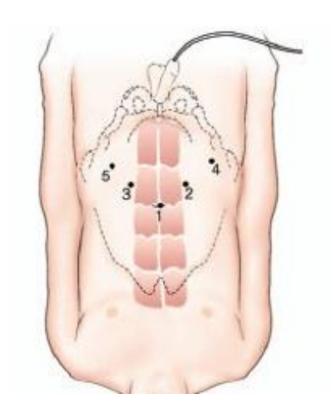
Laparoscopic and Robotic Radical Prostatectomy Tips and Tricks Case Discussion

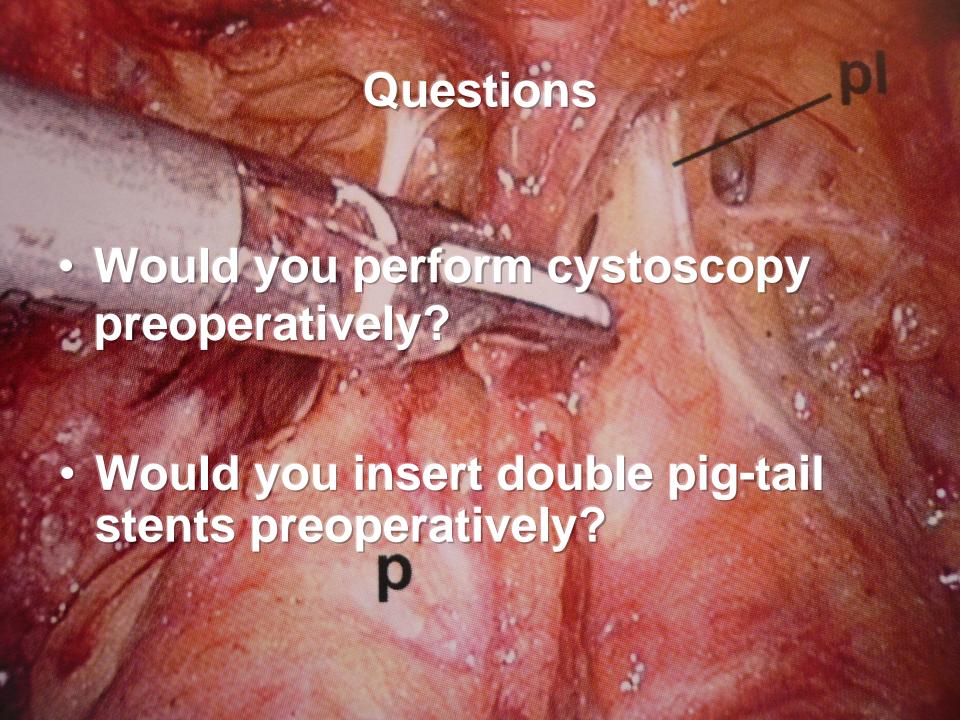
Andreas Skolarikos

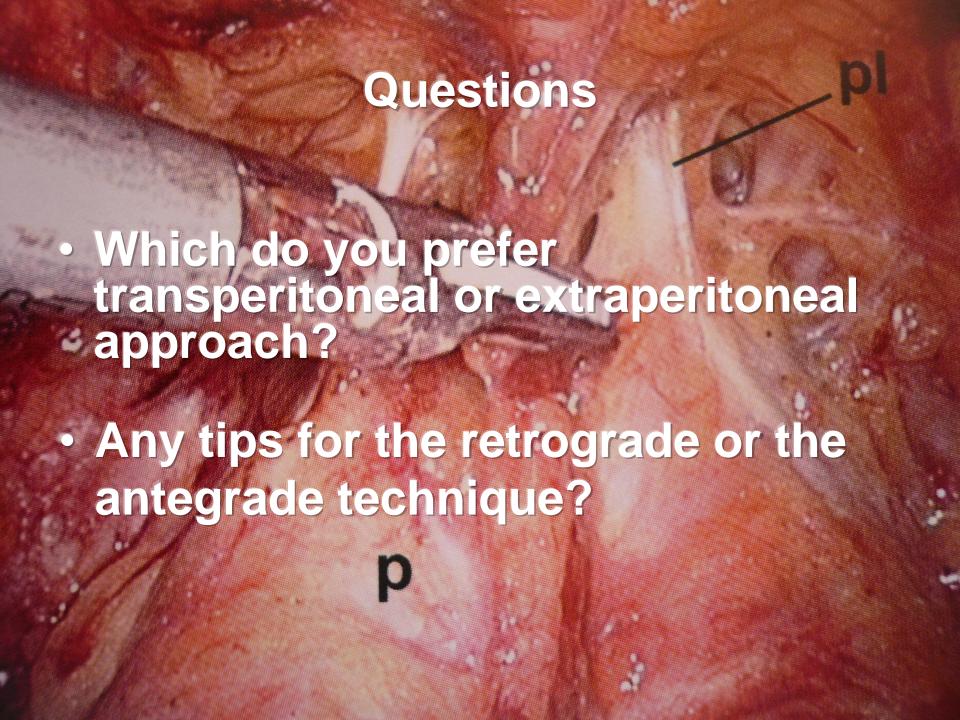
Assistant professor of Urology
Athens Medical School

- 69 years old PSA: 7ng/dl
- T1c, Gleason 6 CaP
- TRUS volume: 30 ml
- PMh: none

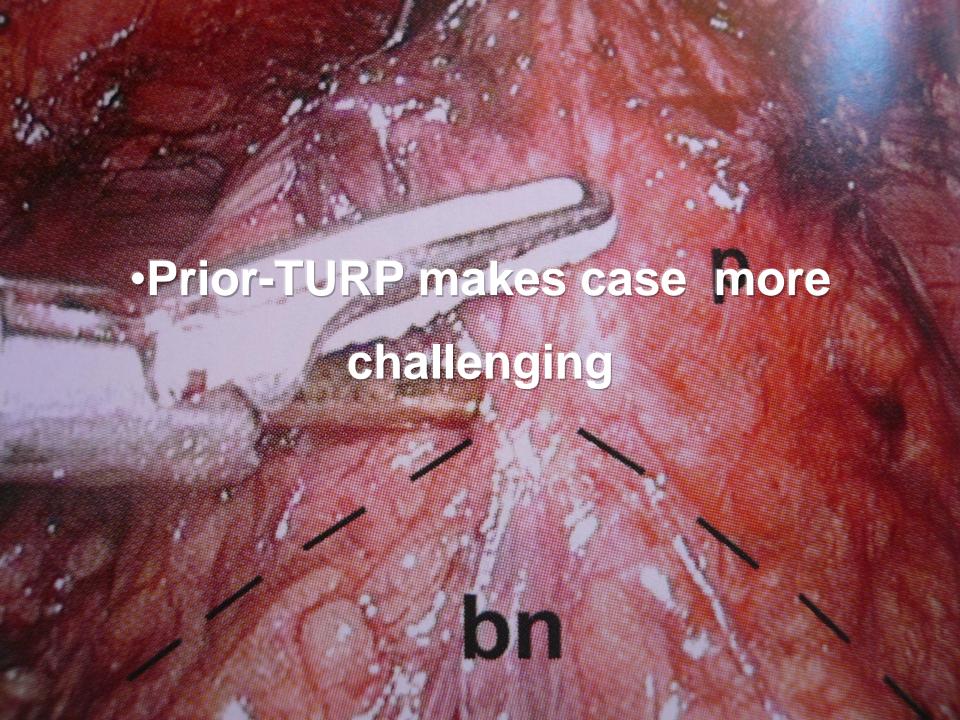
PSh: TURP 5 years ago,
 35gr, TURP syndrome

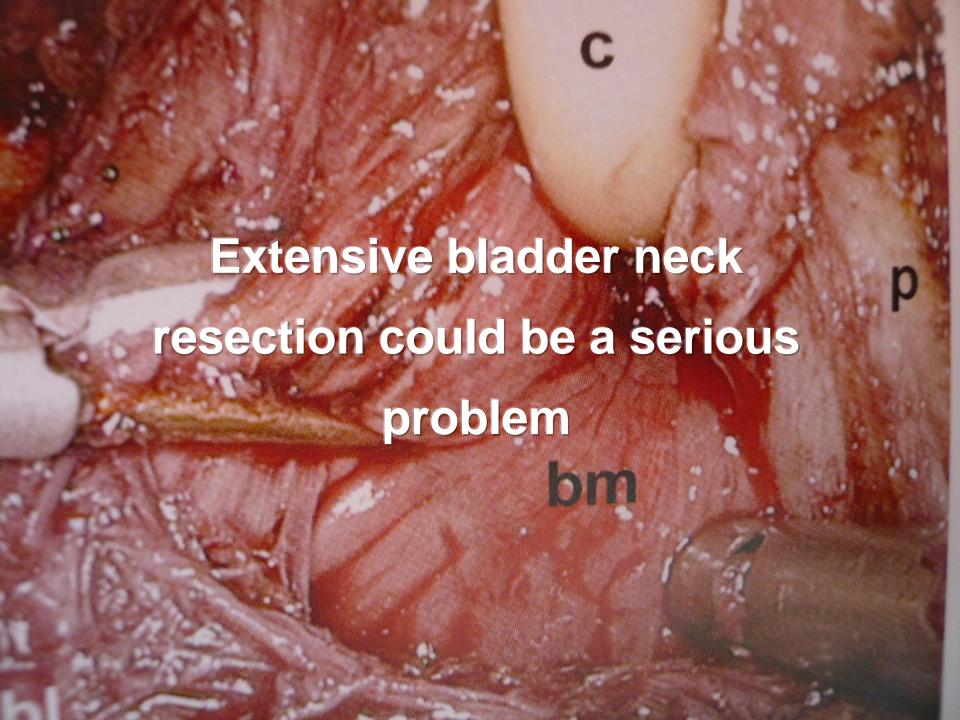


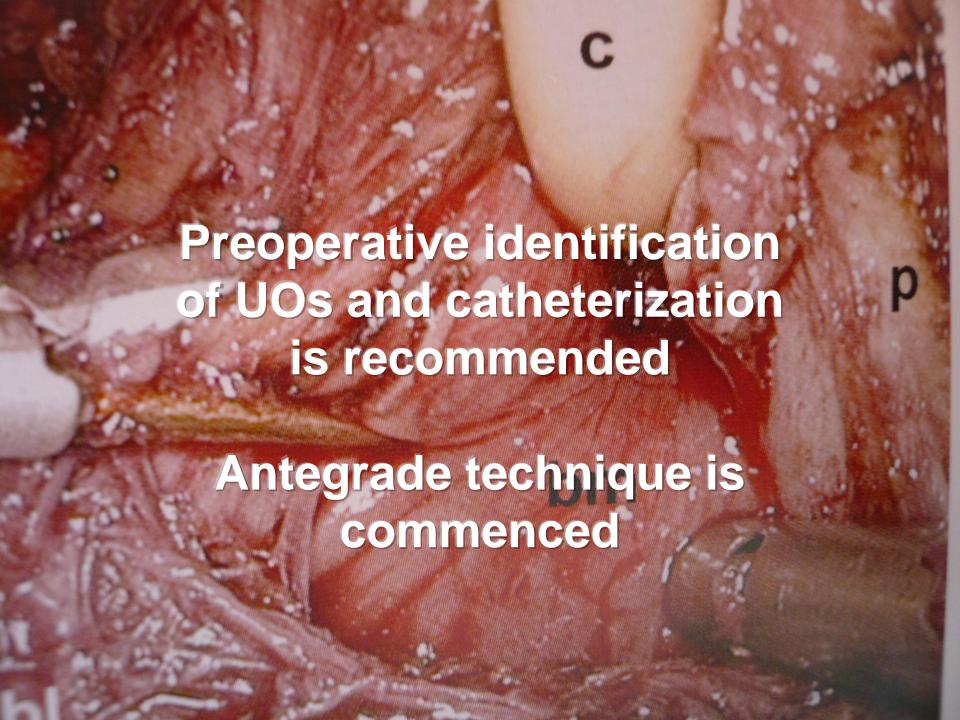




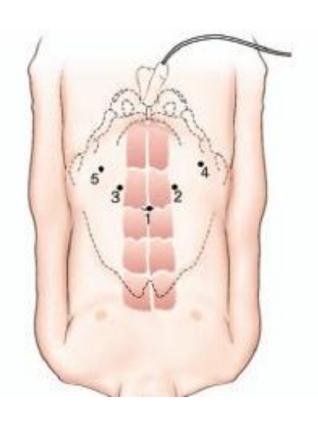
Questions How do you identify the bladder neck? How about apical dissection? Your thoughts about robotic surgery?







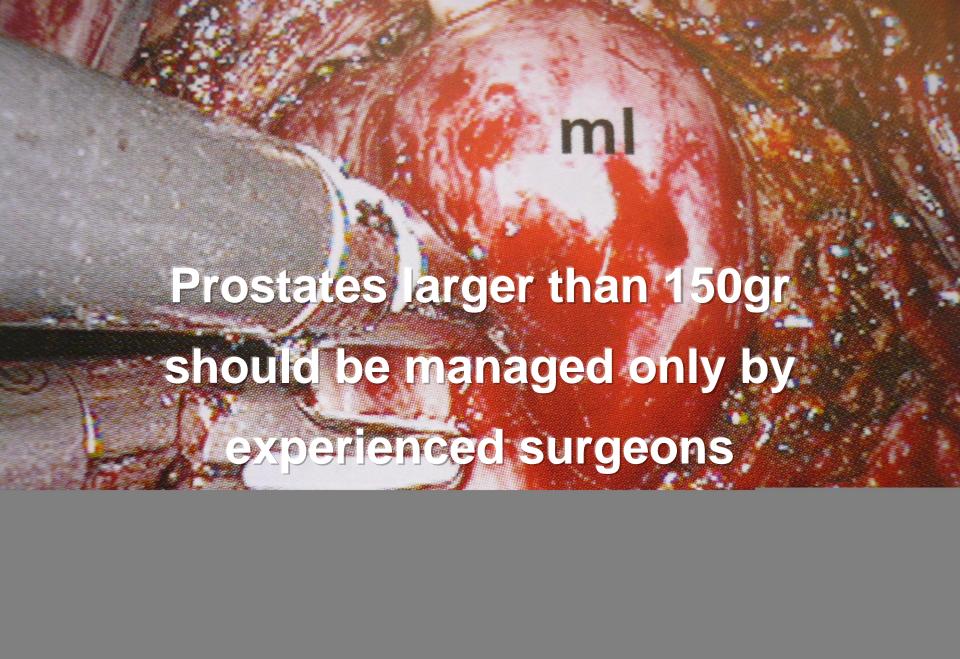
- 71 years old PSA: 10ng/dl
- T1c Gleason 6 CaP
- TRUS volume: 180 ml, large middle lobe, asymmetric apex
- PMh: CAD on medical therapy,
 BMI 29Kg/m², potent
- PSh: none

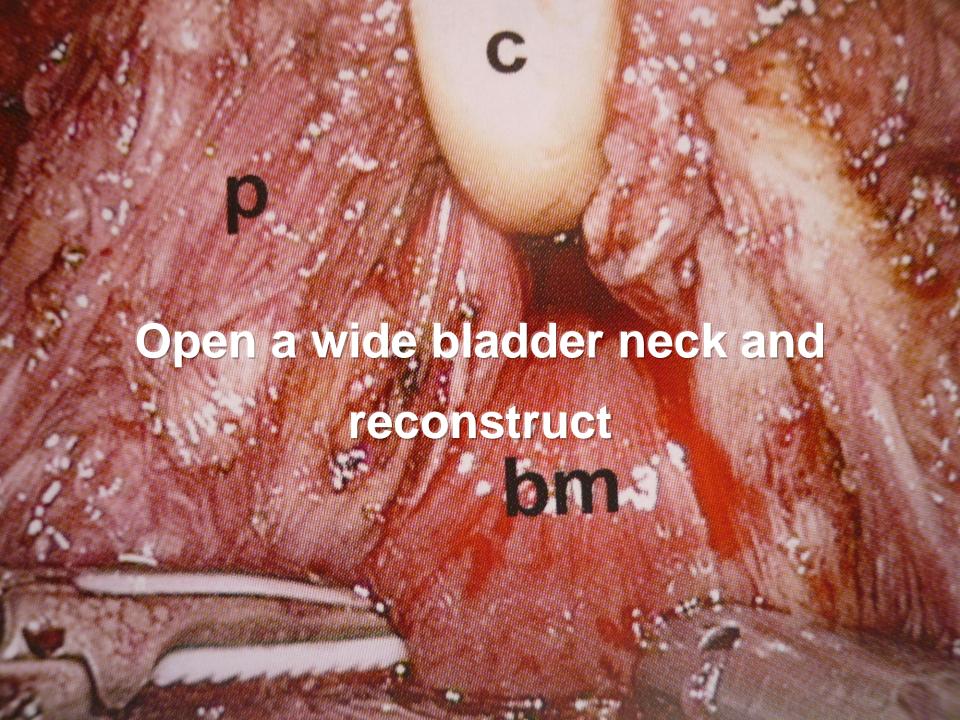


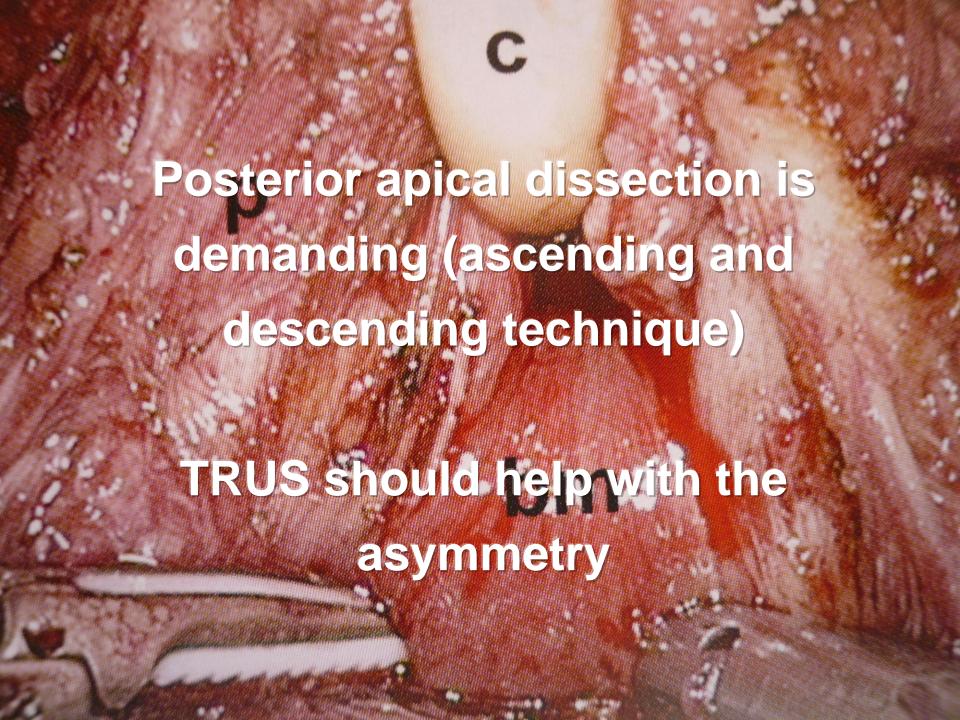
 Is this case ideal for laparoscopic or robotic radical prostatectomy?

- Transperitoneal or Retroperitoneal approach?
- Retrograde or antegrade technique?

- How would you preserve the bladder neck?
- How do you transect the lateral pedicle and mobilize the neurovascular bundles during a nerve-sparing prostatectomy?
- How do you perform the apical dissection and maximize urethral length?

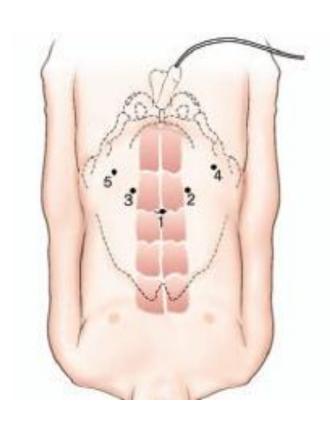






- 68 years old PSA: 6ng/dl
- T2, Gleason 7 CaP
- TRUS volume: 65 ml
- PMh: CAD, Hypertension,
 Diabetes on medical therapy,
 ASA score II-III, BMI 47Kg/m²

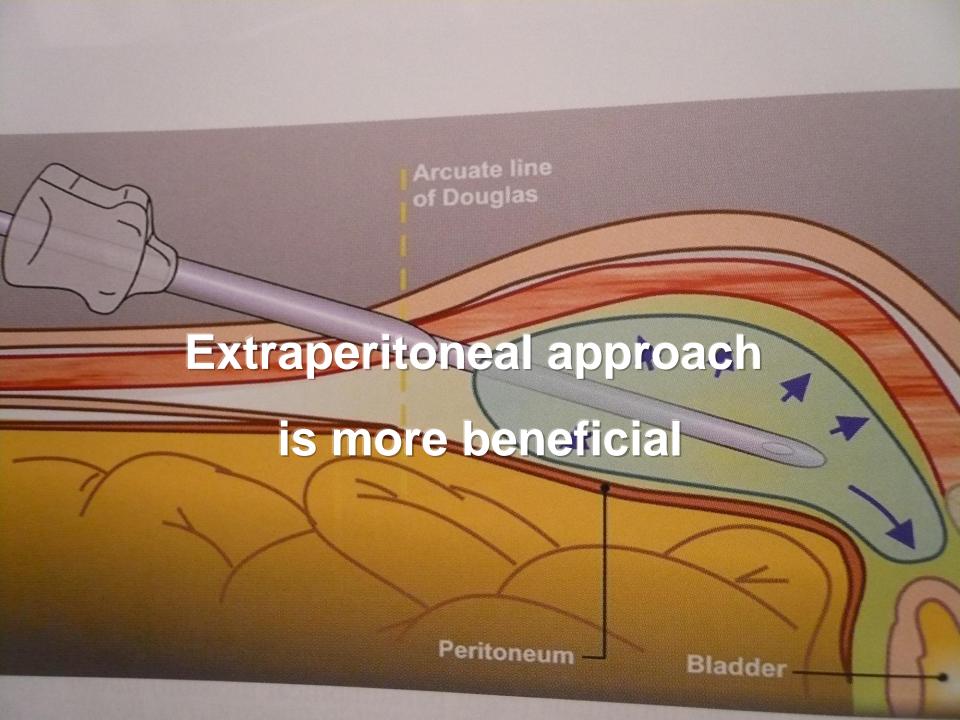
• PSh: none



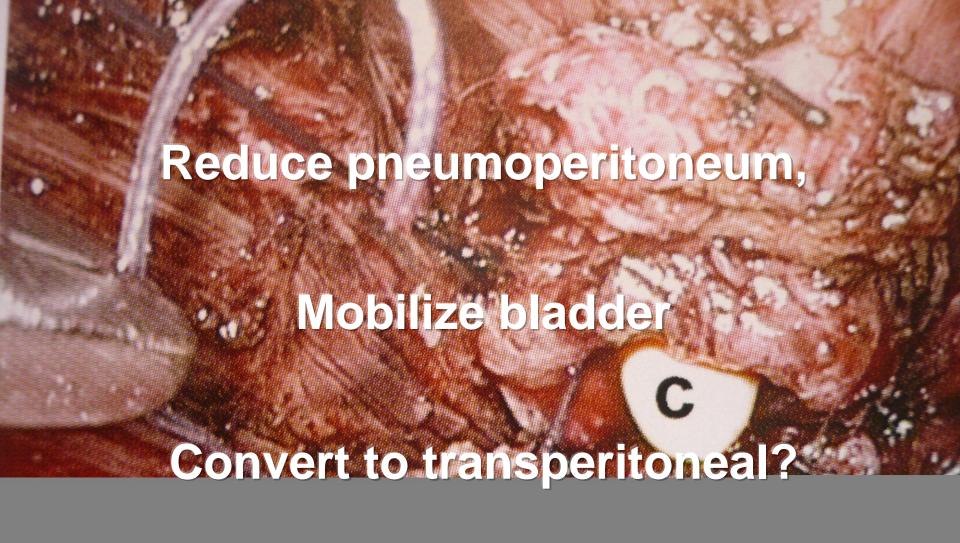
- How often are you confronted with such a patient?
- How do you see robotic prostatectomy to be different from pure laparoscopic prostatectomy?
- Transperitoneal or extraperitoneal approach?

Questions What are the optimal angles of port placement? Same for robotic surgery? In case the bladder does not "reach" the apex what would you recommend?

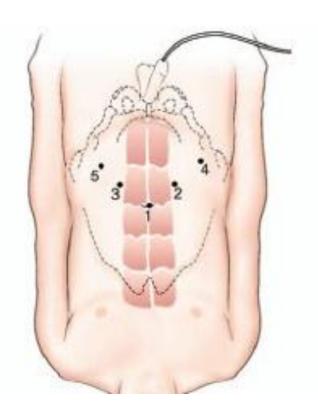








- 65 years old PSA: 5 ng/dl
- T1c, Gleason 6 CaP
- TRUS volume: 50 ml
- PMh: None
- PSh: 2 laparotomies for a perforated appendicitis 35ys ago, and a right TEP (or TAPP) hernioplasty 5 years ago



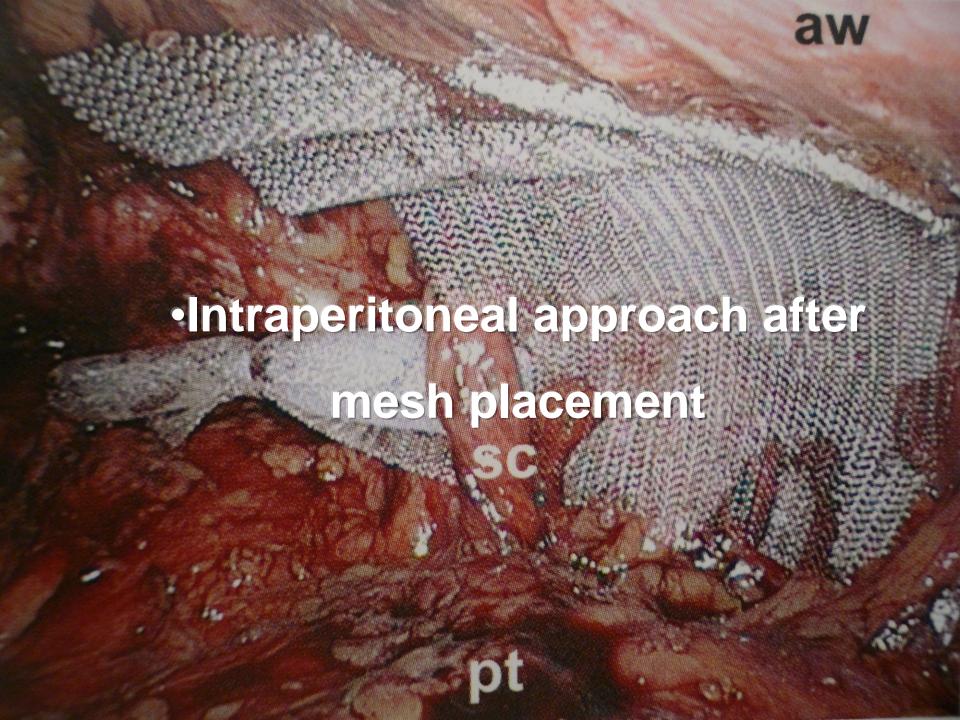
- Is this a reason for conversion to open surgery?
- Robotic, transperitoneal or extraperitoneal approach?
- Which is the optimal position of the trocars?

- Which is the optimal position of the trocars?
- Is there a higher risk for bladder injury?
- What about lymphadenectomy at the site of the mesh?

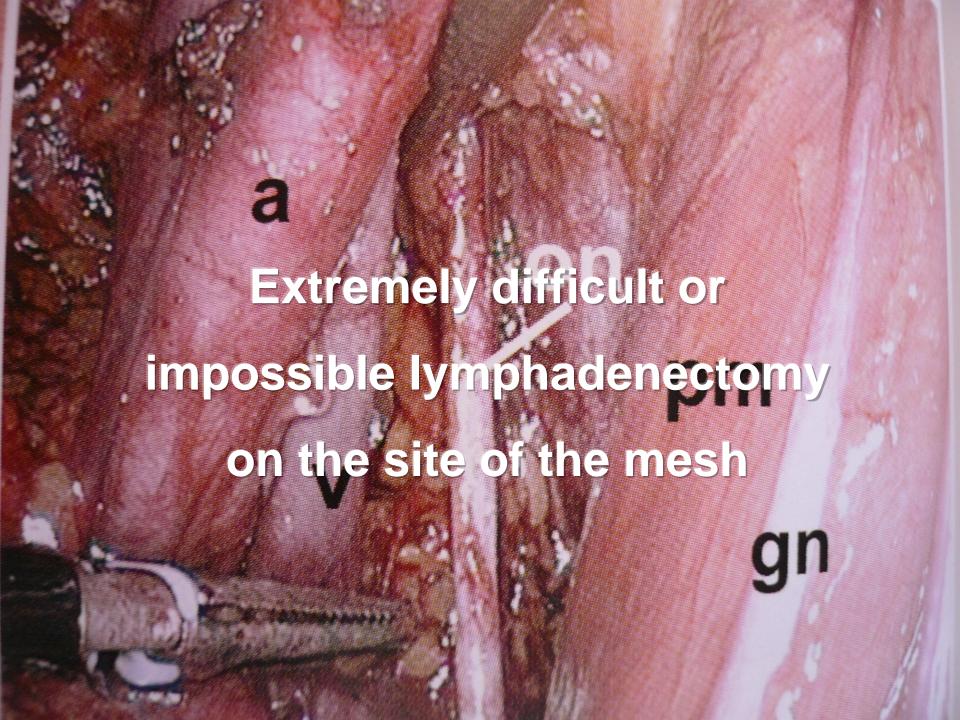
aw

 Prior abdominal surgery and TEP or TAPP with mesh placement are challenging and the inexperienced laparoscopic surgeon should think about open surgery

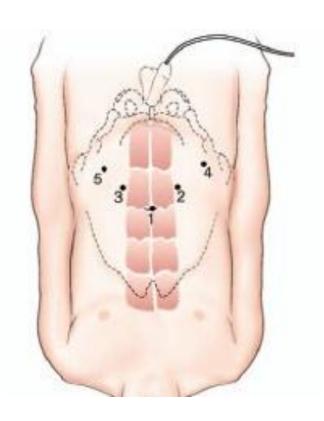




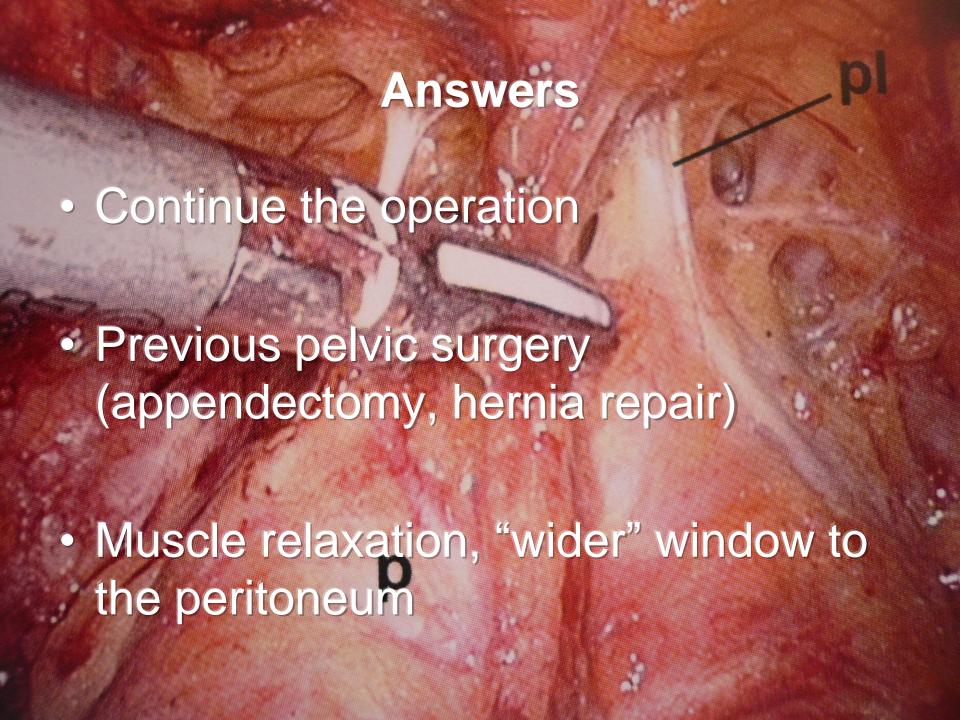




- 65 years old
- PSA: 5 ng/dl
- T1c clinical stage CaP
- Laparoscopic
 Extraperitoneal Descending
 Radical Rrostatectomy



- What would you do if a rupture of the peritoneum during dissection of the extraperitoneal space occurs?
- What causes the problem (predisposing factors)?
- Are there any measures to increase the space?



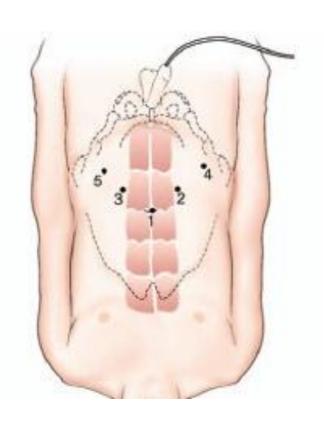
How would you stop Santorini plexus bleeding?

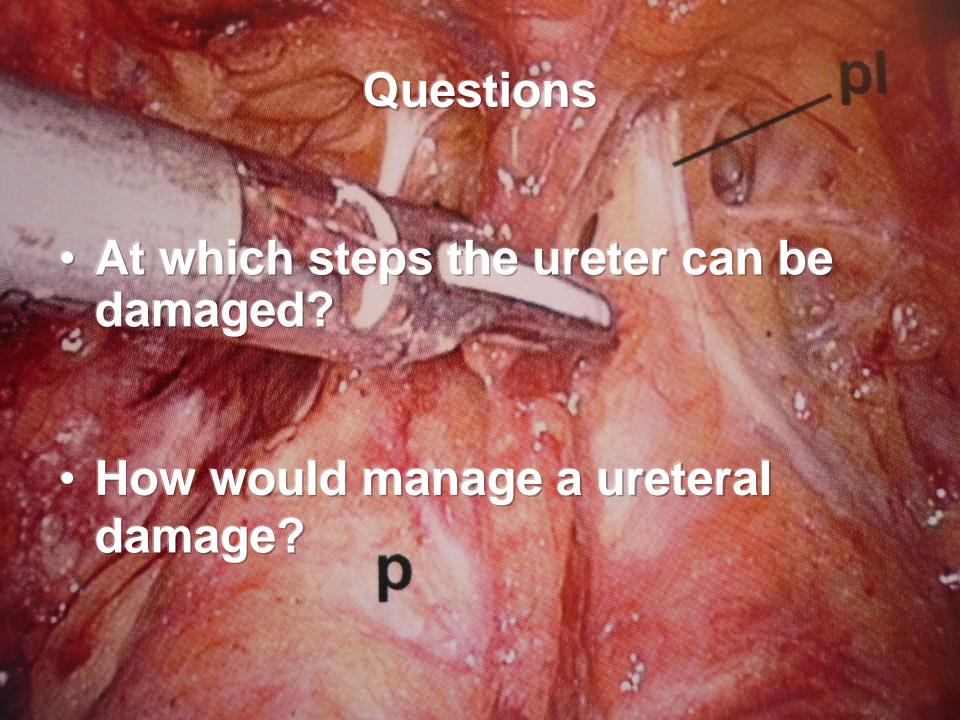
- What would you do when arterial bleeding occurs (coagulation or clipping or suturing)?
- How do you control bleeding from NV bundles?

Answers

- Use all of them
- Increase pressure to 20mmHg, bipolar coagulation, additional suturing, divide ventral urethra-retract catheter
- Avoid coagulation, selective suturing, sealants

- 56 years old
- PSA: 5 ng/dl
- T1c clinical stage CaP
- Robotic Transperitoneal Prostatectomy

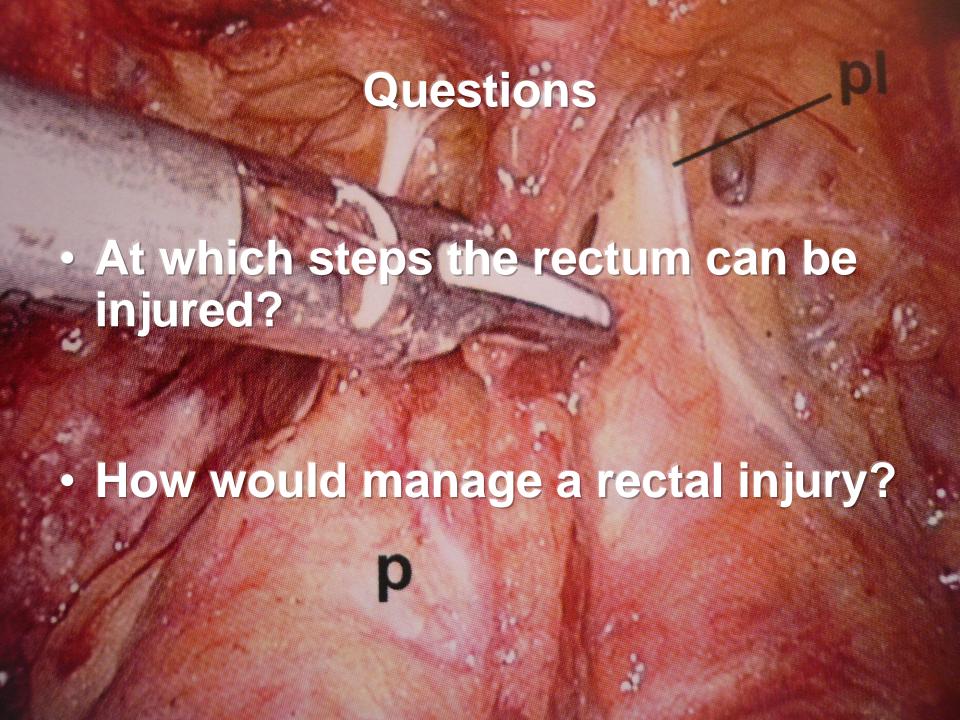




Answers

 LND, VD dissection, Posterior BN dissection, during anastomosis

• Indigo carmine and furosemide, intraoperative catheterization, ureteral reconstruction, BN reconstruction at 6 o'clock



Answers

- At the end of the procedure when dissecting the apex dorsally (prostatitis, fibrosis)
- Late thermal injury
- Intrarectal devices
- Endoscopic correction in two-layer suture line
- Parenteral nutrition for 6 days

