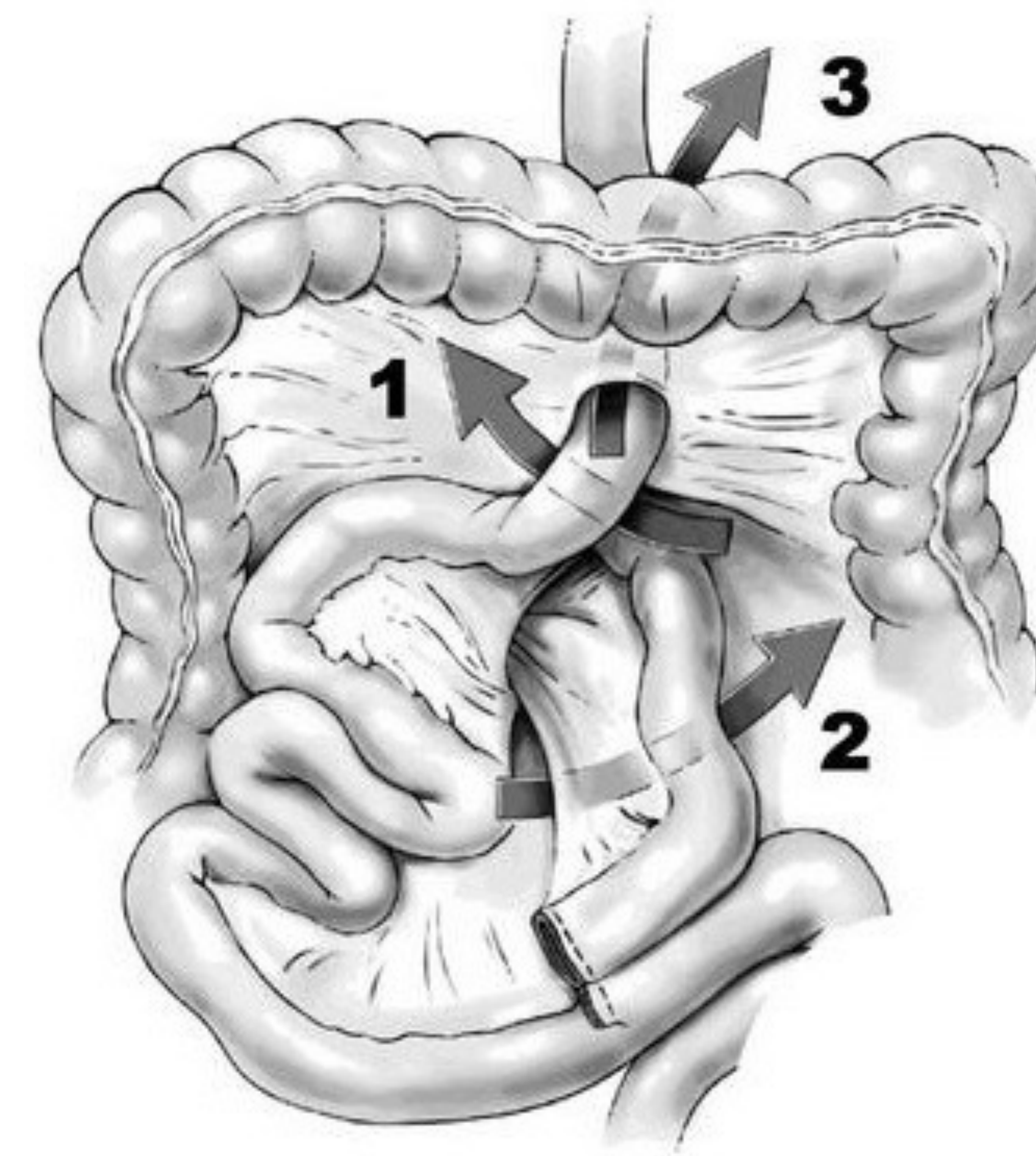


Internal Hernia Leading to Catastrophic Midgut Infarction in a Parturient

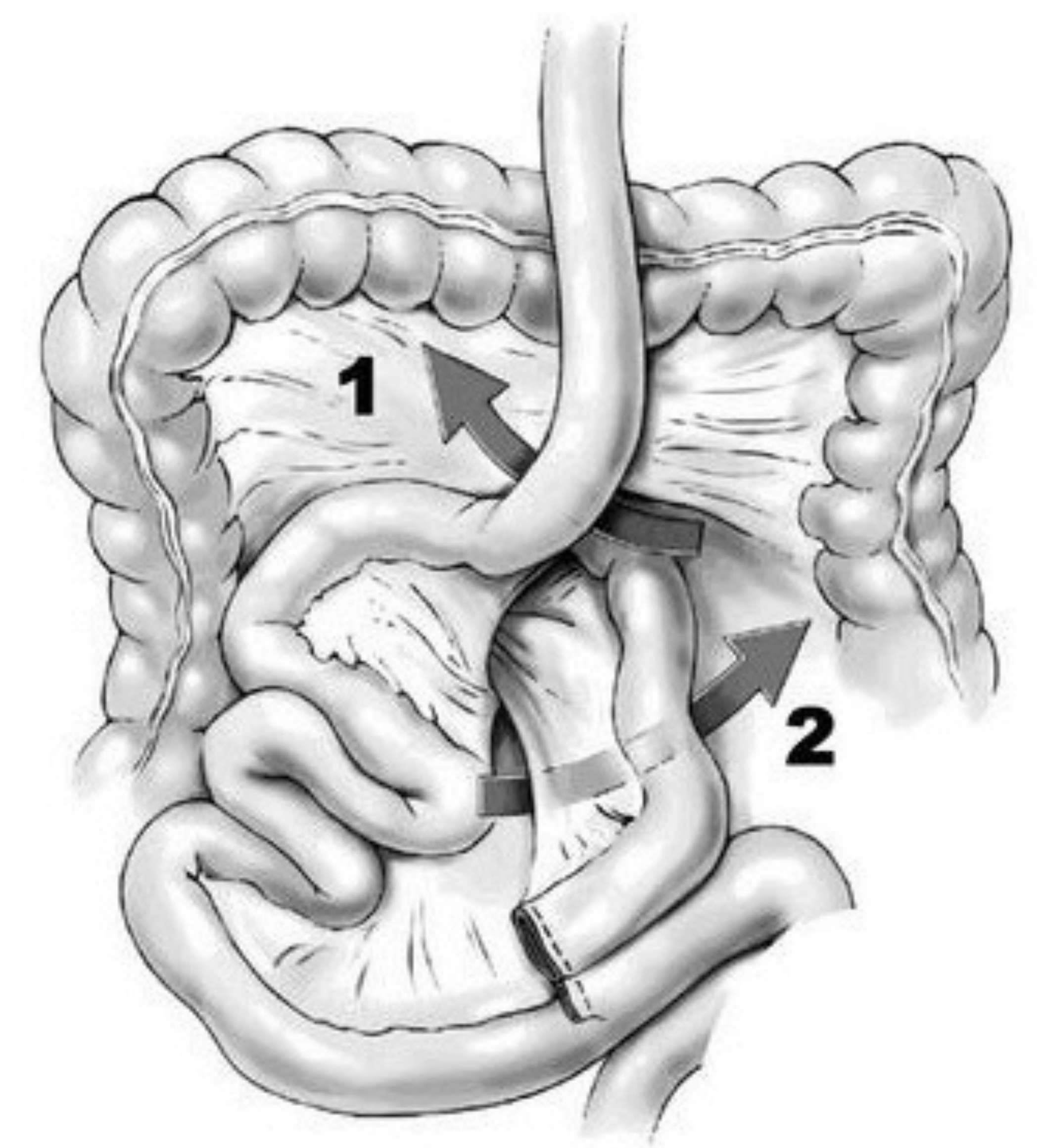
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Background

- Bariatric surgery is an effective treatment for obesity, leading to sustained weight loss and improvement in fertility
- Internal herniation is a feared complication, especially after laparoscopic Roux-en-Y gastric bypass (LRYGB)
- Pregnancy further increases risk of internal hernia formation and can mask symptoms

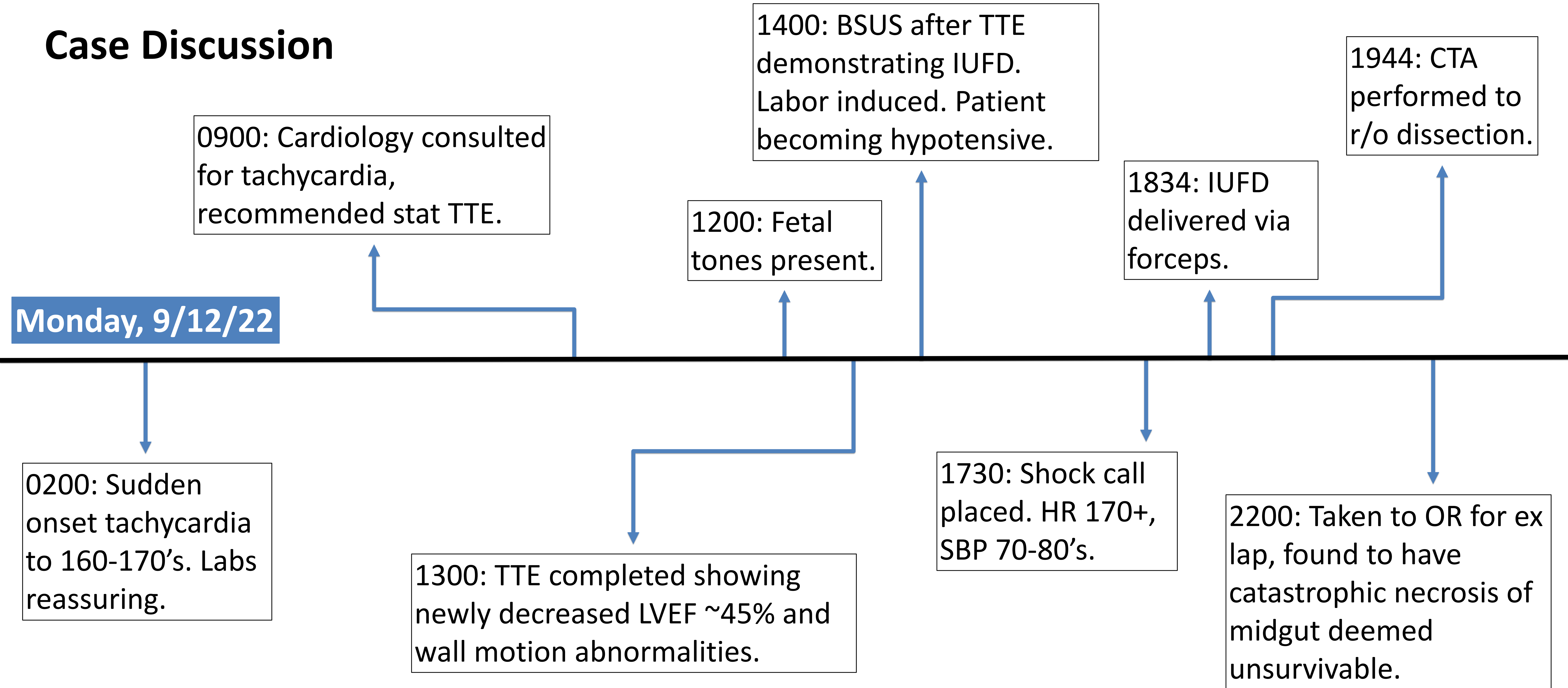


RETROCOLIC



ANTECOLIC

Case Discussion



Discussion

- The rearrangement of the gastrointestinal tract with LRYGB puts patients at a lifelong risk of internal hernia formation¹ with an incidence of 1-9%^{1,2}
- Pregnancy increases the risk of internal herniation → increased intraabdominal pressure can force bowel through mesenteric defects^{1,3}
- Patients may present with negative imaging^{3,4}
- Early consultation with a bariatric surgeon is critical!

References:

- 1.Dave (2019) *SOARD* 15.9: 1633-1640
- 2.Iannuccilli (2009) *Clin Radiol* 64.4: 373-380
- 3.Vannevel (2016) *Obstet Gynecol* 127.6: 1013-1020
- 4.Altieri (2015) *SOARD* 11.6: 1207-1211

