

SARCINA VENTRICULI INFECTION PRESENTING WITH GASTRIC OUTLET OBSTRUCTION AND DEVELOPMENT OF BLEEDING DUODENAL ULCER WITH PERFORATION REQUIRING EMERGENCY SURGERY

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Poster

Oesophagus

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A 75-year-old vegetarian female with Sarcina Ventriculi infection presented with gastric outlet obstruction and duodenal stricture that initially improved with antibiotics but later developed life-threatening bleeding and perforation requiring emergency surgery.

KEY POINTS

- Duodenal biopsies showed chronic inflammation and characteristic tetrahedral bacterial colonies consistent with Sarcina Ventriculi, with negative results for Helicobacter pylori and malignancy.
- Treatment with a one-week course of ciprofloxacin, metronidazole, and omeprazole led to significant stricture improvement and clearance of Sarcina Ventriculi on repeat biopsy.
- Despite successful bacterial eradication, the patient subsequently developed a bleeding duodenal ulcer and perforation requiring exploratory laparotomy.
- No standardized treatment guidelines exist for Sarcina Ventriculi infection, and the incidence of this rare infection appears to be rising.
- This case is relevant for gastroenterologists managing rare bacterial infections and emphasizes the need for vigilance regarding potential life-threatening complications even after initial treatment response.

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