

9 Gastric adenocarcinoma, diffuse type**Micro**

- These are gastric mucosal biopsies with partial denudation of the surface epithelium.
- Within the mucosa, gastric-type mucus cells infiltrate as individual cells and small clusters.
- The cells show signet ring morphology (intracytoplasmic lumina).
- The infiltrate is not associated with intestinal metaplasia or background dysplasia.
- Submucosal fibrosis is noted.

Diagnosis

- Gastric adenocarcinoma, diffuse type

Further work/comment

- Confirmatory stains are PAS for mucin and CK20 marker.
- Infiltration of the gastric wall creates a thickened, rigid, leather bottle-like stomach (linitis plastica), which explains the endoscopic findings provided.
- Also, it causes pyloric obstruction which manifested clinically as vomiting in this case.