophageal hernia)



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- ★ [Campos GM, Mazzini GS, Altieri MS, et al. ASMBS position statement on the rationale for performance of upper gastrointestinal endoscopy before and after metabolic and bariatric surgery. *Surg Obes Relat Dis.* 2021;17\(5\):837-847. doi:10.1016/j.soard.2021.03.007](#)

Understand the options and in which settings to fix or revise the device

- ★ [Kirshtein B, Avinoach E, Mizrahi S, Lantsberg L. Presentation and management of port disconnection after laparoscopic adjustable gastric banding. *Surg Endosc.* 2009;23\(2\):272-275. doi:10.1007/s00464-008-9889-9](#)
- ★ [Al-Kurd A, Grinbaum R, Mizrahi I, et al. A comparison between one- and two-stage revisional gastric bypass. *Surg Endosc.* 2019;33\(5\):1459-1464. doi:10.1007/s00464-018-6427-2](#)
- ★ [Nasri BN, Trainor L, Jones DB. Laparoscopic adjustable gastric band remains a safe, effective, and durable option for surgical weight loss. *Surg Endosc.* 2022;36\(10\):7781-7788. doi:10.1007/s00464-022-09278-8](#)
- ★ [Perry ZH, Zioni T, Netz U, et al. A comparison of one- and two-stage laparoscopic sleeve gastrectomy following failed laparoscopic adjustable gastric banding using the BAROS score. *Obes Surg.* 2022;32\(4\):1243-1250. doi:10.1007/s11695-022-05944-x](#)
- ★ [Ponce J, Fromm R, Paynter S. Outcomes after laparoscopic adjustable gastric band repositioning for slippage or pouch dilation. *Surg Obes Relat Dis.* 2006;2\(6\):627-631. doi:10.1016/j.soard.2006.09.001](#)
- ★ [Sharples AJ, Charalampakis V, Daskalakis M, Tahrani AA, Singhal R. Systematic review and meta-analysis of outcomes after revisional bariatric surgery following a failed adjustable gastric band. *Obes Surg.* 2017;27\(10\):2522-2536. doi:10.1007/s11695-017-2677-7](#)

Understand the signs, symptoms and treatment of B1 (thiamine) deficiency

- ★ [Patterson E, Kurian M, Sann N, et al. ASMBS literature review & clinical guidelines on prevention, diagnosis, and treatment of Wernicke's encephalopathy and Wernicke-Korsakoff syndrome. *Surg Obes Relat Dis.* 2025;21\(7\):707-718. doi:10.1016/j.soard.2025.03.009](#)

Understand the types of substance abuse problems that are contraindications to bariatric surgery

- ★ [Eisenberg D, Shikora SA, Aarts E, et al. 2022 American Society for Metabolic and Bariatric Surgery \(ASMBS\) and International Federation for the Surgery of Obesity and Metabolic Disorders \(IFSO\): indications for metabolic and bariatric surgery. *Surg Obes Relat Dis.* 2022;18\(12\):1345-1356. doi:10.101](#)