

PARTICULAR ENDOSCOPIC PRESENTATION OF MULTIPLE GASTRIC ECLOMAS

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Poster

Oesophagus

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A 66-year-old woman with iron deficiency anemia was diagnosed with multiple gastric ECL cell carcinoids associated with Biermer's disease and treated with endoscopic resection of larger lesions, iron and vitamin B12 replacement, and proton pump inhibitors.

KEY POINTS

- Upper endoscopy revealed multiple fundic polypoid lesions greater than 10mm including a 20mm subcardial lesion, with histopathology confirming ECL cell carcinoids and fundic atrophy consistent with Biermer's disease
- Laboratory findings showed collapsed vitamin B12 levels and presence of anti parietal cell antibodies, with hemoglobin at 9.8g/dL
- Treatment consisted of injectable iron infusions, vitamin B12 injections, proton pump inhibitors, and endoscopic resection of supracentimetric lesions with monitoring of smaller lesions
- ECL cell tumors typically occur in hypergastrinemia secondary to achlorhydria from chronic atrophic gastritis, especially in Biermer's disease, and management recommendations include monitoring for lesions less than 1 cm and endoscopic mucosectomy for lesions greater than 1 cm if submucosa is undamaged

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