

Pre-Operative Guideline for GLP-1 Analogues

Possible Drug Names: Semaglutide, Rybelsus, Trulicity, Victoza, Wegovy, Ozempic, Tirzepitide or Mounjaro

Scope: Elective, Planned Surgery & Procedures

Surgeon's Office

1 Surgeon's office to advise patient to **stop taking Semaglutide at recommended timeframe** (see *Clinical Considerations & Why is the Patient Taking a GLP-1 Analogue?*). If patient is prescribed Semaglutide for diabetes and risk of hyperglycemia or diabetes dysregulation is not known, patient to continue Semaglutide and Surgeon's Office to notify Pre-Admission Clinic.

Pre-Admission Clinic

2 Ensure patient has stopped taking Semaglutide within recommended timeframe. If not, advise patient to stop taking Semaglutide, as appropriate.

Day of Surgery

3 Ensure patient has stopped taking Semaglutide within recommended timeframe. If not, escalate to Anesthesiologist and Surgeon (see *Troubleshooting on Day of Surgery*).

CLINICAL CONSIDERATIONS

1. How recently has the patient started GLP1A medication?
2. Does the patient experience gastrointestinal symptoms?
3. What is the risk of hyperglycemia / diabetes dysregulation if the medication is stopped?

WHY IS THE PATIENT TAKING A GLP-1 ANALOGUE?

Weight Loss/Obesity. Patient to stop Semaglutide for three weeks in advance of surgery.

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Diabetes. If patient is expected to have significant diabetes dysregulation if stopping, continue Semaglutide. For other patients, omit one dose of Semaglutide in advance of surgery (last dose taken more than one week in advance of surgery). For all patients, avoid increasing dosage of Semaglutide immediately before elective surgery.

TROUBLESHOOTING ON DAY OF SURGERY

If Semaglutide not stopped for three weeks (weight loss/obesity) or one week (diabetes) in advance of surgery, proceed with surgery or procedure utilizing procedural sedation and avoiding deep sedation, if appropriate, and request support from Anesthesia Care Team. Anesthesiologist to consider gastric ultrasound, if available, and proceed with standard precautions for aspiration.