



# MGB in Patient with Situs Inversus Totalis

**Aly Elbahrawy, MD MSc PhD FACS**

Consultant Minimally Invasive Surgery

Head of Minimally Invasive and Bariatric Surgery Department

King Abdullah Medical City – Makkah

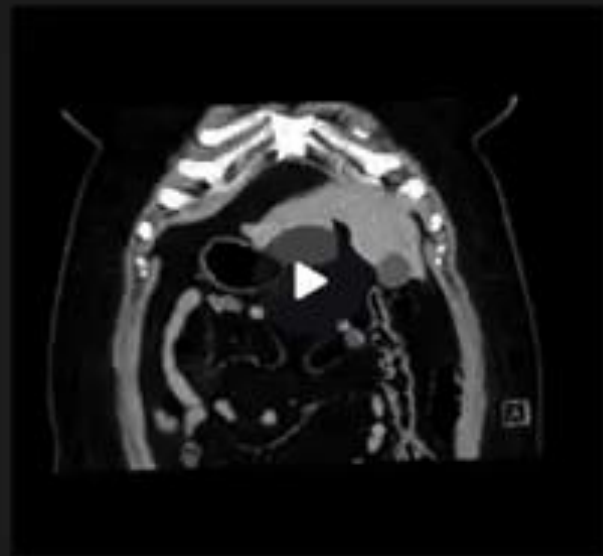
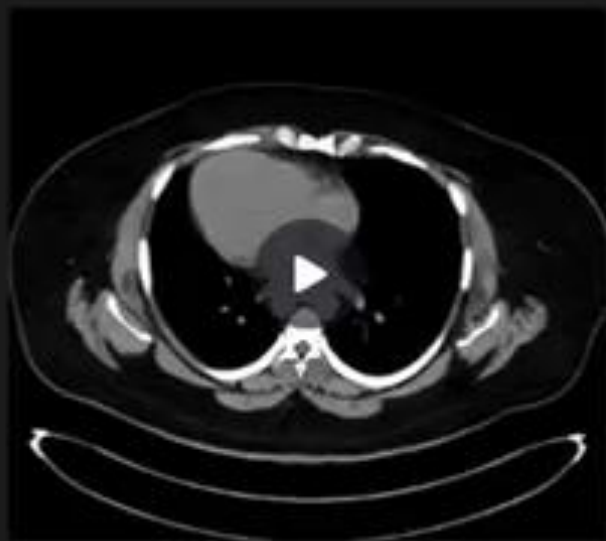
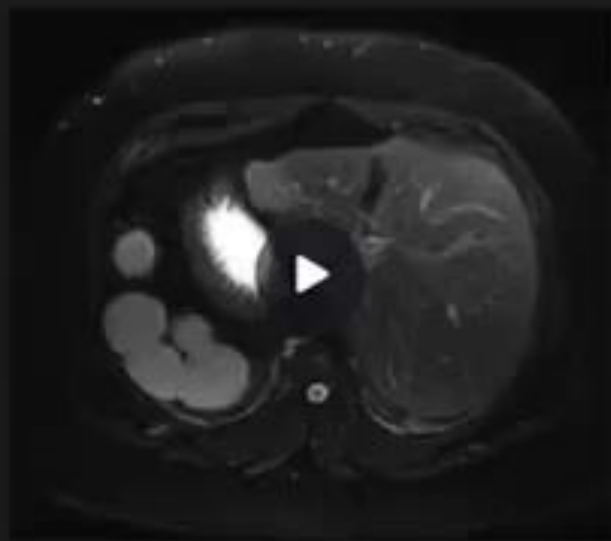


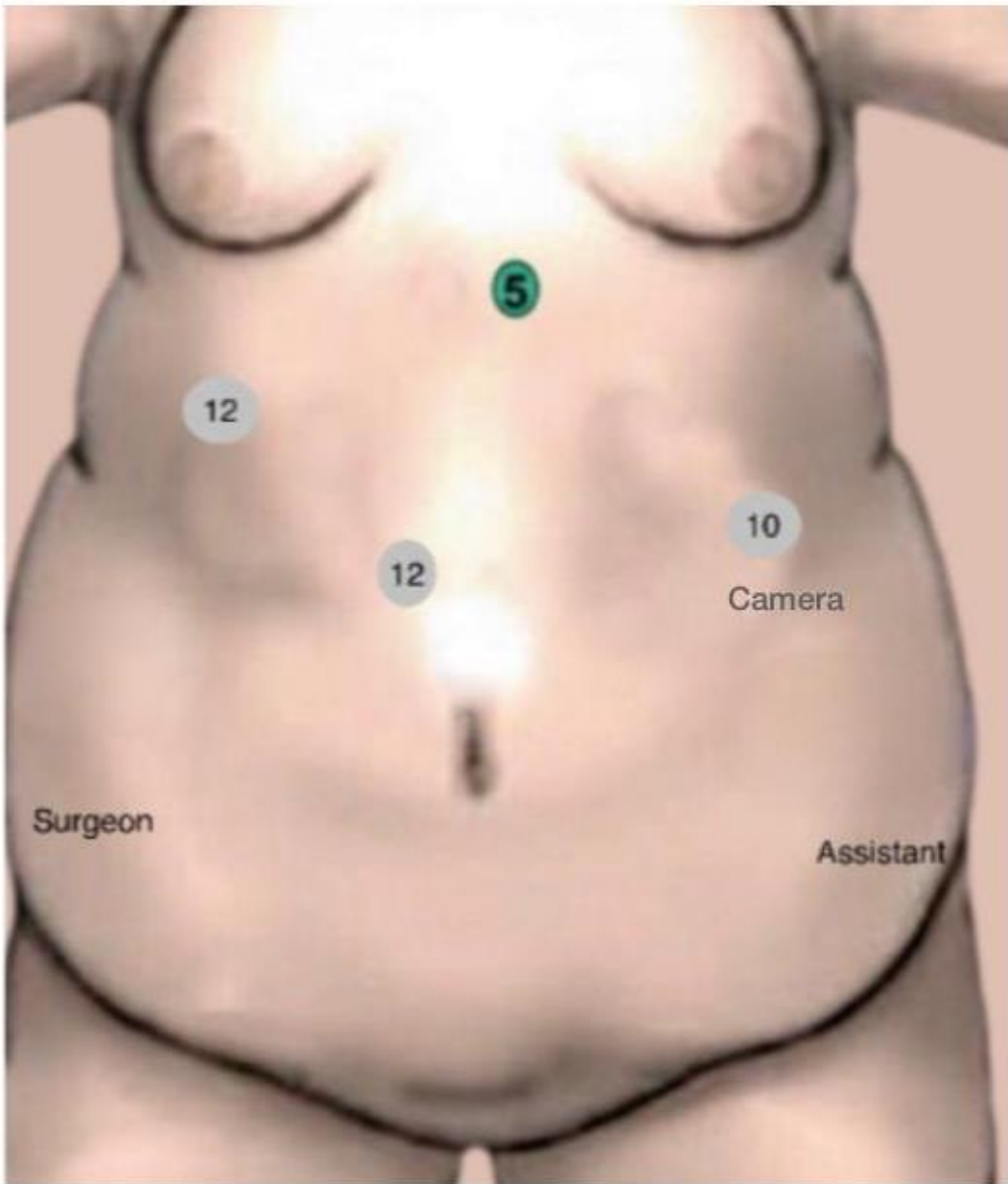
# Conflicts of interest

- Nothing to disclose

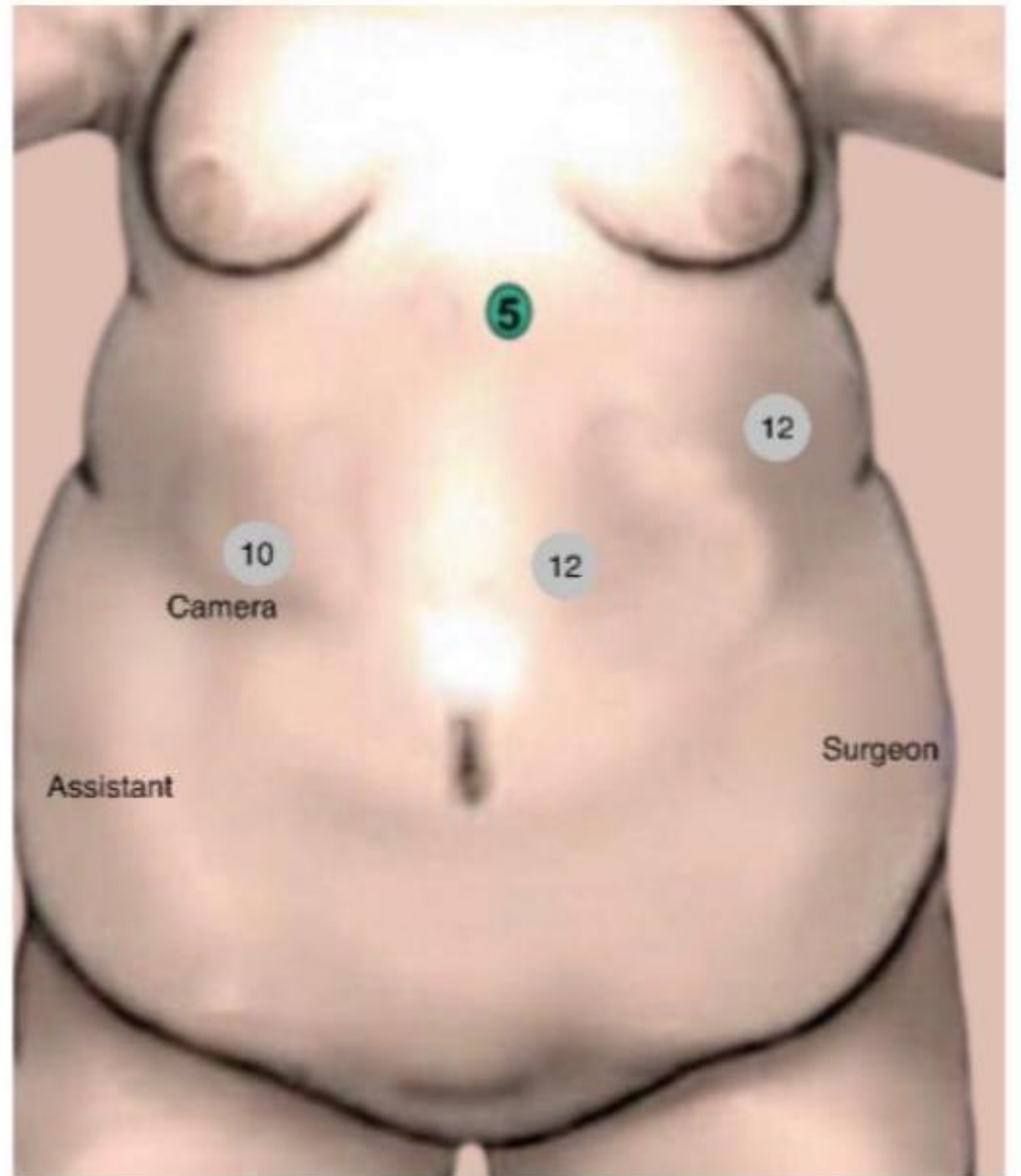
# Case presentation

- 34 y female, known to have FNH
- Morbid obesity, wt 139 kg, ht 172 cm, BMI 47 kg/m<sup>2</sup>
- Diagnosed with SIT while being investigated for abdominal pain
- Labs unremarkable
- EGD revealed SIT with greater curvature to the rt
- UGI & CT abdomen with IV contrast



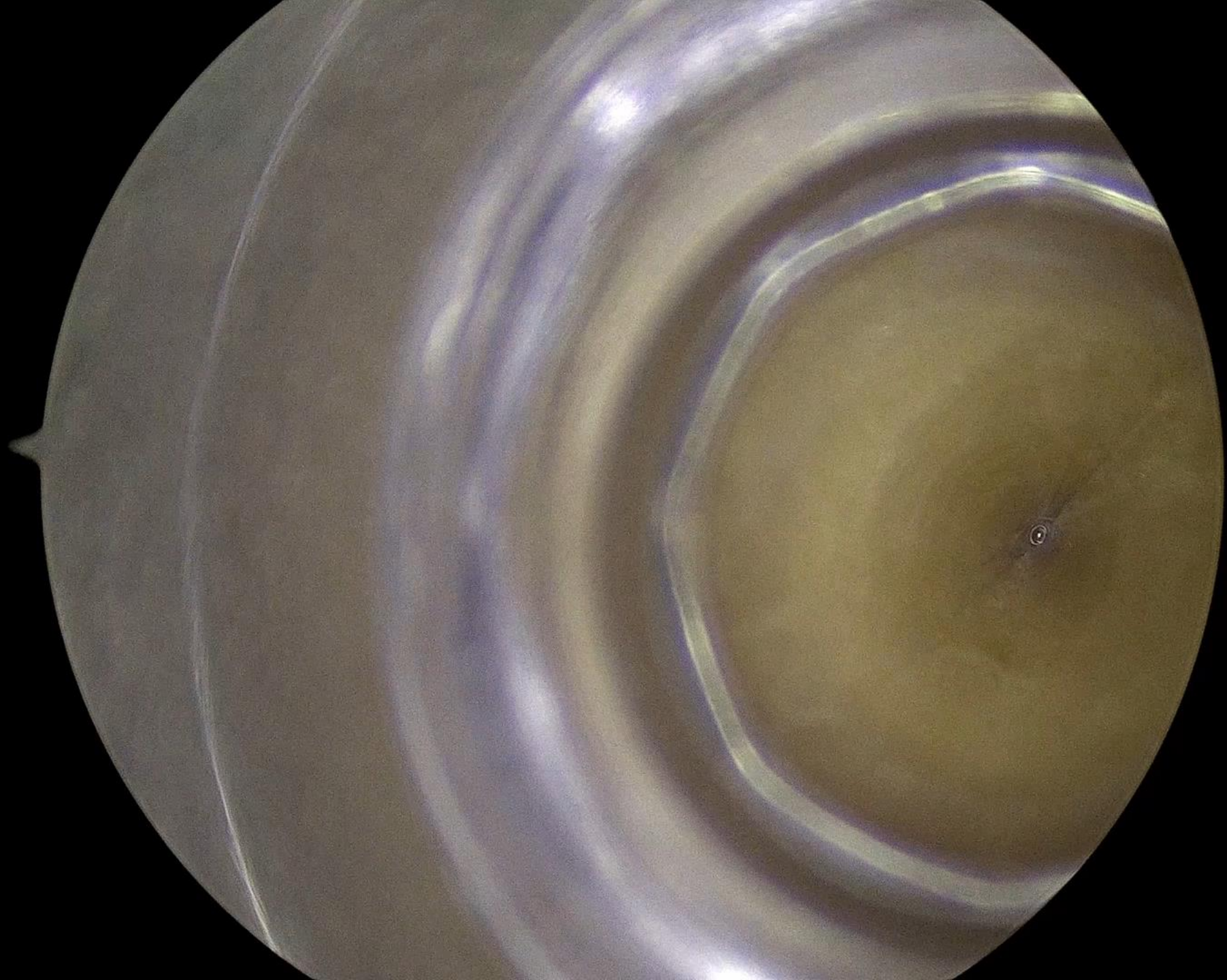


Usual trocars position for MGB



Trocars position for MGB in SIT





# Case progression

- Patient discharged on POD1
- 2 weeks post-op in good condition and 12kg loss
- No perioperative complications were sustained
- 6 months post-op she lost 42 kg, BMI 32 from 47kg/m<sup>2</sup>

# Discussion

- Situs Inversus Totalis is a rare congenital anomaly that results in a complete left-right inversion of the viscera
- It is found in 0.01% of the population
- To the best of our knowledge there are very few cases of SIT reported in relation to bariatric surgery





THANK YOU