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Summary

UNVEILING THE RARITY: PYOGENIC GRANULOMA – A RARE CULPRIT BEHIND IRON DEFICIENCY ANEMIA

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UEG Week Vienna 2024 | Poster

Small Intestine & Nutrition

October 13, 2024

A 78-year-old woman with unexplained iron deficiency anemia was found to have a small bowel pyogenic granuloma near a Meckel diverticulum, successfully treated with device-assisted enteroscopy after capsule endoscopy localization.

KEY POINTS

- The patient presented with iron deficiency anemia requiring periodic transfusion and intravenous iron, with unremarkable upper and lower endoscopy findings.
- Capsule endoscopy revealed an ileal polypoid ulcerated lesion adjacent to a Meckel diverticulum, which was subsequently identified and removed via double balloon enteroscopy.
- Histopathology confirmed a pyogenic granuloma (lobular capillary hemangioma), a rare benign vascular proliferation that most commonly affects skin and oral mucosa but can involve the gastrointestinal tract.
- Anemia resolved after endoscopic resection of the 15-millimeter lesion using diathermic snare with submucosa injection and clip application.
- Small bowel pyogenic granulomas may be underdiagnosed due to misidentification as inflammatory or hyperplastic polyps, and capsule endoscopy with device-assisted enteroscopy proved essential for diagnosis and management in this case.

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