

GASTRIC OUTLET OBSTRUCTION Gastric outlet obstruction is the least common ulcer-related complication, occurring in 1–2% of patients. A patient may have relative obstruction secondary to ulcer-related inflammation and edema in the peripyloric and duodenal region. This process often resolves with ulcer healing. A fixed, mechanical obstruction secondary to scar formation in the peripyloric areas is also possible. The latter requires endoscopic (balloon dilation with or without placement of a biodegradable stent) or surgical intervention with a stricturoplasty or gastrojejunostomy. Signs and symptoms relative to mechanical obstruction may develop insidiously. New onset of early satiety, nausea, vomiting, increase of postprandial abdominal pain, and weight loss should make gastric outlet obstruction a possible diagnosis.

Differential Diagnosis The list of GI and non-GI disorders that can mimic ulceration of the stomach or duodenum is quite extensive. The most commonly encountered diagnosis among patients seen for upper abdominal discomfort is functional dyspepsia (FD) or *essential dyspepsia*, which refers to a group of heterogeneous disorders typified by upper abdominal pain without the presence of an ulcer. The symptoms can range from postprandial fullness and early satiety to epigastric burning pain. The dichotomy of this symptom complex has led to the identification of two subcategories of FD including postprandial distress syndrome (PDS) and epigastric pain syndrome (EPS). Dyspepsia has been reported to occur in up to 30% of the U.S. population. Up to 80% of patients seeking medical care for dyspepsia have a negative diagnostic evaluation. The etiology of FD is not established, but recent studies suggest that postinfectious states, certain foods, and *H. pylori* infection may contribute to the pathogenesis of this common disorder.

Several additional disease processes that may present with “ulcer-like” symptoms include proximal GI tumors, gastroesophageal reflux, vascular disease, pancreaticobiliary disease (biliary colic, chronic pancreatitis), and gastroduodenal Crohn’s disease.

Diagnostic Evaluation In view of the poor predictive value of abdominal pain for the presence of a gastroduodenal ulcer and the