Upper Gastrointestinal Bleeding From Leukemic Gastric Implants

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Figure 1  A 23-year-old woman admitted with an acute myelogenous leukemic blast crisis, developed thrombocytopenia, melena, and anemia. An esophagastroduodenoscopy was performed, revealing an erythematous, friable mucosa with multiple white plaques lining the entire gastric mucosa. A small feeding tube was in place.

Figure 2  The stomach biopsy revealed fragments of ulcerated gastric mucosa involved by a marked leukemic infiltrate which was focally replacing the gastric pits. A special stain for fungi (GMS) revealed fungal forms within the fibrinopurulent exudate (hematoxylin and eosin × 250; GMS stain × 100).