

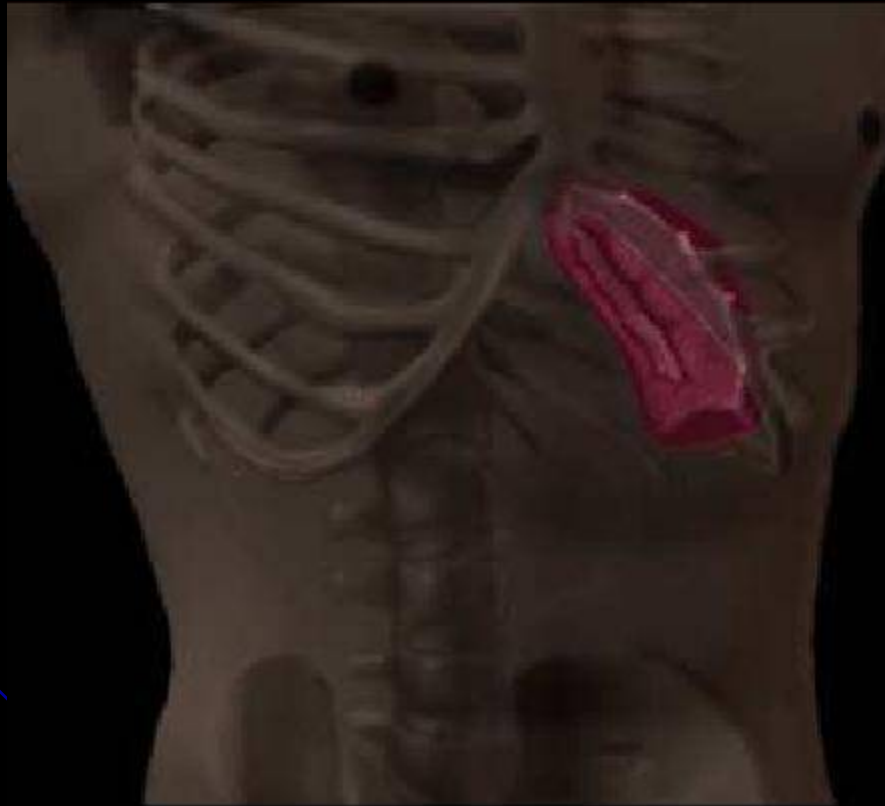
Laparoscopic Splenectomy



R. K. Mishra

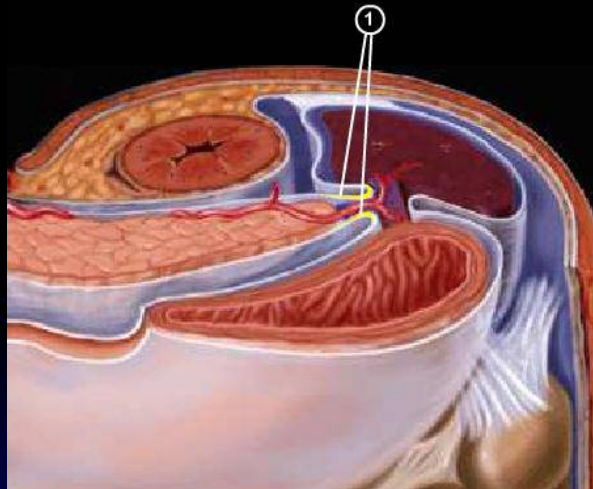


Anatomy

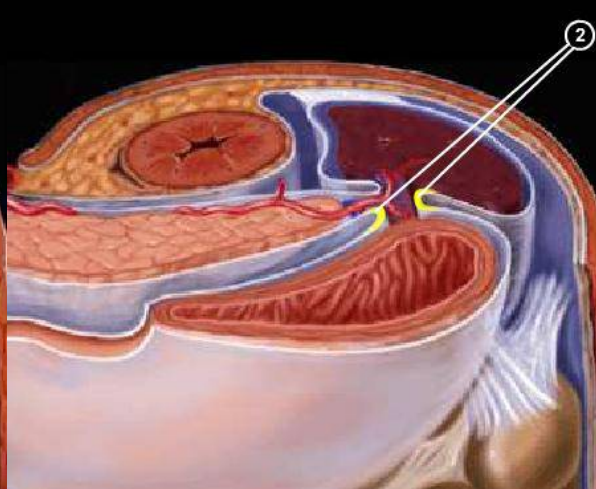


Ligaments

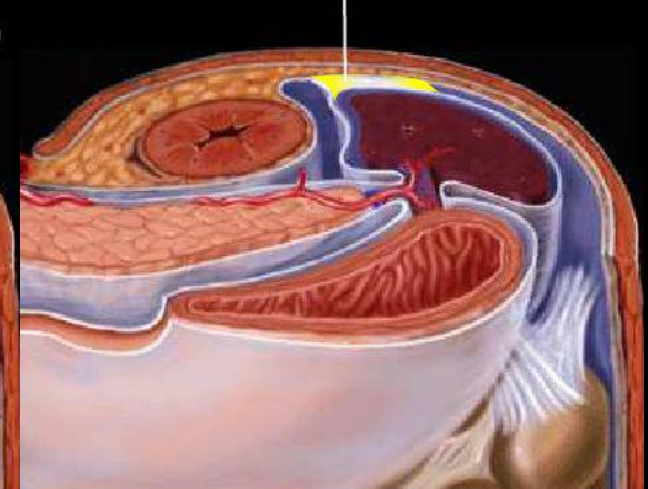
Pancreaticosplenic
Ligament



Gastrosplenic
Ligament

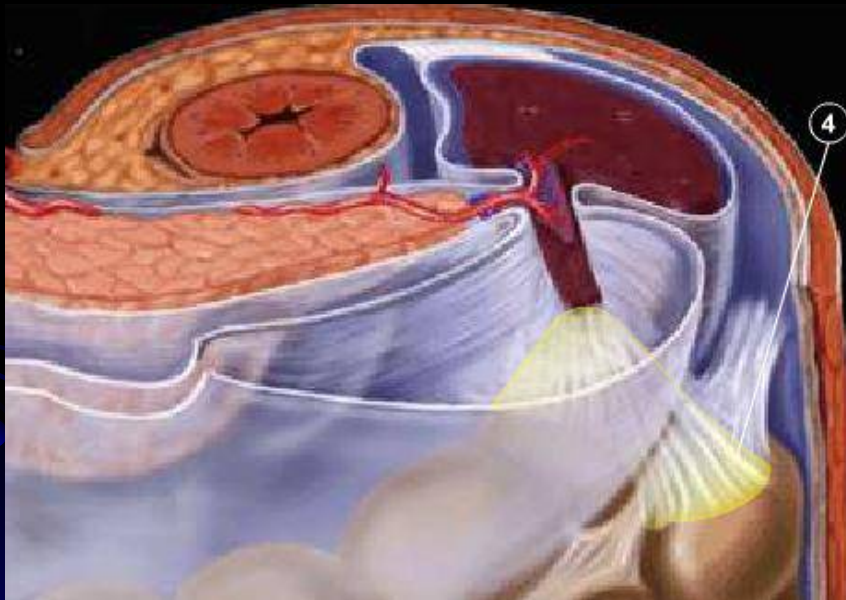


Phrenicosplenic
Ligament

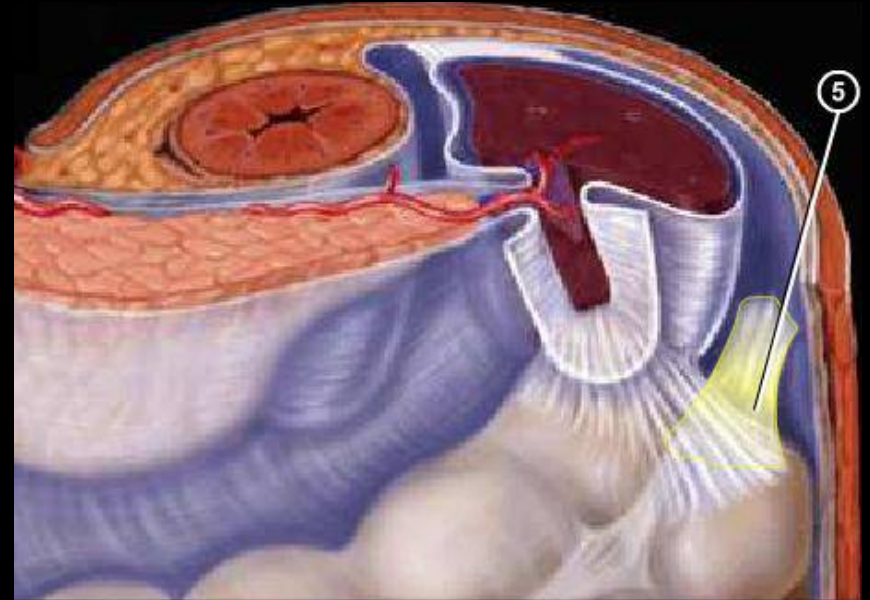


Ligaments

Splenocolic Ligament



Phrenicocolic Ligament



Case Selection

Indications

- idiopathic thrombocytopenic purpura (ITP)
- autoimmune hemolytic anemia;
- microspherocytosis;
- benign tumors and cysts;
- AIDS-related thrombocytopenia.

Relative contraindications

- hematological malignancies;
- moderate splenomegaly.

Absolute contraindications

- massive splenomegaly;
- portal hypertension.



Operating Room Set-up

PATIENT POSITION Supine
- Semi right Lateral

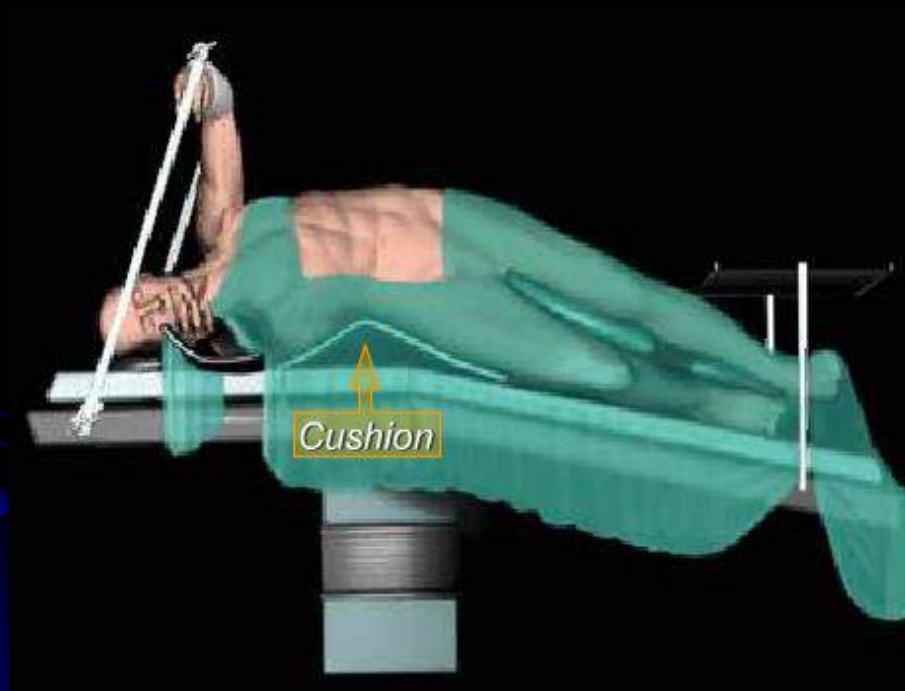
SURGEON POSITION To
the right of the patient

NURSE POSITION To the
right of the patient [next to
the surgeon].

MONITORS 1 - On the left
side of the patient



Patient Position

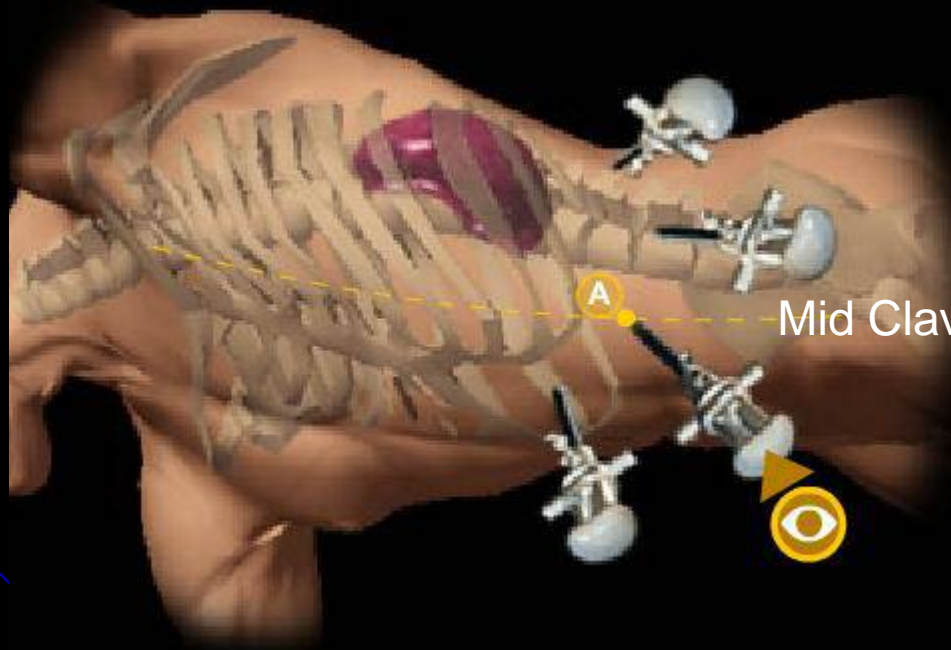


Access

Access Through Left
Hypochondrium



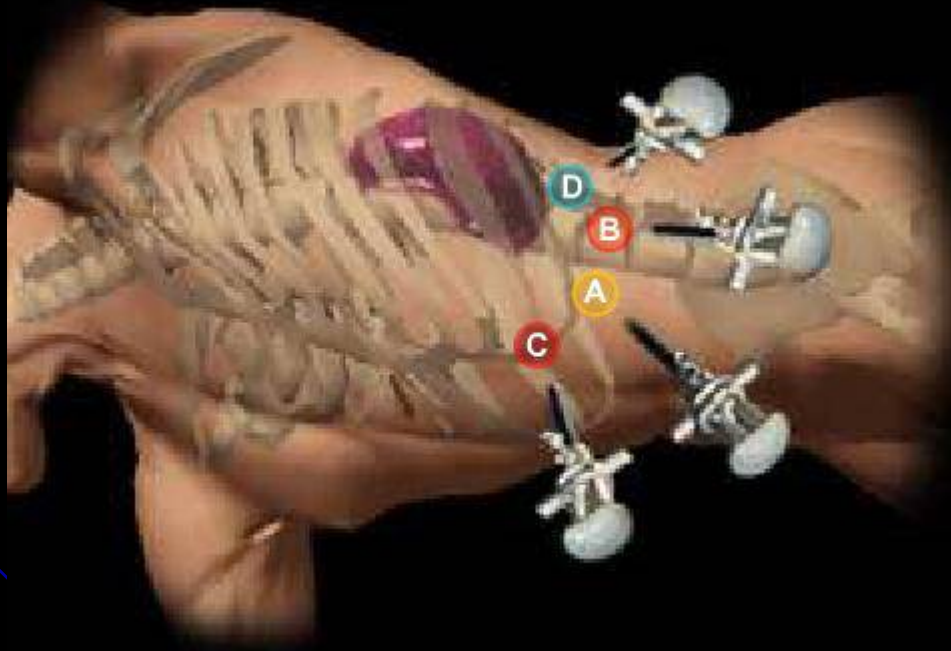
Optical Port



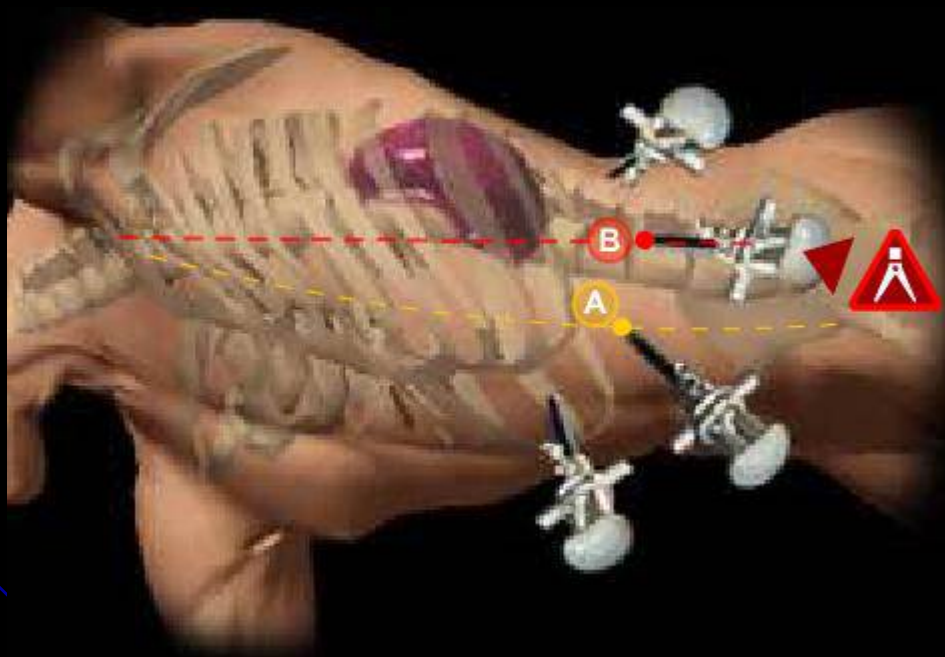
Mid Clavicular Line



Ports



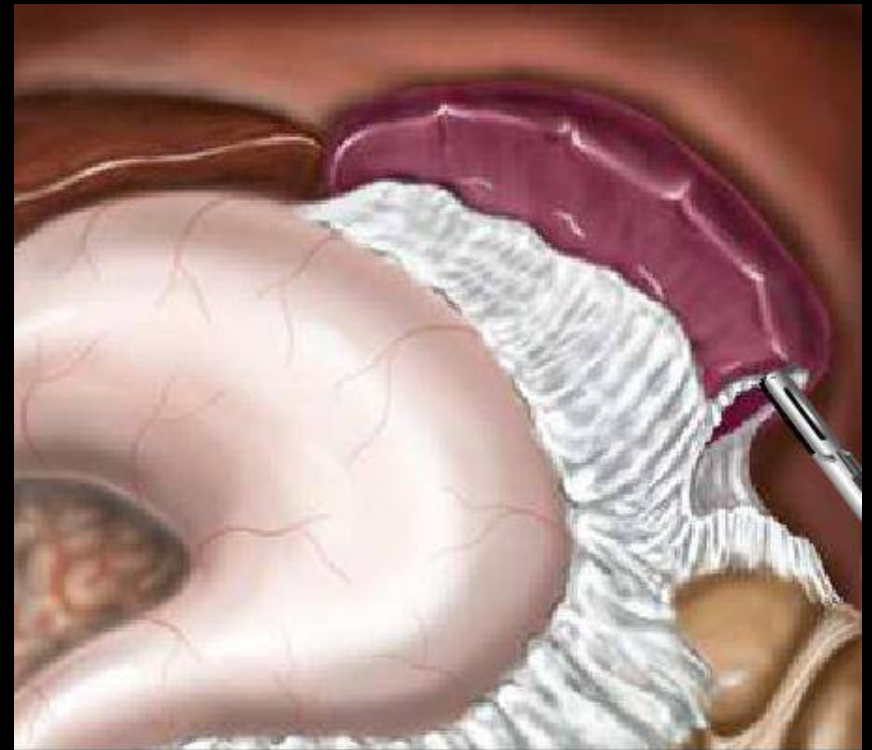
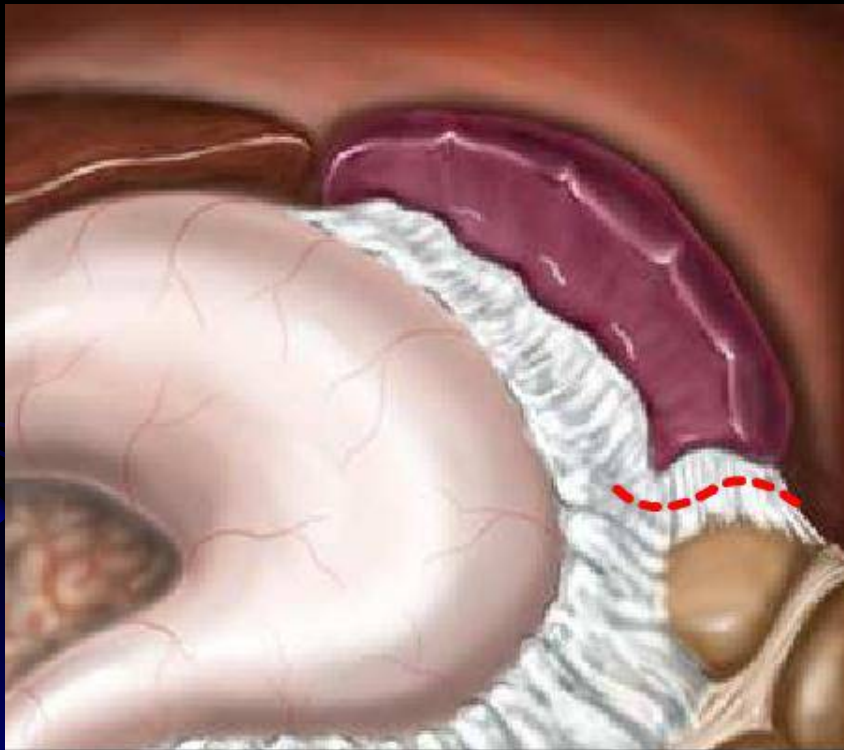
Right Hand Port



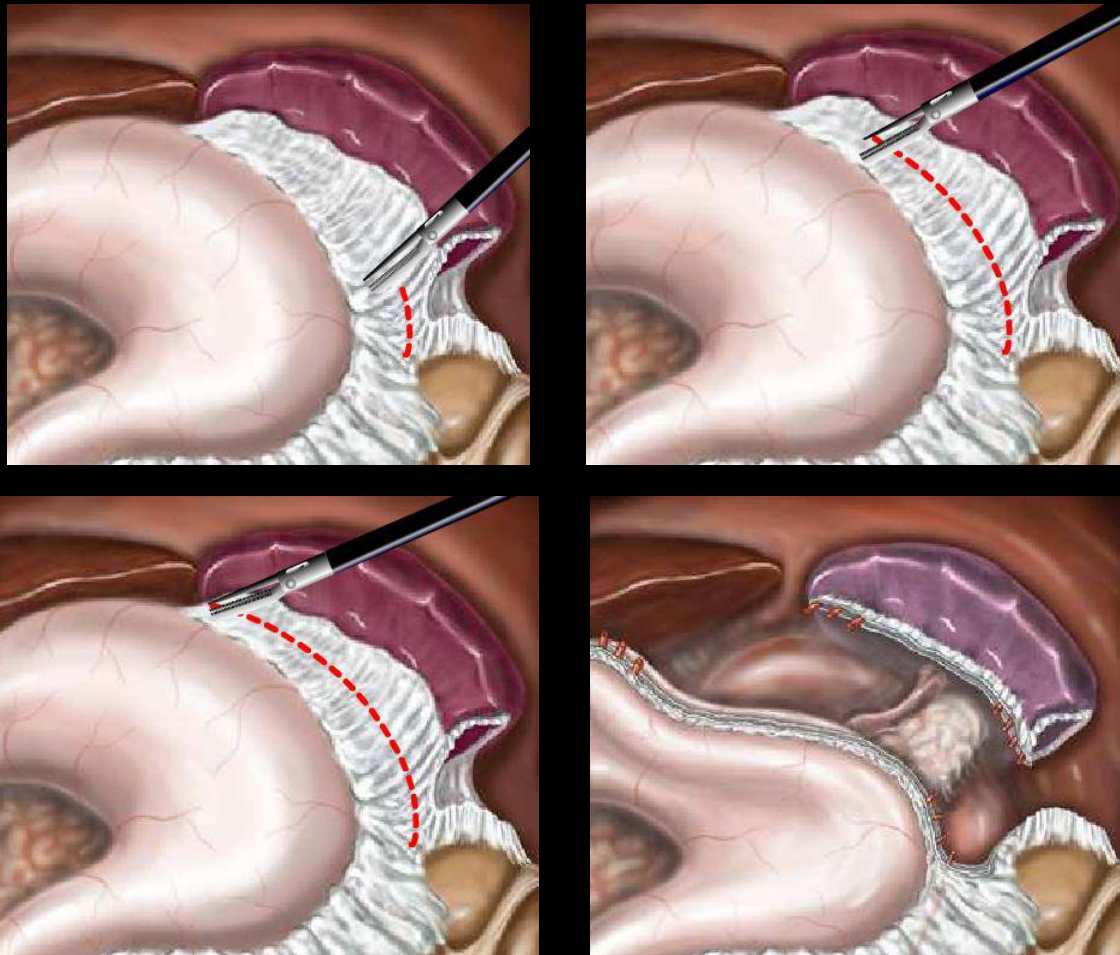
Mid Axillary Line



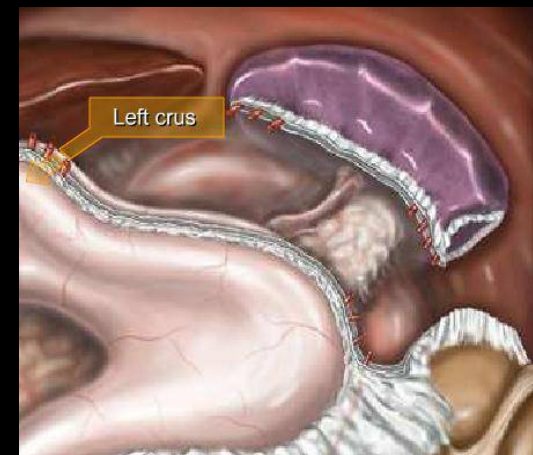
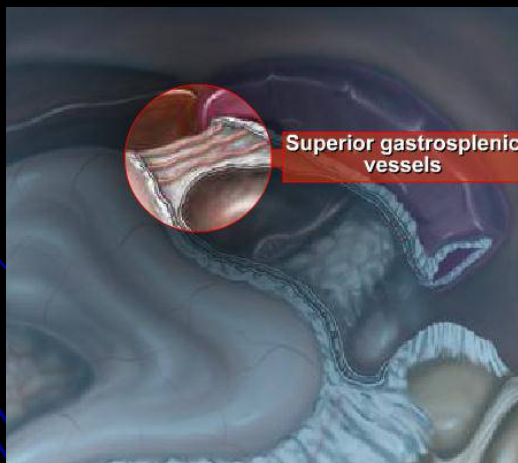
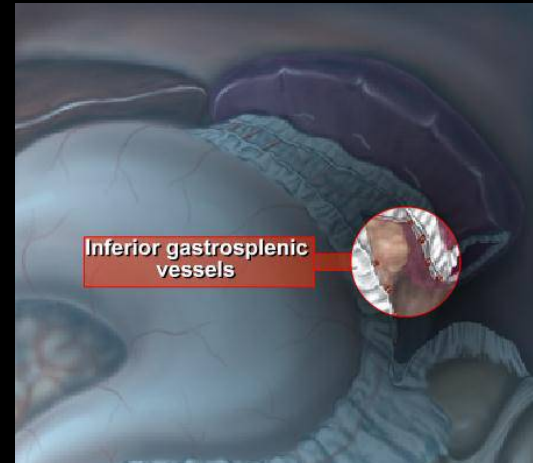
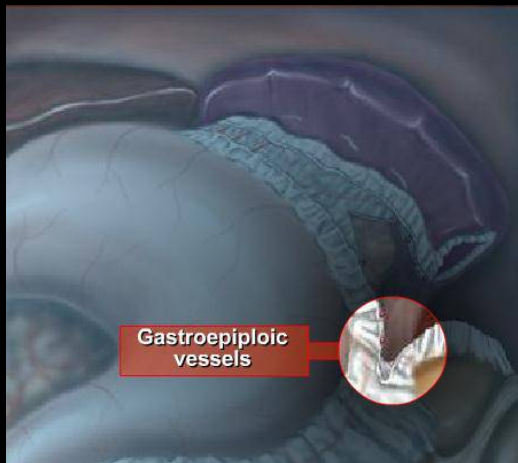
Freeing of Adhesion



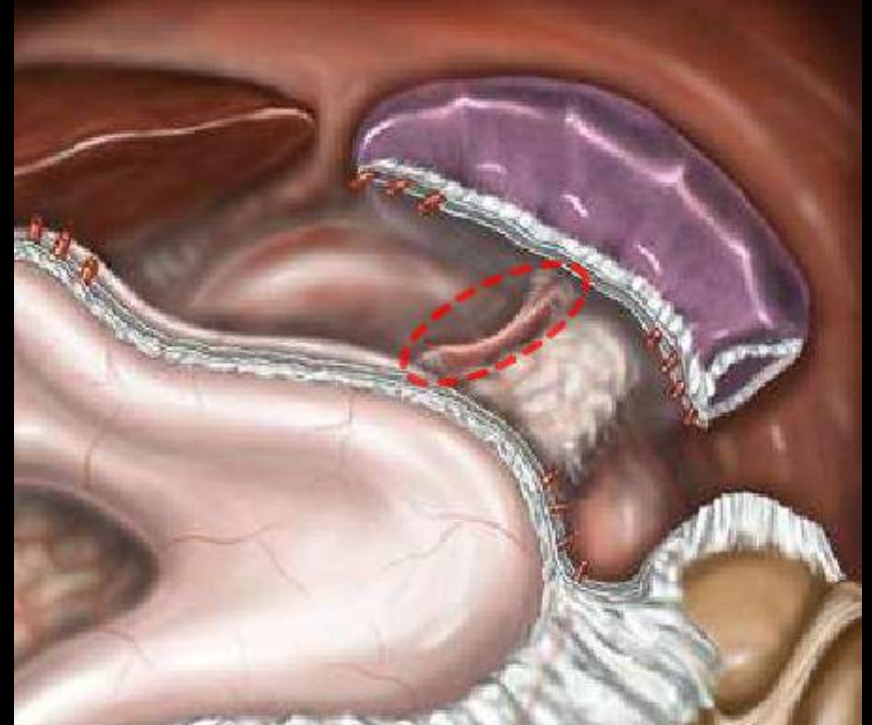
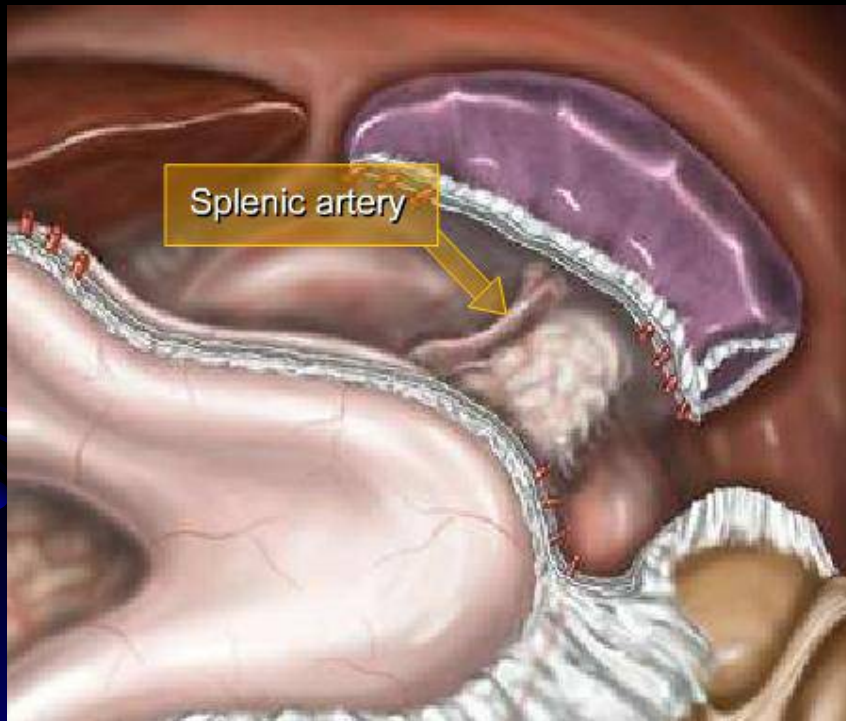
Dissection



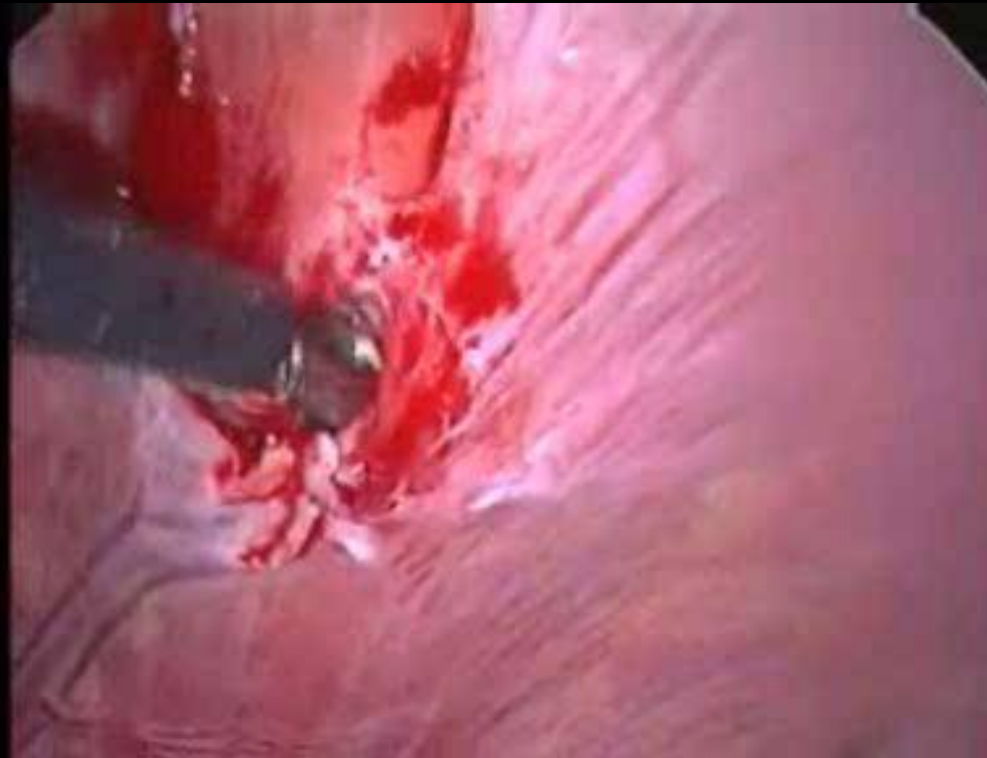
Dissection



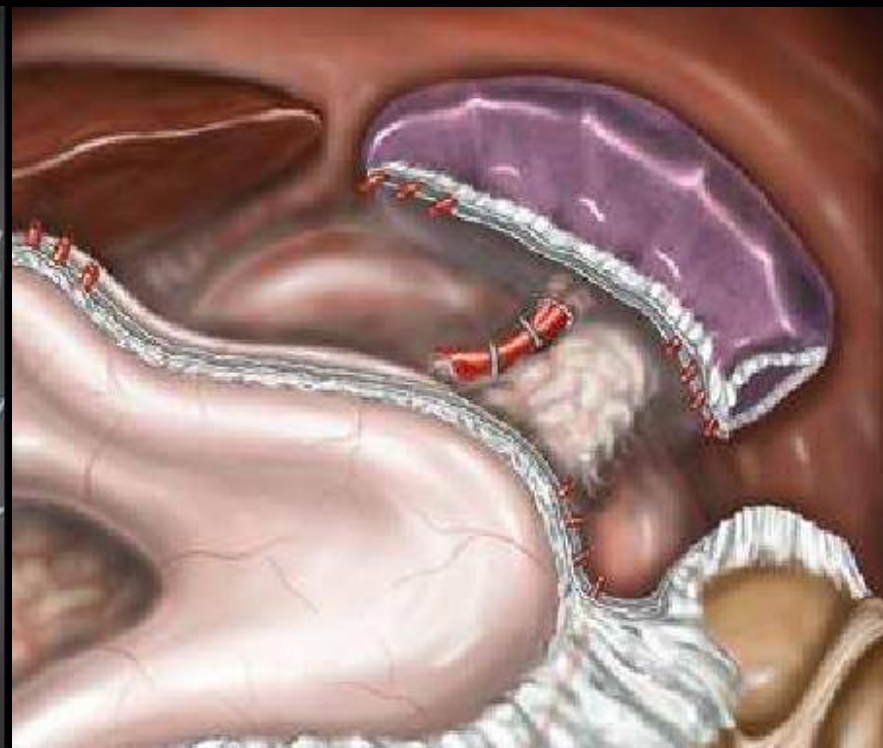
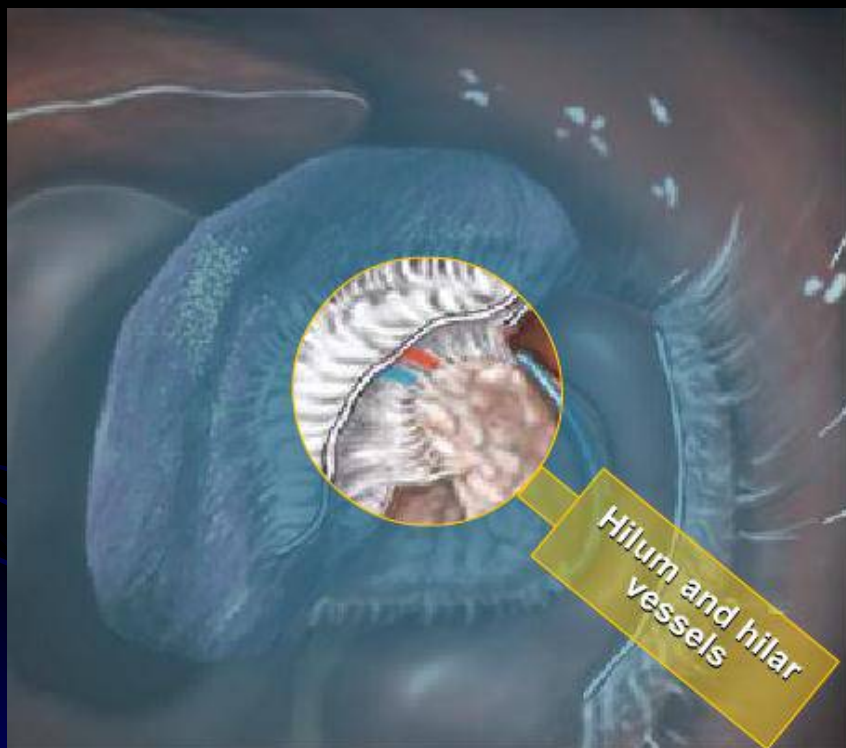
Dissection



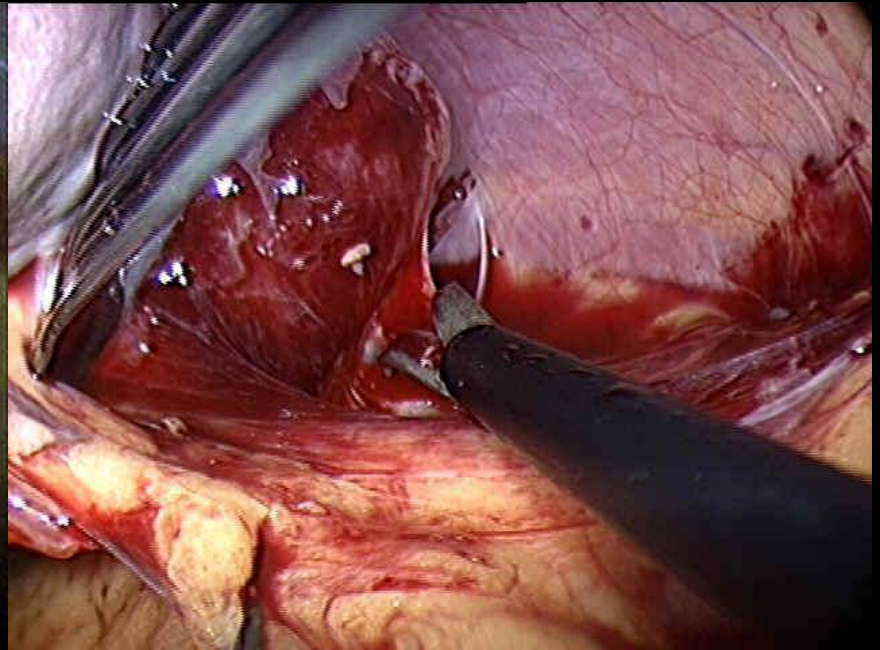
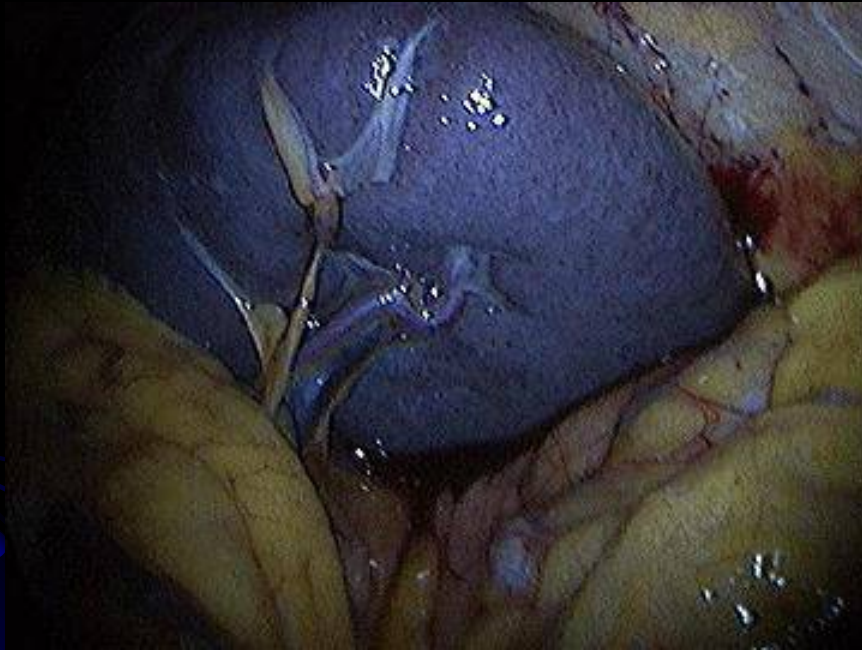
Dissection of Ligaments



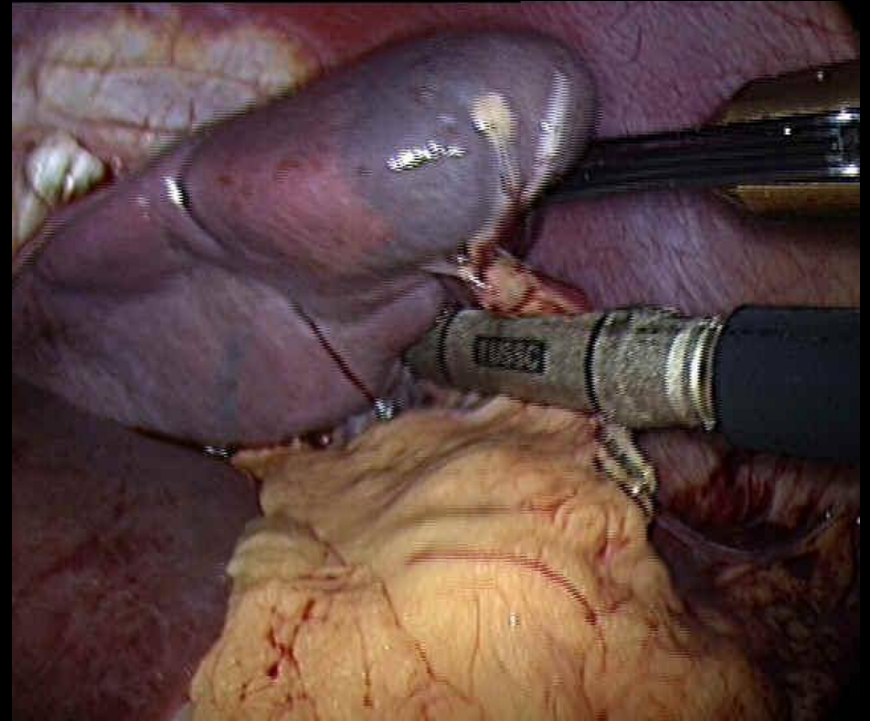
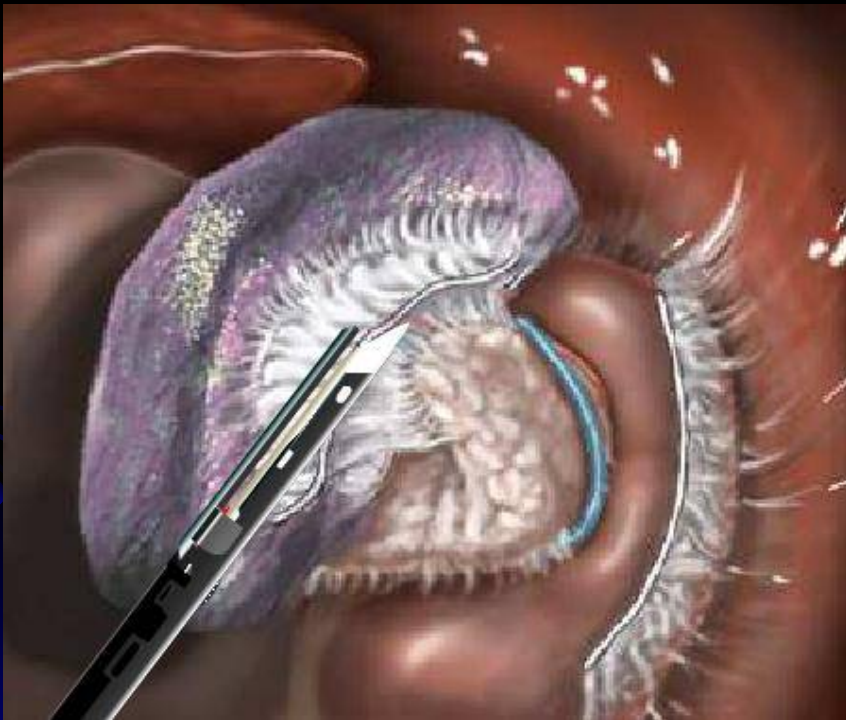
Dissection of Hilum



Dissection of Hilum



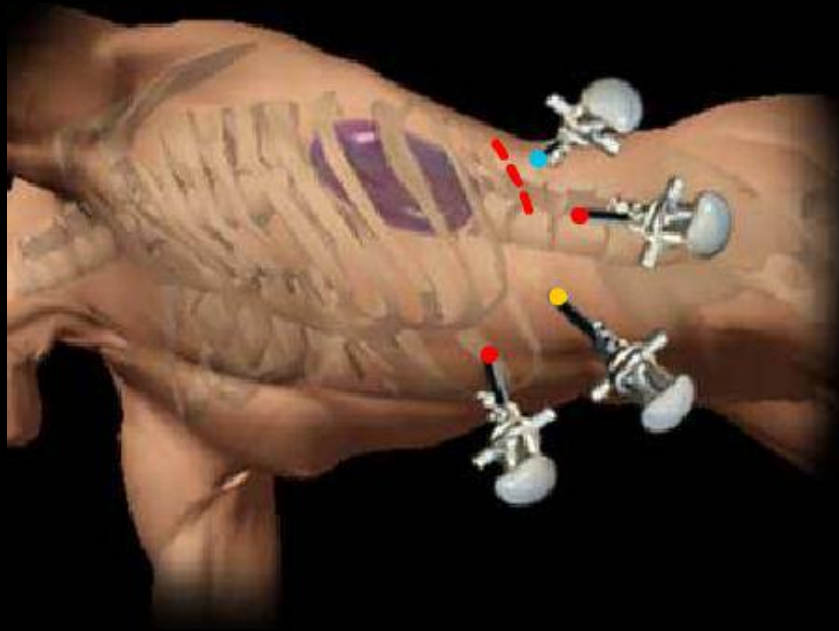
Dissection by Linear Stapler



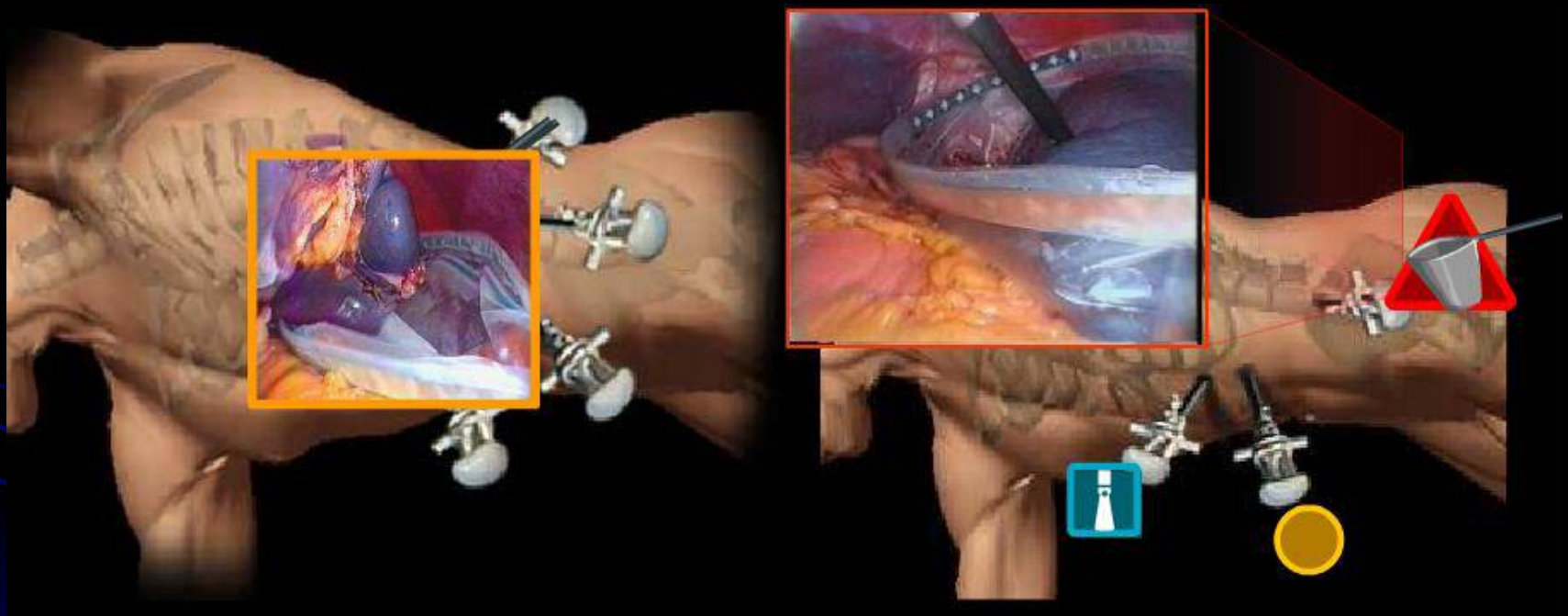
Stapler Dissection for Hilum



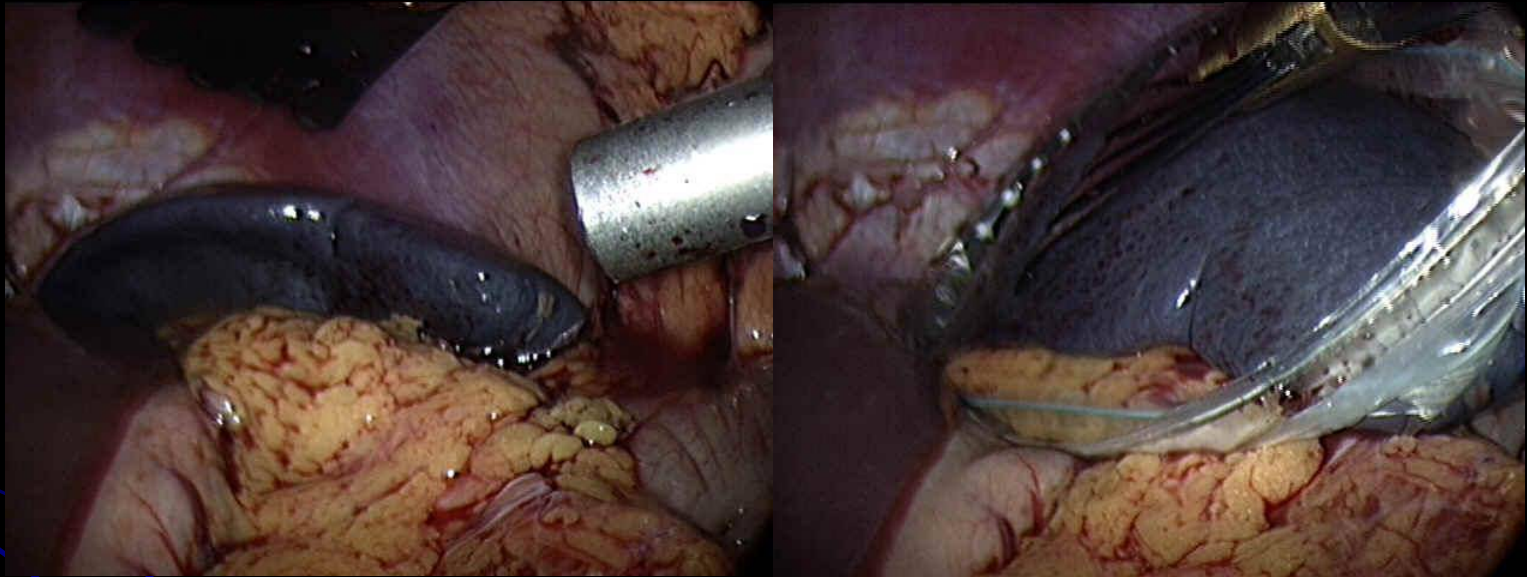
Introduction of Bag



Retrieval



Extraction of Spleen



Extraction of Spleen



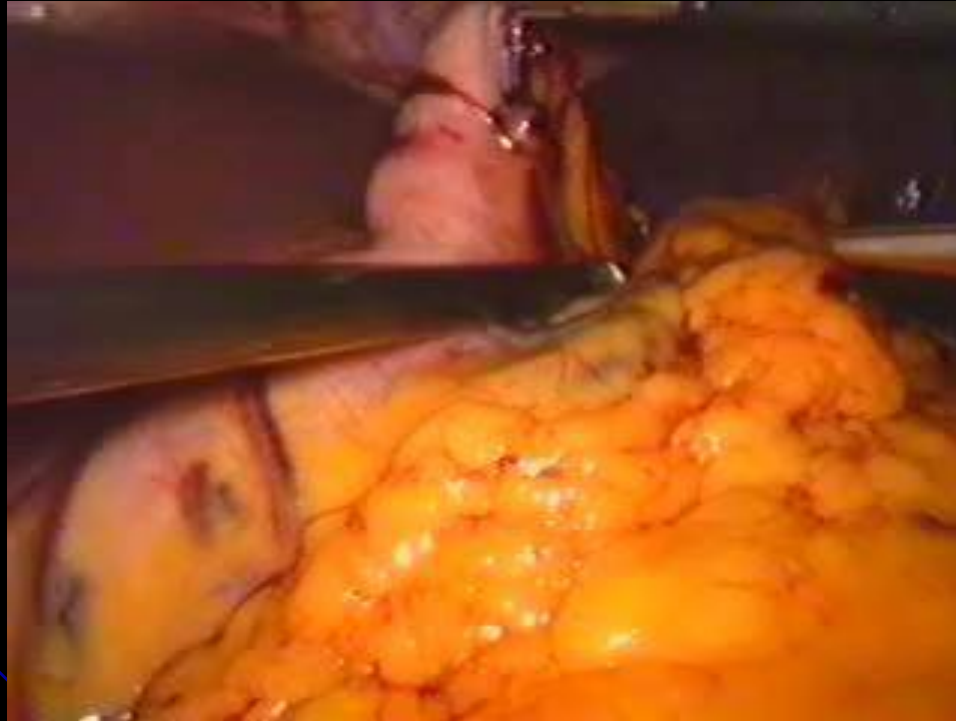
Closure of Port



Splenectomy by Tripolar



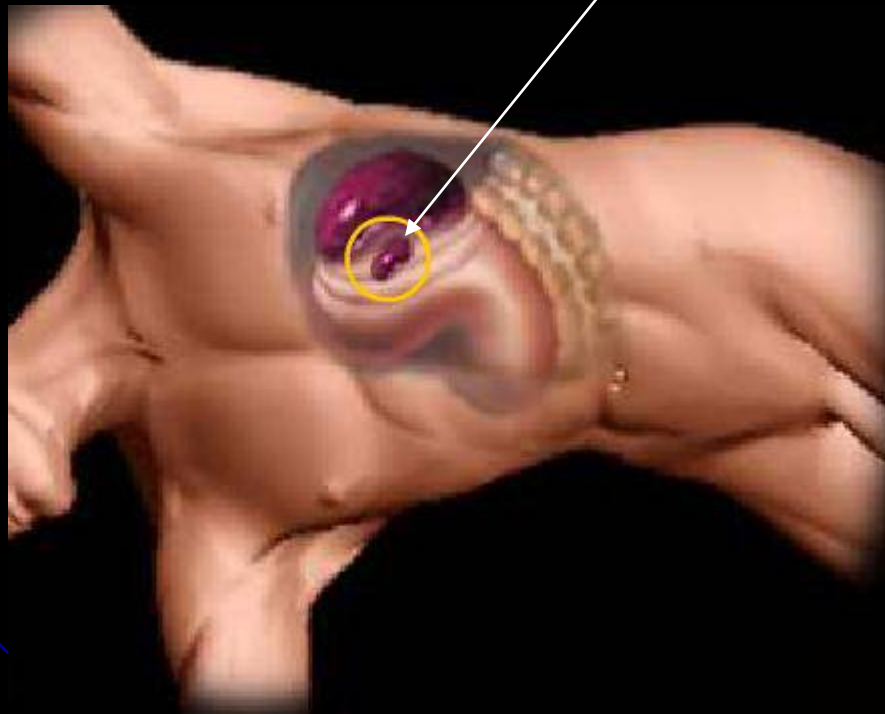
Splenectomy using Suture



Lateral Approach



Accessory Spleen



Complications of Lap Splenectomy

- Intraoperative bleeding
- Postsplenectomy
- Sepsis
- Wound/port site infection
- Pancreatic injury.
- Most of the complications are technique related.



Thank You



Prof. Mishra with his students

