

# MIDDLE EAST OBESITY, BARIATRIC SURGERY AND ENDOCRINOLOGY CONGRESS

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## Acute pancreatitis after laparoscopic sleeve gastrectomy: An unusual complication

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**Introduction:** Sleeve gastrectomy is the most preferred bariatric procedure done for weight loss across the globe. Staple line leak, bleeding, peritonitis and stricture forms the major complications that has been reported after sleeve gastrectomy. Acute pancreatitis is a rare form of complication seen in our practice, that needs to be kept in mind while undertaking bariatric surgery and treating morbid obesity.

**Case Summary:** A 38 year's old married female with BMI of 41 kg/m<sup>2</sup> having diabetes mellitus, hypertension and hypothyroidism underwent uneventful laparoscopic sleeve gastrectomy. She was discharged on the second post-operative day with normal vitals and negative leak study. She was tolerating clear fluids till post-operative day 10. Then she started having nausea with non-projectile vomiting and low-grade fever. Except raised serum amylase and lipase levels, rest of her bio-chemical laboratory tests was within normal range. Her ultrasound report showed mild edematous pancreas around the mid-body, with no collection or necrosis. We treated her conservatively with i.v fluids, antiemetic's, S/C Octreotide and she settled down in a week. She is currently 6 months post surgery and has no similar events to report.

**Conclusion:** We conducted a search on similar cases of acute pancreatitis post bariatric surgery and found very few cases has been reported. The overall incidence of acute pancreatitis post bariatric surgery is 1.04% which is higher than that reported for the general population (0.017%). Hence bariatric surgeons should be more cautious, aware of such complications and take appropriate consent prior to the surgery.

### Biography

Biswanath Gouda is a well-trained Advanced Laparoscopic GI & HPB Surgeon based in Mumbai, India. He has completed Fellowship in Advanced Laparoscopic Surgery from Scripps Clinic, San Diego, USA and from Institute of Laparoscopic Surgery, Bourdeaux, France with JL Dulucq. He is one of the few surgeons from India to have completed International Laparoscopic Hepato-biliary Pancreatic Surgery Fellowship under Brice Gayet, Paris, France. His clinical interest is in providing accessible health care to morbid obese patients in India, creating more acceptable norms for bariatric surgery and reducing childhood obesity.

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