
Gastroenterostomy

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Introduction

In this chapter both techniques for gastroenterostomy, the open and laparoscopic approaches, are described in patients with gastric outlet obstruction syndrome.

Indications and Contraindications

Indications

- Palliation of gastric outlet obstruction caused by advanced gastric, duodenal, or periampullary tumor
- Gastric drainage following vagotomy when pyloroplasty is not feasible

Contraindications

- Severe hypoalbuminemia
- Evidence of diffuse metastatic spread, indicating extremely low life expectancy
- Prohibitive comorbidity

Preoperative Investigation/Preparation for the Procedure

History:	Persistent vomiting
Laboratory tests:	Electrolytes, albumin, coagulation parameters
Radiology:	Upper GI contrast study
CT scan:	Assessment of primary disease/condition
Endoscopy:	Assessment of gastric outlet obstruction, periampullary biopsy for tissue diagnosis

A large-bore nasogastric tube is placed the day prior to the operation for gastric decompression and irrigation.

The patient's water and electrolyte balance are corrected preoperatively.