WELCOME *To the*

2026 SYMPOSIUM

How I Do It: PD Catheter Insertion (Surgery)

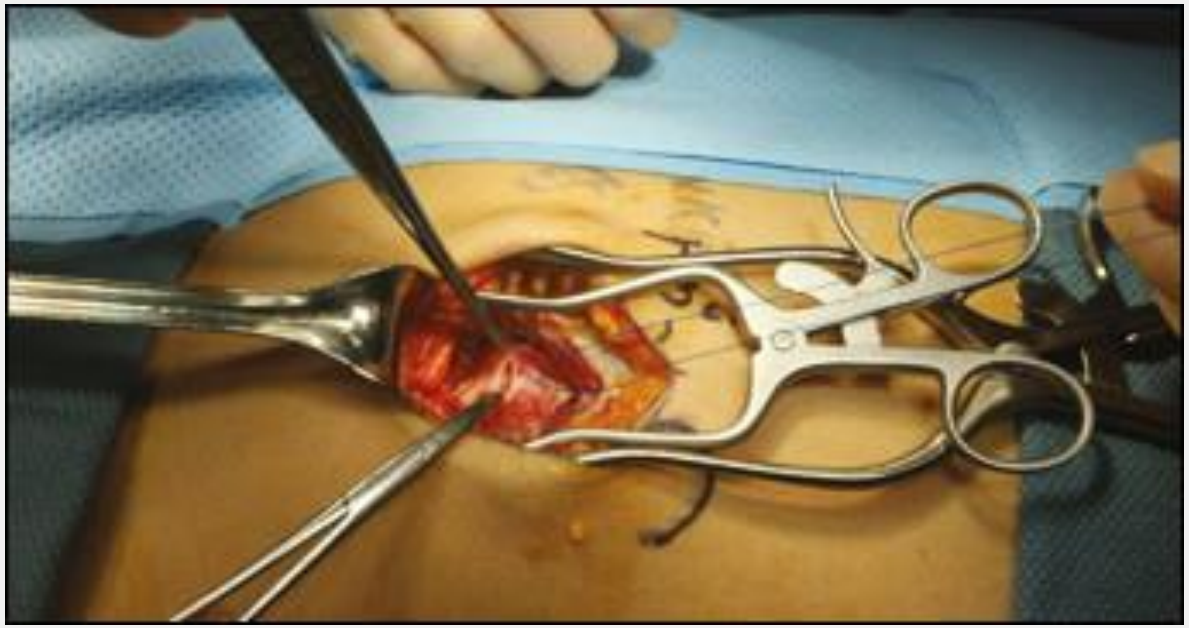
Karen Woo, MD, PhD
Professor of Surgery
David Geffen School of Medicine at UCLA

Disclosures

- None

Surgical Approaches

Open



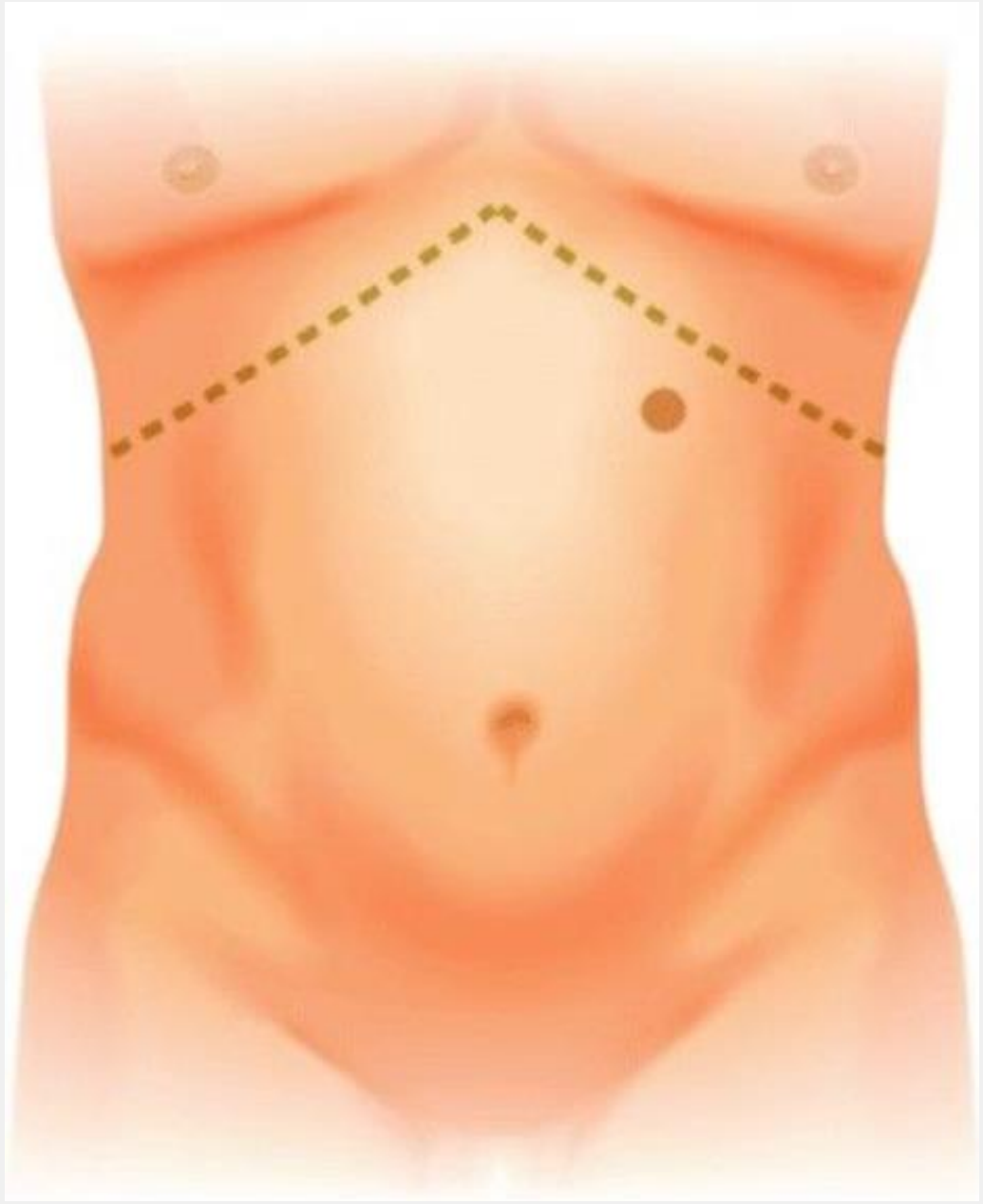
Laparoscopic





PD Catheter

- End Curl
- 2 attached dacron cuffs



Camera Placement

- Left Subcostal
- Palmer’s Point

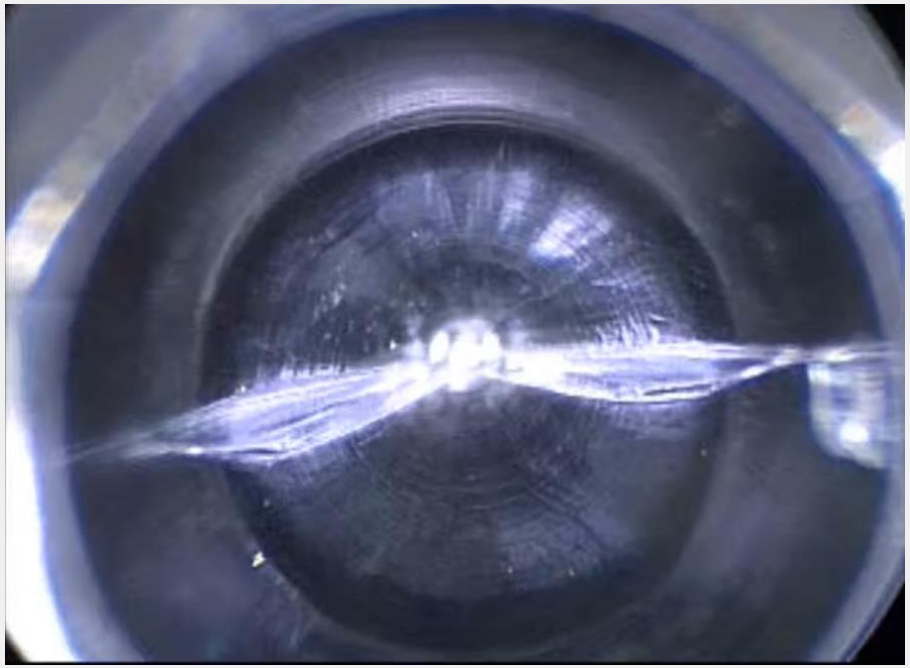


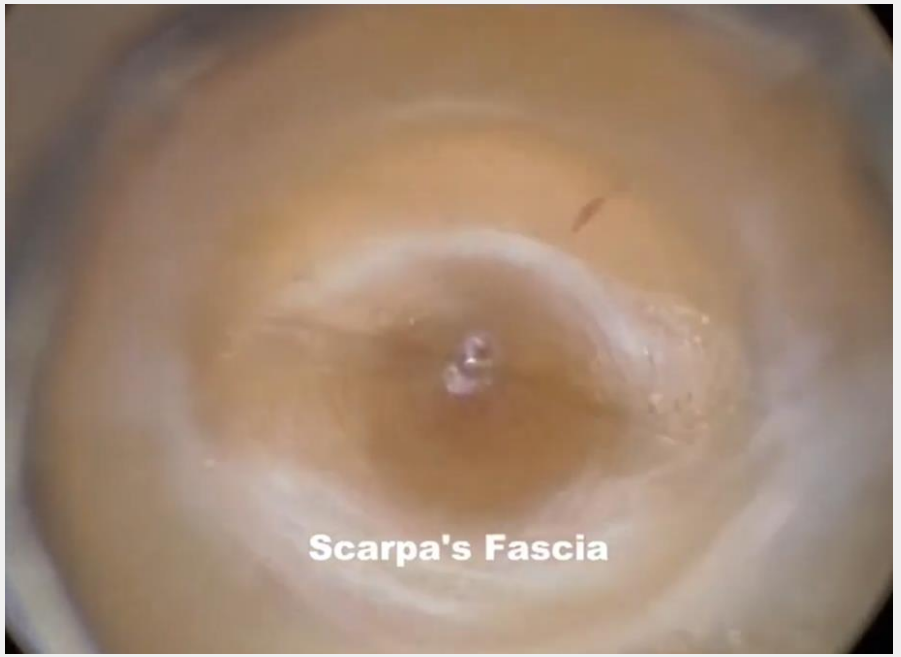


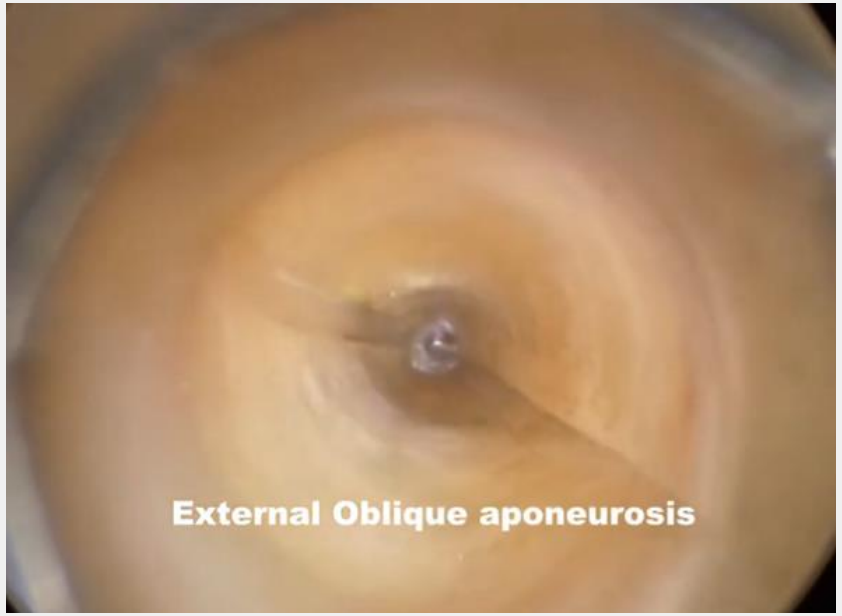


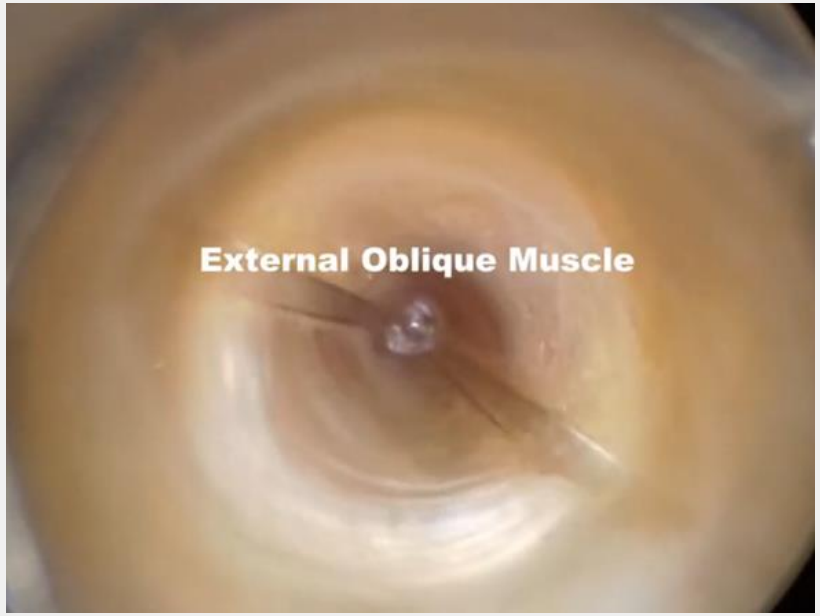
Trocar & Endoscope

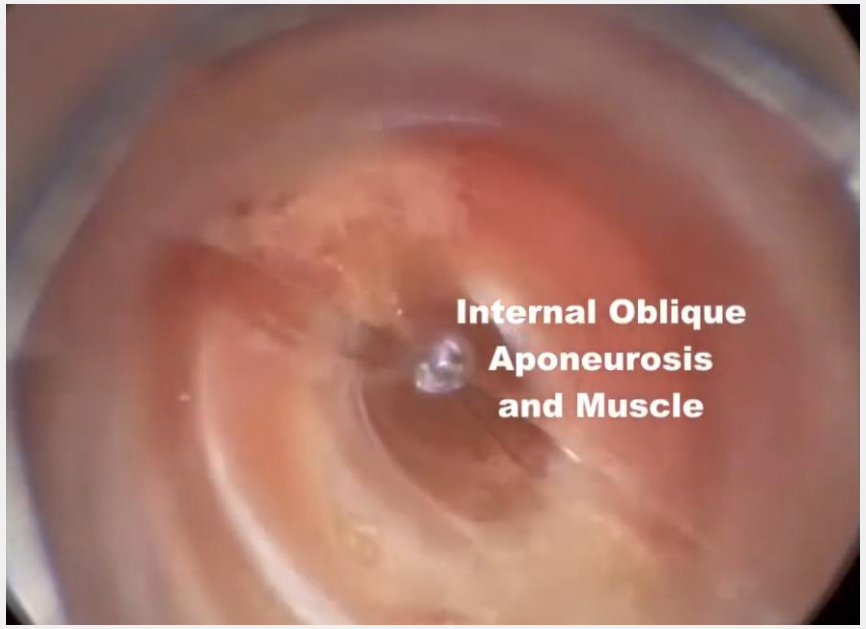
- 5mm optical view trocar
- 5mm zero degree scope

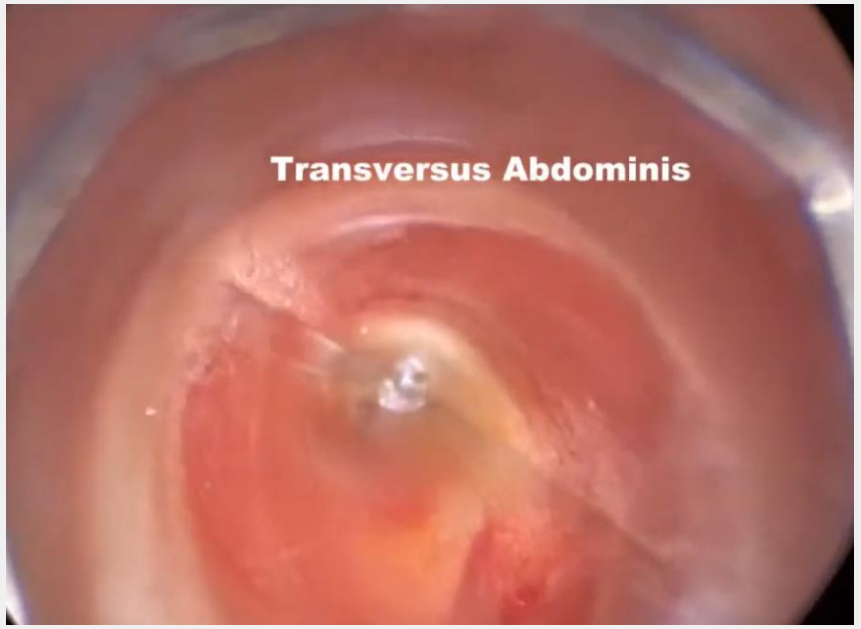



Scarpa's Fascia

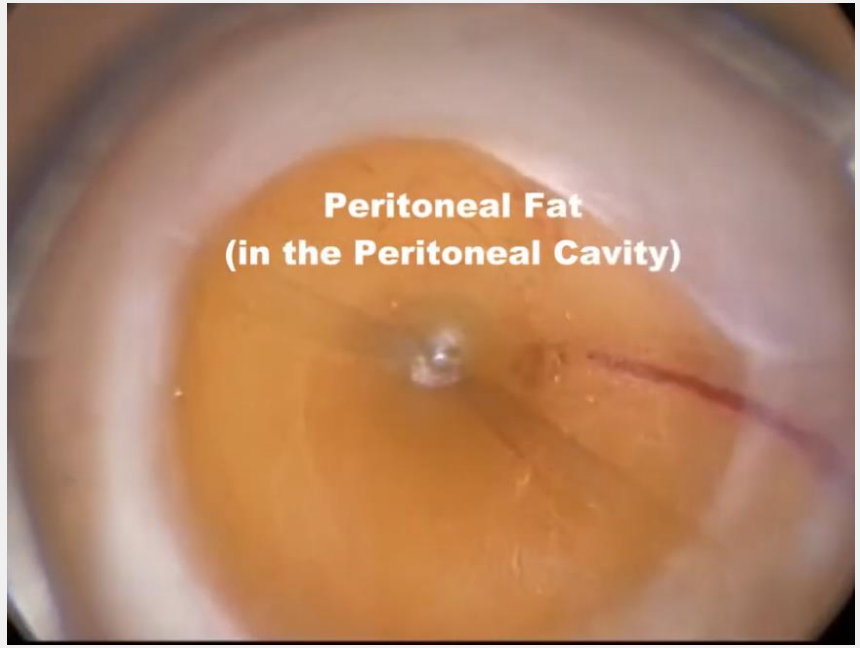

External Oblique aponeurosis


External Oblique Muscle


Internal Oblique
Aponeurosis
and Muscle


Transversus Abdominis


Pre-Peritoneal Fat


Peritoneal Fat
(in the Peritoneal Cavity)



Insufflate

- CO_2
- 15 mm Hg



Infra-umbilical incision

- Curvilinear
- ~ 1.5 cm length



16 Fr Peel-away sheath kit

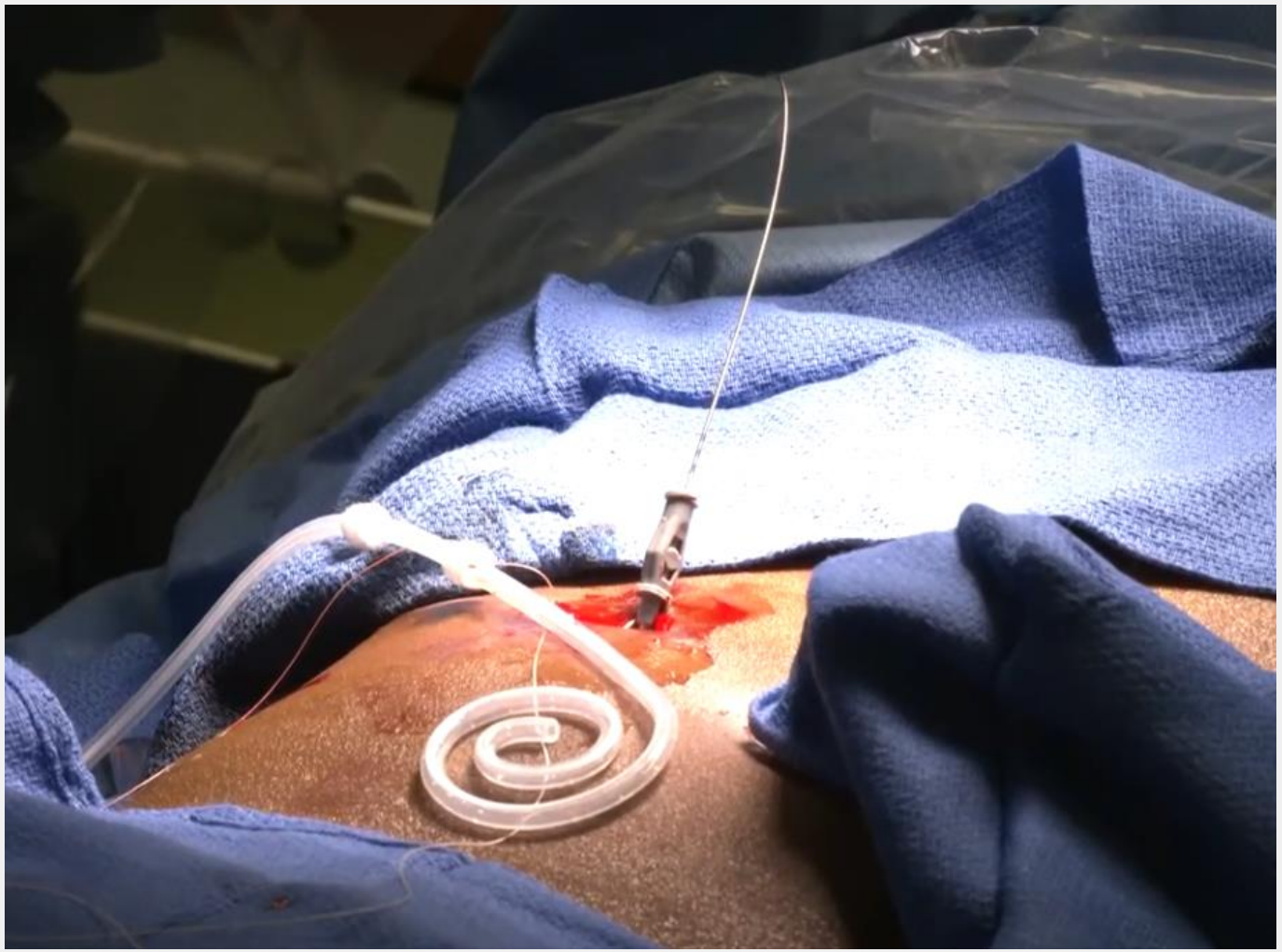
- Needle
- Wire
- Dilator
- Peel-away sheath



Introduce needle through umbilical incision

Directed towards pelvis

Stay pre-peritoneal for ~2cm



Introduce wire through the needle



Dilate the tract

Remove the needle



Place the peel-away sheath over the wire

Direct the sheath into the pelvis



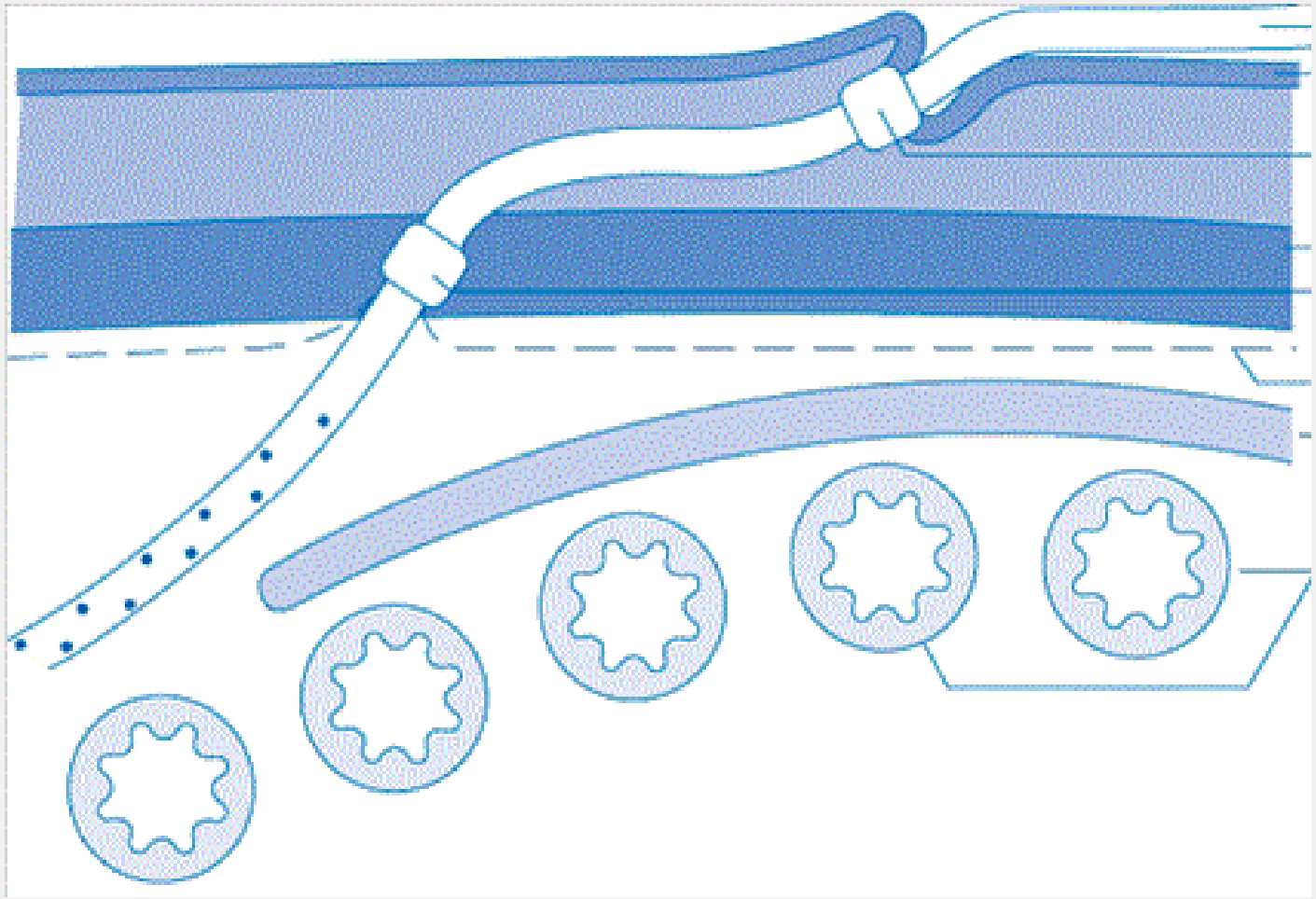
Insert the catheter into the sheath



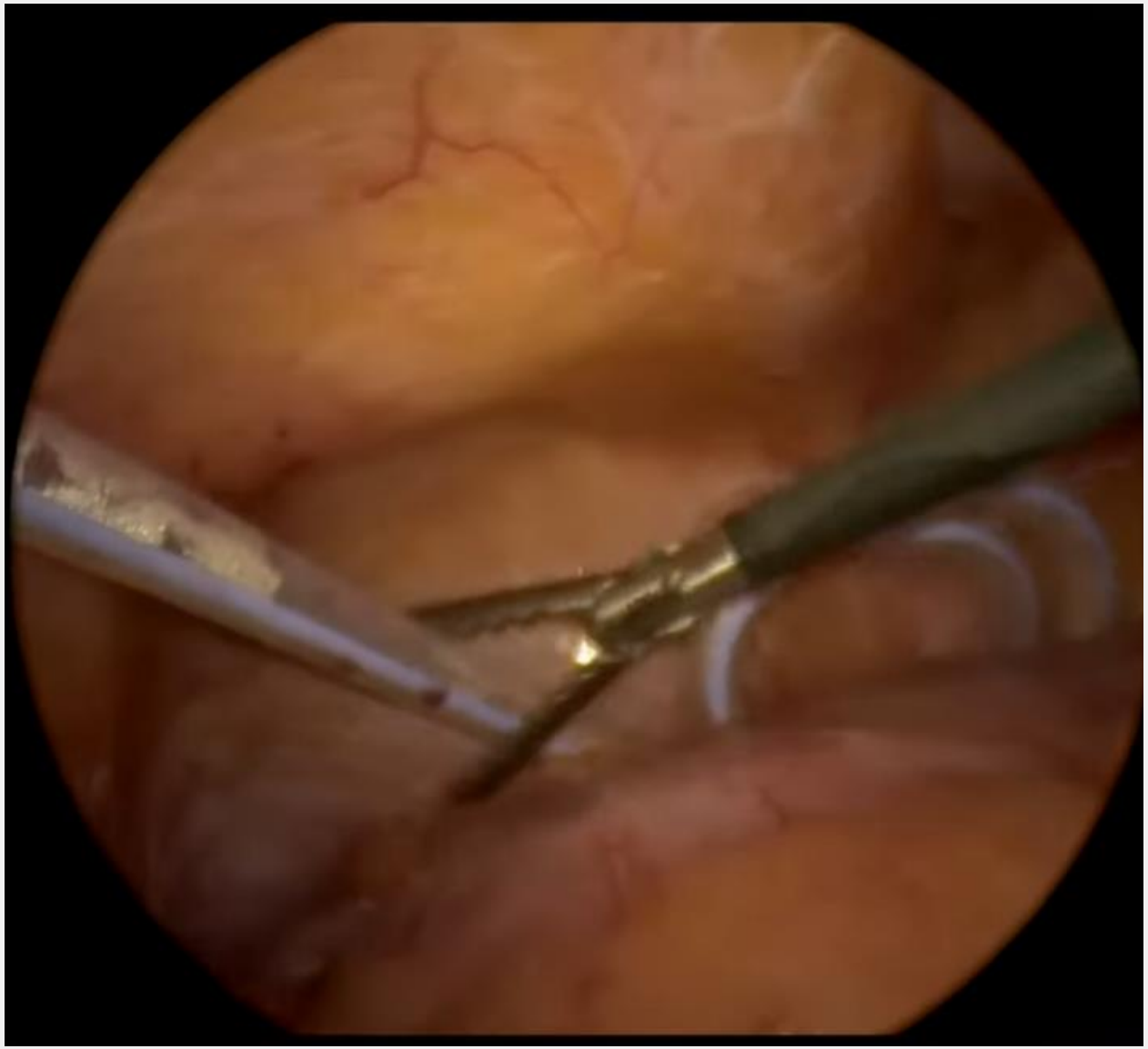
Insert the catheter into the sheath



Peel away the sheath



Ensure that the inner cuff is pre-peritoneal



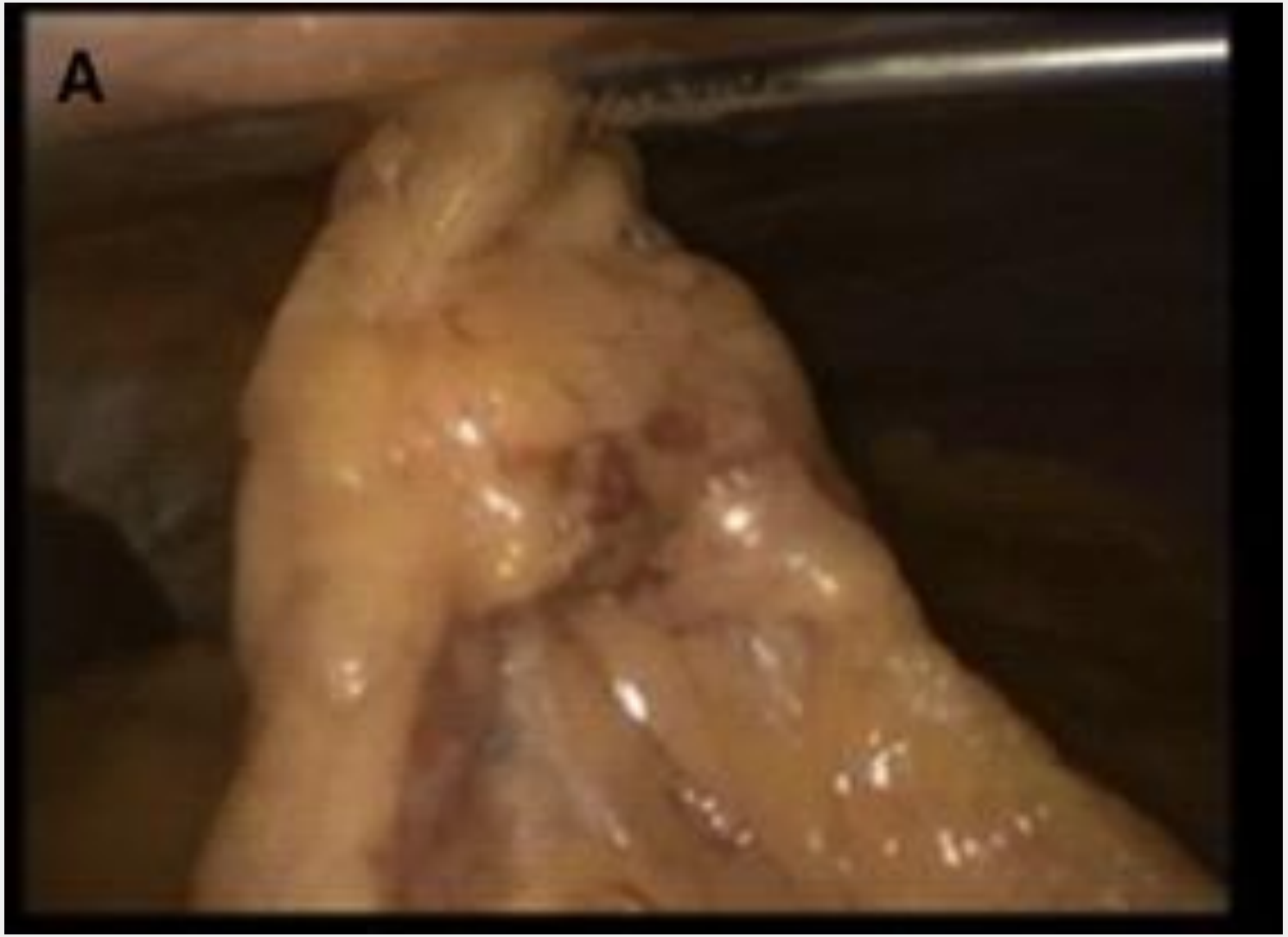
If necessary

2nd 5mm trocar

Grasper



Does omentum reach into pelvis?



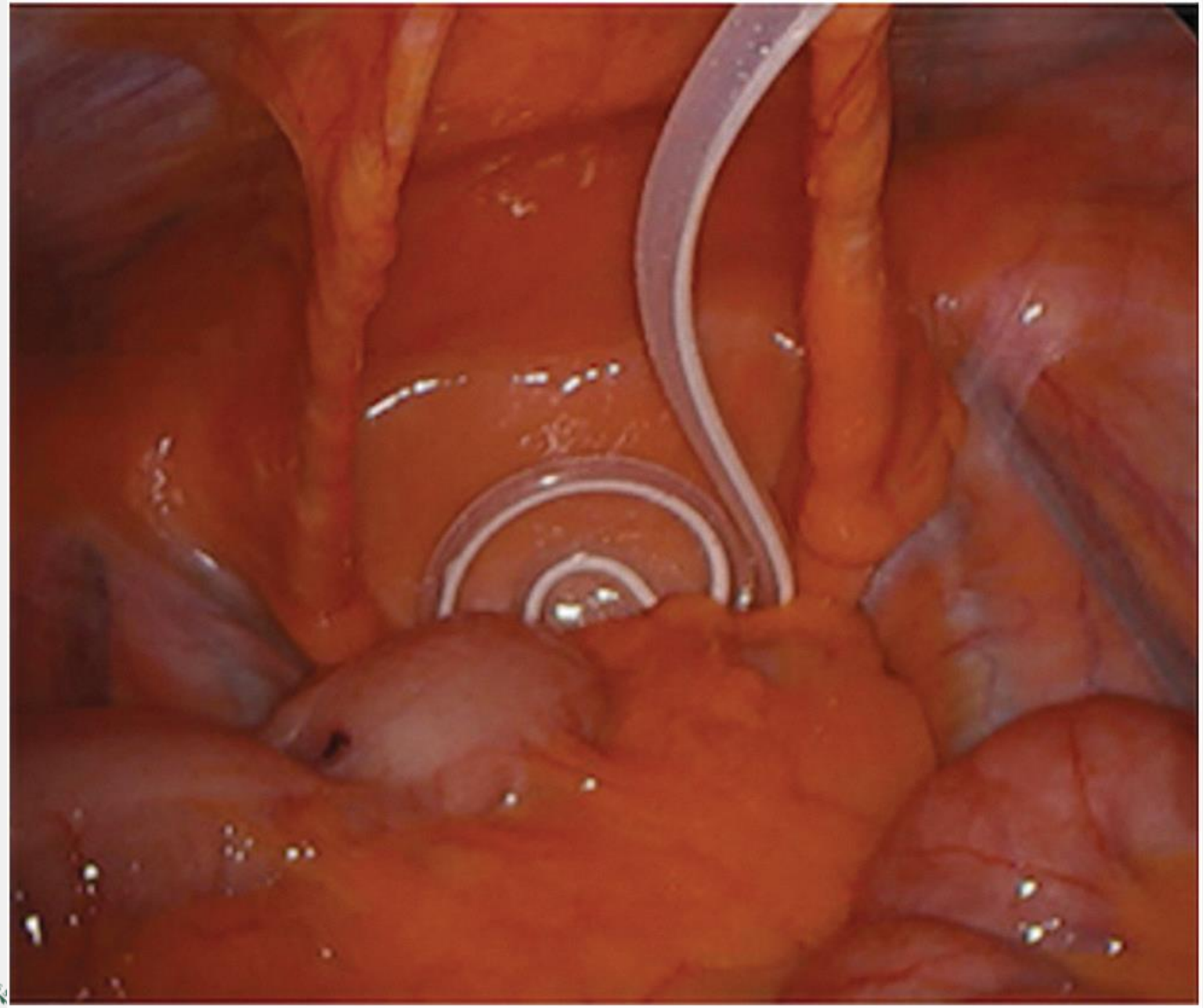
Tack it up to the right upper quadrant



Tunnel







Desufflate

Active and passive fill and drain

Close incisions