

NOBESITY⁺

Your journey towards Healthy Life

Bariatrics & Fitness Hospitals

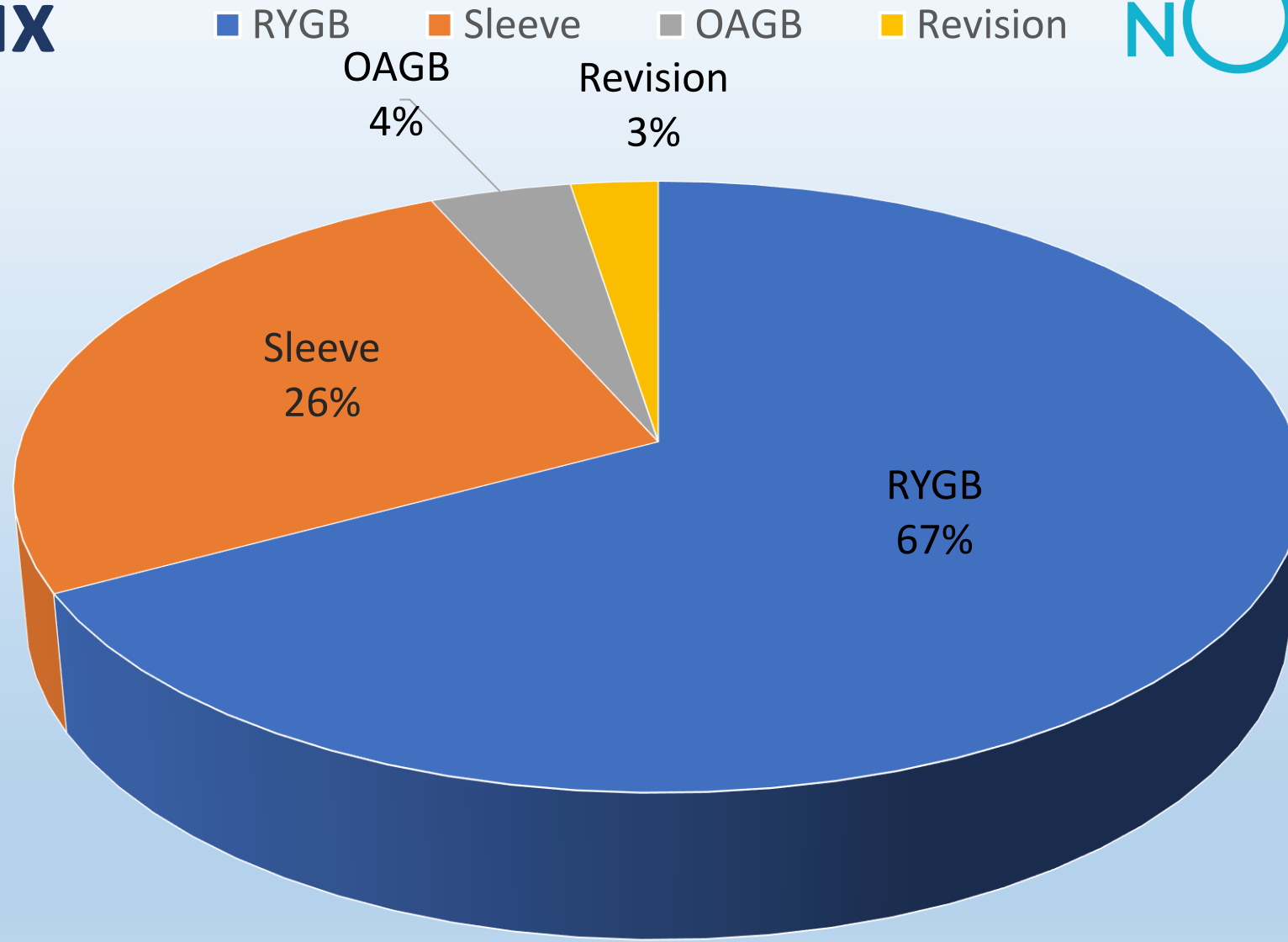


Surgical Complications After Roux en Y Gastric Bypass

Warm greetings from Team Nobesity



Case Mix





Dr. Manish Khaitan
MBBS, MS, FIAGES, FALS, FMBS
Director & Chief Bariatric Surgeon,
Nobesity Bariatric Centre, Ahmedabad.

PROFESSIONAL AFFILIATIONS

- Member at large - IFSO APC
- Past President Of Obesity Surgeons Society of India (OSSI)
- Member of International Federation for Surgery of Obesity & Metabolic Disorder (IFSO)
- Member of All India Minimal Access Surgeons of India (AMASI)
- Member of Association of Surgeons of India (ASI)
- Member of Indian Association of Gastrointestinal Endosurgeons (IAGES)
- Member of Indian Medical Association (IMA)

Receipt of number of awards and recognitions fo his extensive work in the field of Bariatric surgery.

Has 15+ years of experience in Bariatric and Metabolic Surgery.

Along with his team has successfully performed more than 8000 Bariatric procedures which is one of the highest Bariatric experience in India.

A teacher at heart, he has trained a number of surgeons in bariatric and metabolic surgery from all over the world.

He also has a number of International and National publications and has been invited for talks in numerous International and National conferences and forums.

Disclosure

- No disclosures

Operative Steps in a Roux en Y Gastric Bypass

1. Ports creation
2. Splitting of Omentum
3. Measuring of Bilio-pancreatic limb and Dividing of the Jejunum
4. Jejunal mesentry cutting
5. Jejunojejunostomy with enterostomy closure
6. Closure of Mesentric defect
7. Insertion of Liver retractor
8. Opening the Lesser sac
9. Retrogastric dissection
10. Creating the gastric pouch
11. Gastrojejunostomy and enterostomy closure
12. Closure of Petersons defect
13. Leak test

COMPLICATIONS

INTRAOPERATIVE

- Trocar injury
- Solid organ trauma; mainly liver, spleen, pancreas.
- Stapler misfire
- Bleeding
- Intestinal ischemia
- Candy cane
- Twisting of limb
- Thermal injury from energy instruments

POSTOPERATIVE

- Bleeding
- Leak
- Thromboembolic Events (VTE/PE)
- Port site hernia
- Strictures
- Ulcers
- Internal hernia

Complications due to Insertion of trocars

Bleeding from port site



Complications while Insertion of trocars

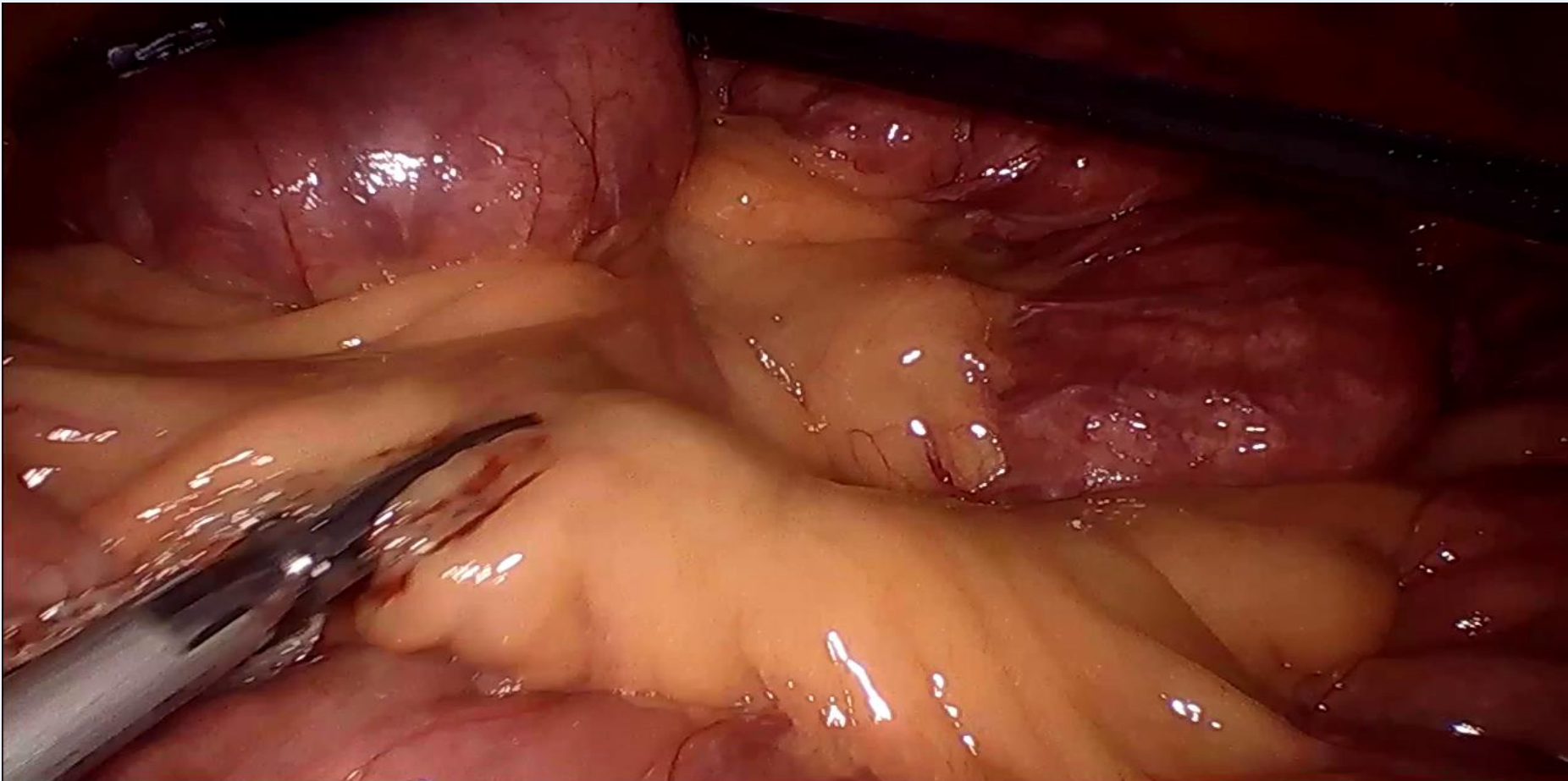
Trocar Injury



colon with feces

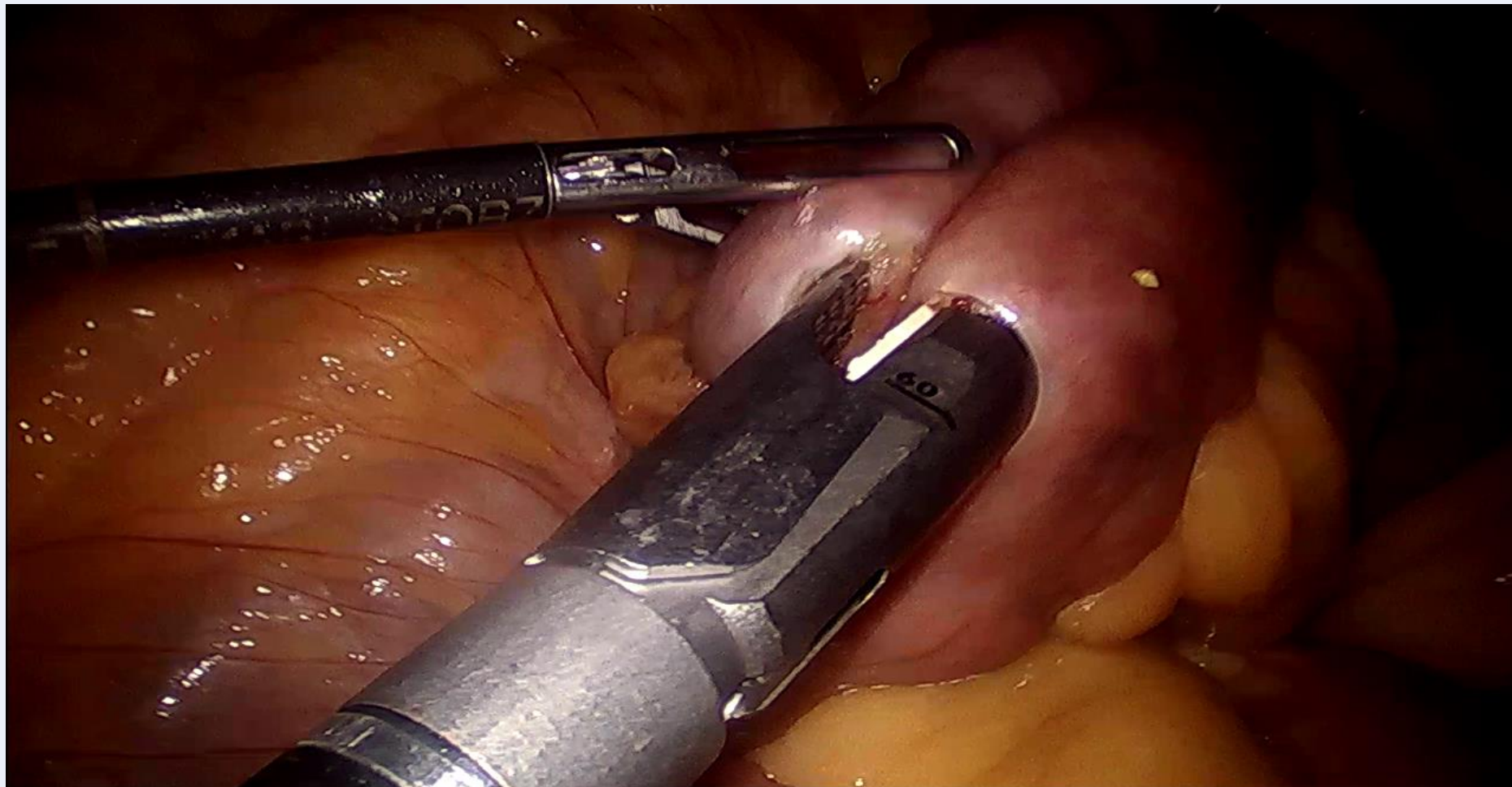
Complications during Jejunal division

Mesentric bleeding



Complications during Jejunojejunostomy

Stapler Misfire



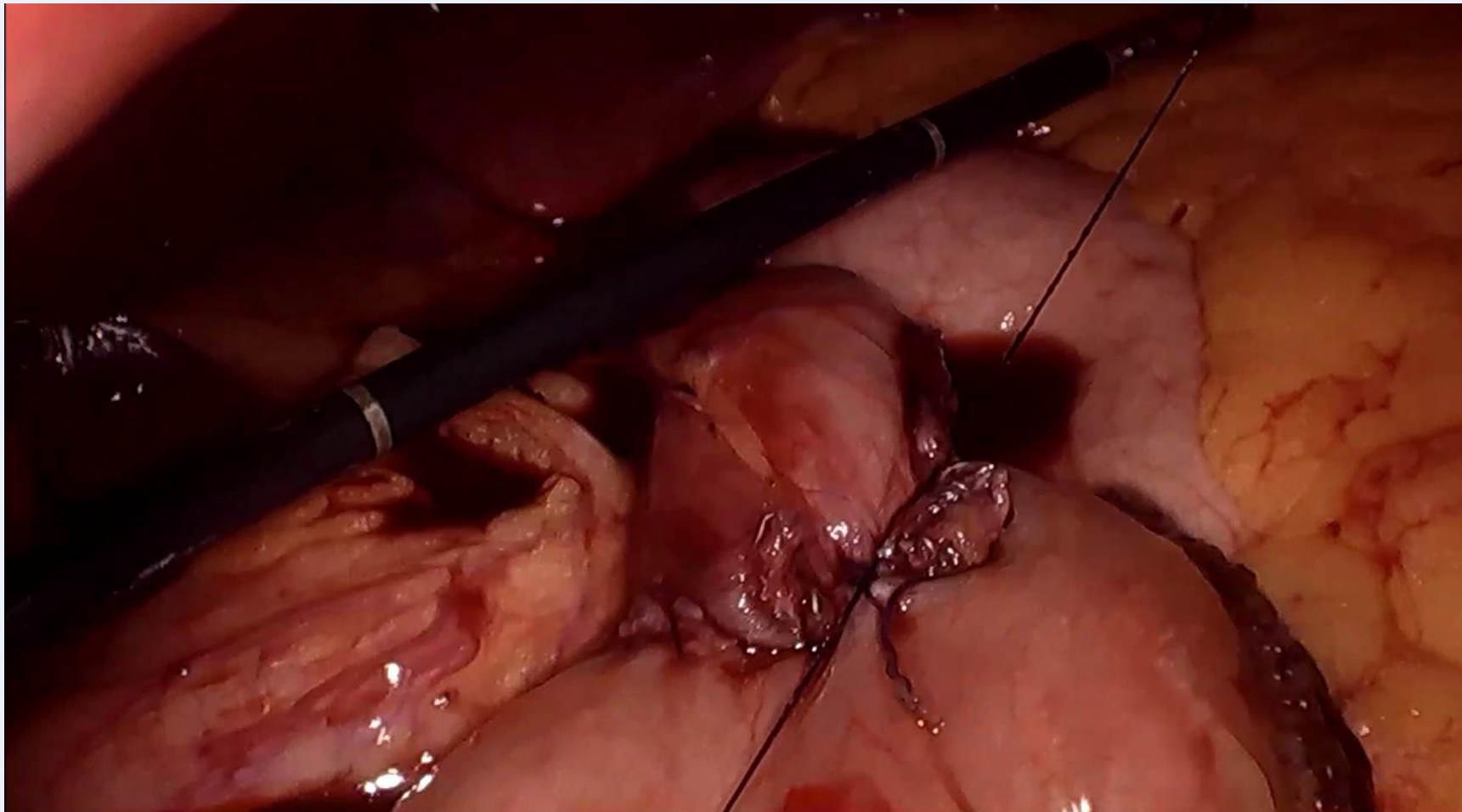
Complications during Jejunojejunostomy

Bowel Injury



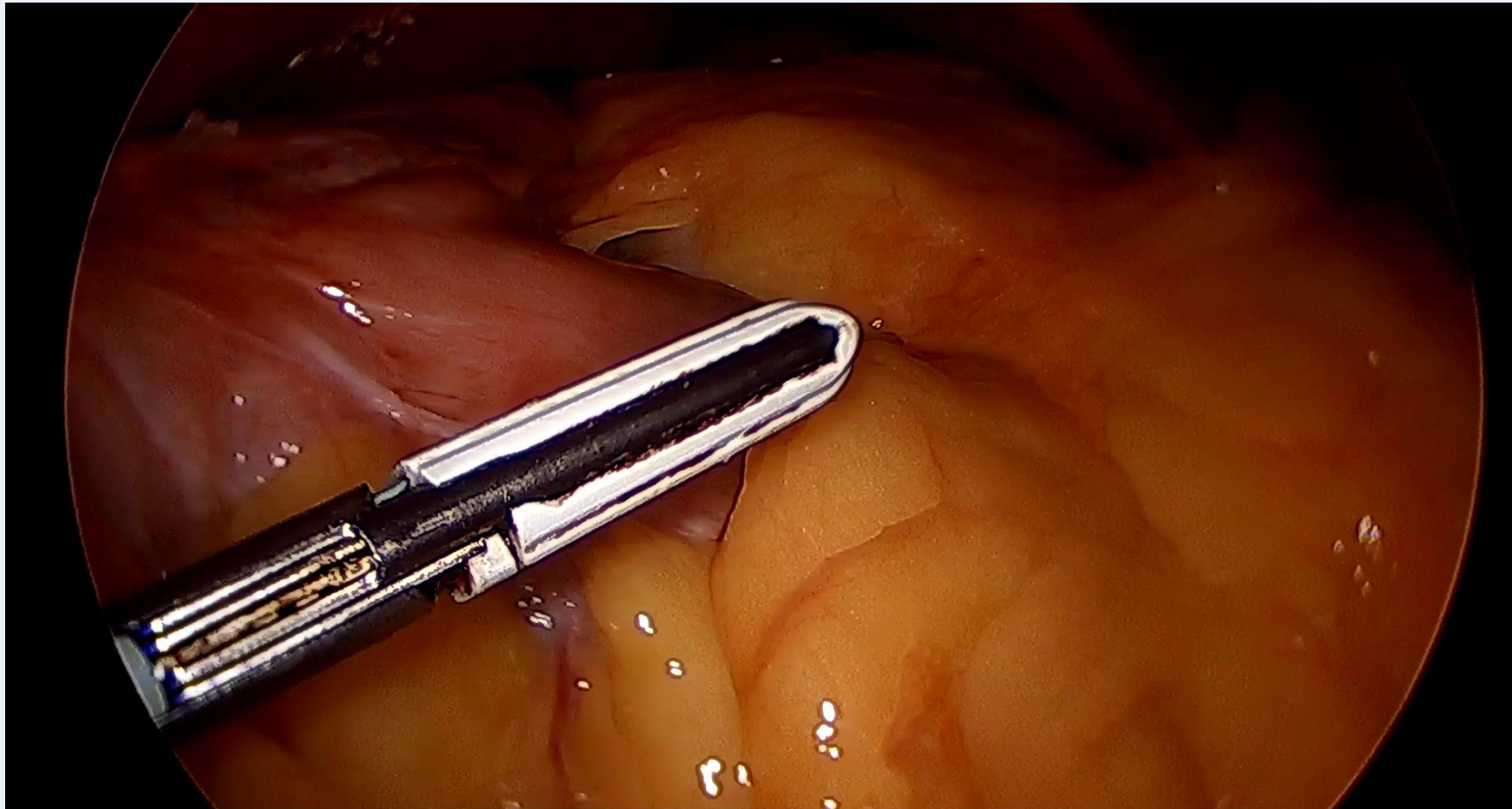
Complications during Gastrojejunostomy

Alimentary limb
twist



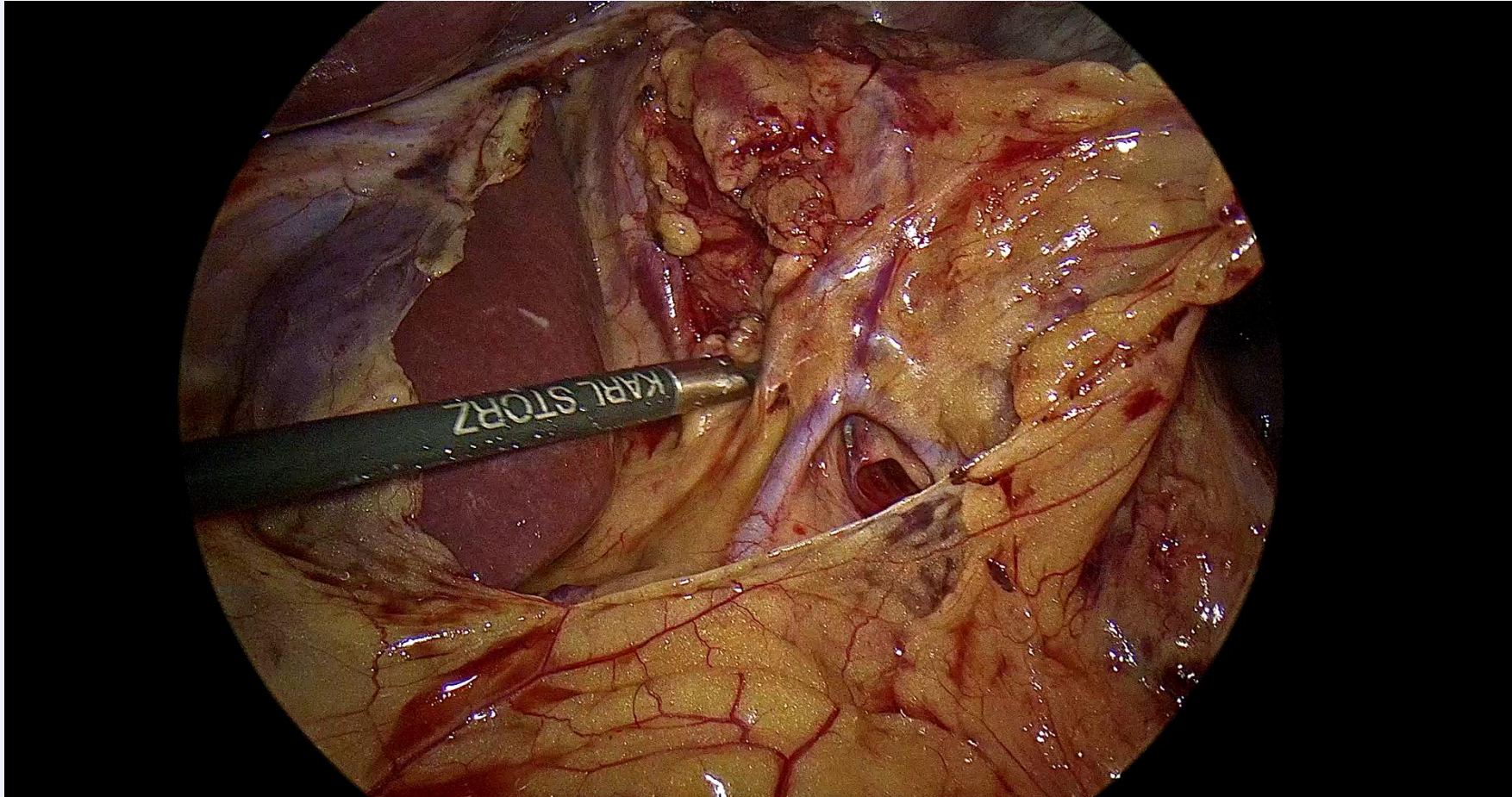
Complications during Gastrojejunostomy

**Candy cane
syndrome**



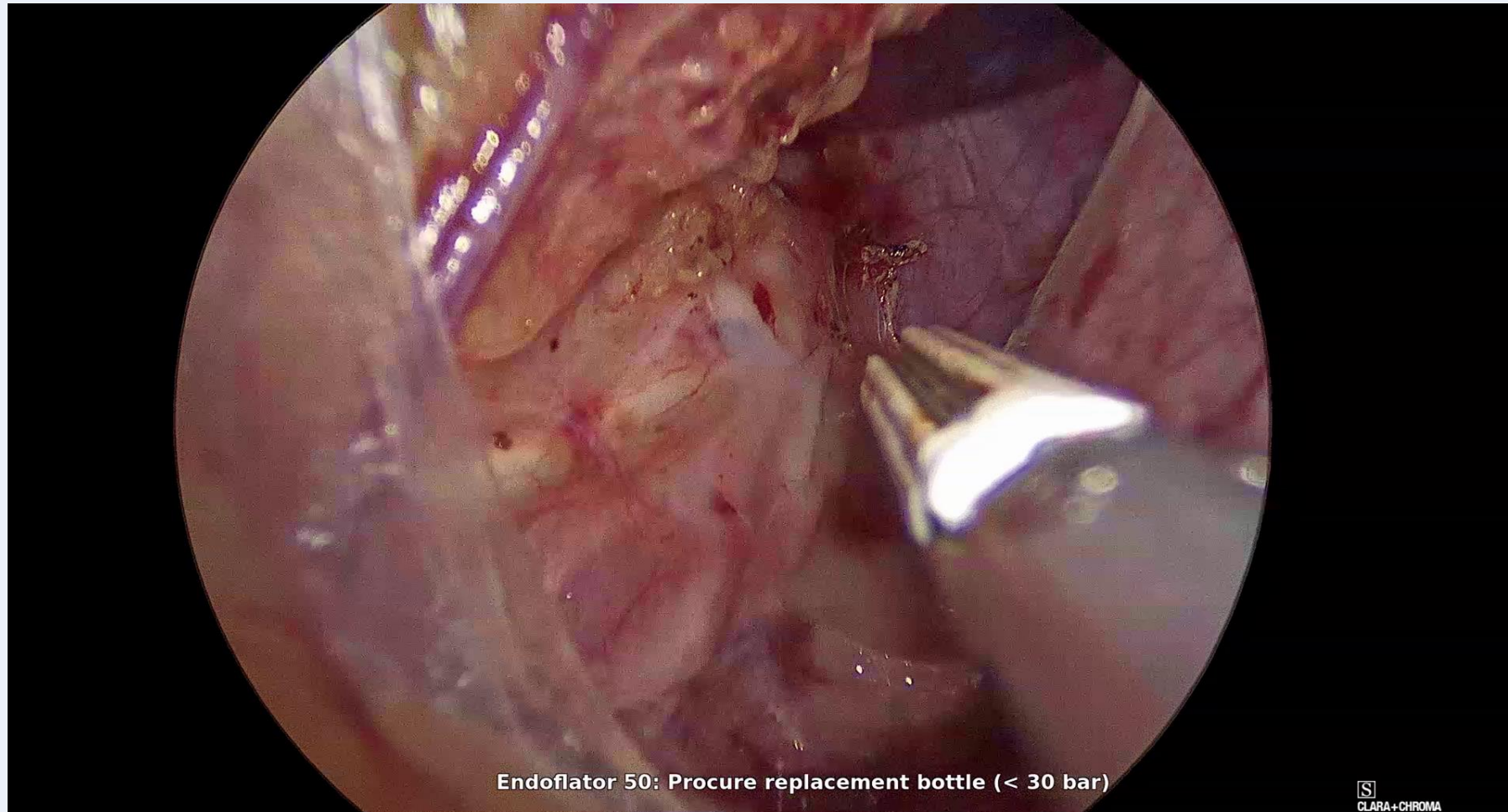
Complications during Gastric pouch creation

oesophageal perforation



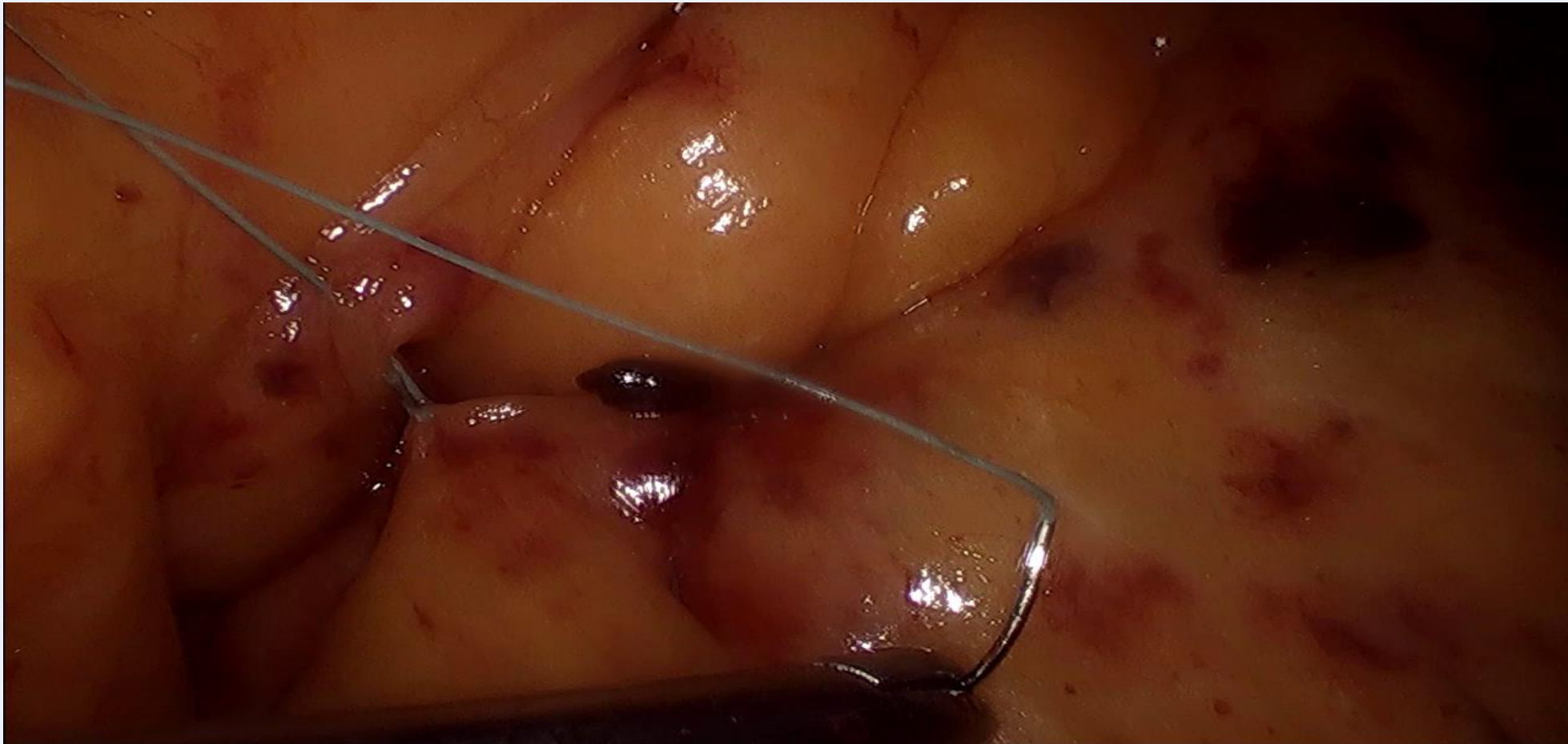
Complications during Gastric pouch creation

Chyle leak



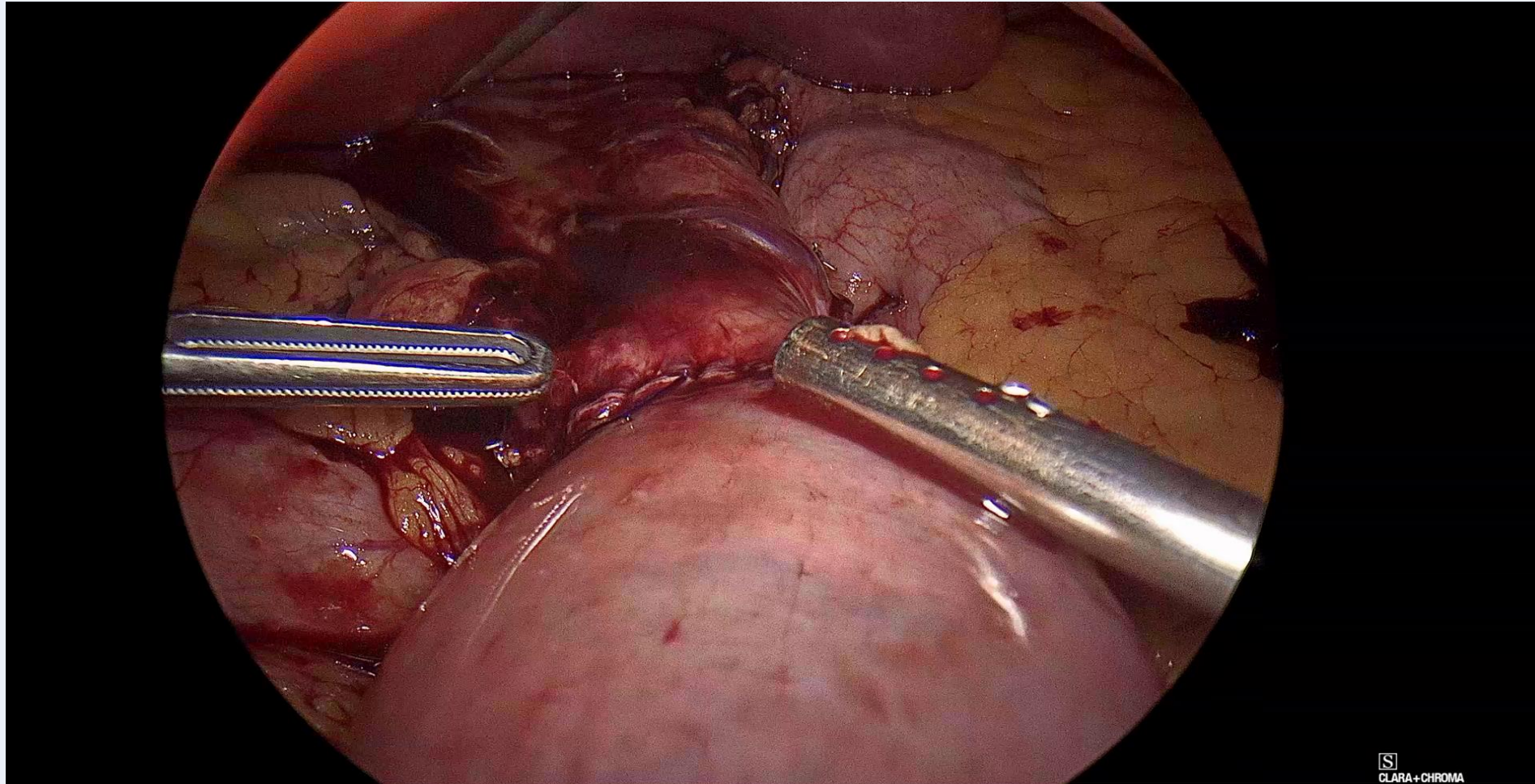
Complications during Petersons defect closure

Bleeding and Ischemia



Complications during Leak test

GJ perforation



Post- operative complications

- Bleeding 0.4% - 4.4%
- Leak 0.1% - 5.6%
- Thromboembolic Events (VTE/PE) 0.3% - 3%
- Port site hernia <1%
- Strictures 1% - 15%
- Marginal Ulcers 1% - 16%
- Internal hernia 0.2% - 4.5%

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Thank you!