

ROBOTİK PİYELOPLASTİ

Dr. Fatih Atuđ

İstanbul Bilim Üniversitesi

Avrupa Florence Nightingale Hastanesi

Üroloji Anabilim Dalı

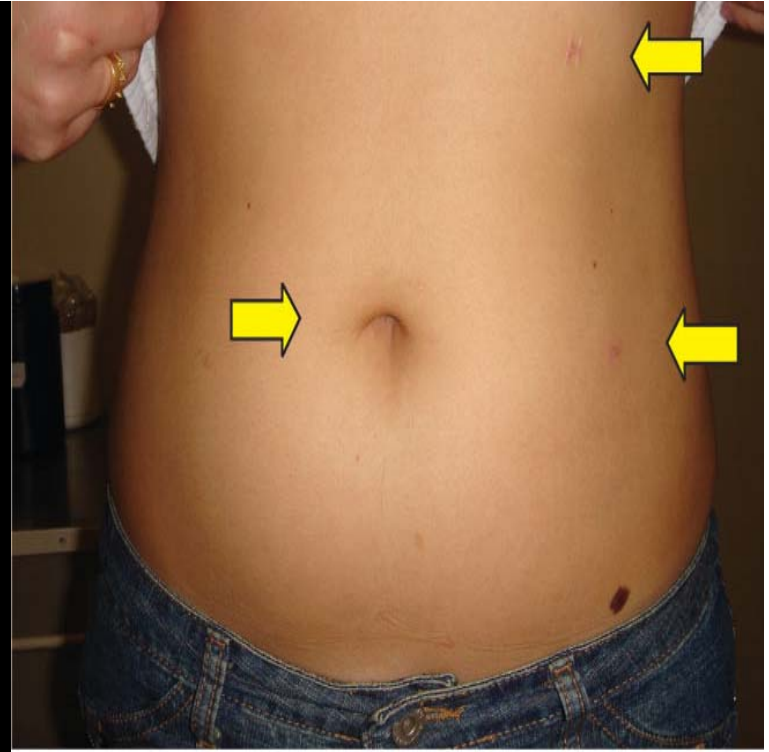
UPJO

- Açık Cerrahi
- Endopyelotomi
 - Perkütan
 - Üreteroskopik
 - Acucise™
- Laparoscopi



Laparoskopik Piyeloplasti

- Minimal invaziv cerrahi
- Açık cerrahiyle kıyaslanabilir sonuçlar
- Laparoskopik dikiş atma zorlukları
- Dik ve zor öğrenme eğrisi !!
- Vaka sayısı ??



Robotik Pyeloplasti

Avantajları

- 3D Vision
- 7 Derece hareket kabiliyeti
- Sütür atma kolaylığı
- Açık pyeloplasti tekniğine yakınlık

Robotik Pyeloplasti

Teknik:

- Rutin Pre-Op. görüntüleme
 - CT Scan with early arterial phase
 - IVP/RGP
 - Renal Scans/Ultrasound

GE MEDICAL SYSTEMS
LightSpeed IV CT3 L1000
S.C. 00070201 000700
S.C. 428 RHM1
Im: 3
KV: 10 (A4.2 (cal))
DFOV: 22.0cm
0028-1

1.48

St. Dominic Hospital

Mar 10 2004
09:30:50 AM
128 X 512

Med = 1.00

TL
ROT



R

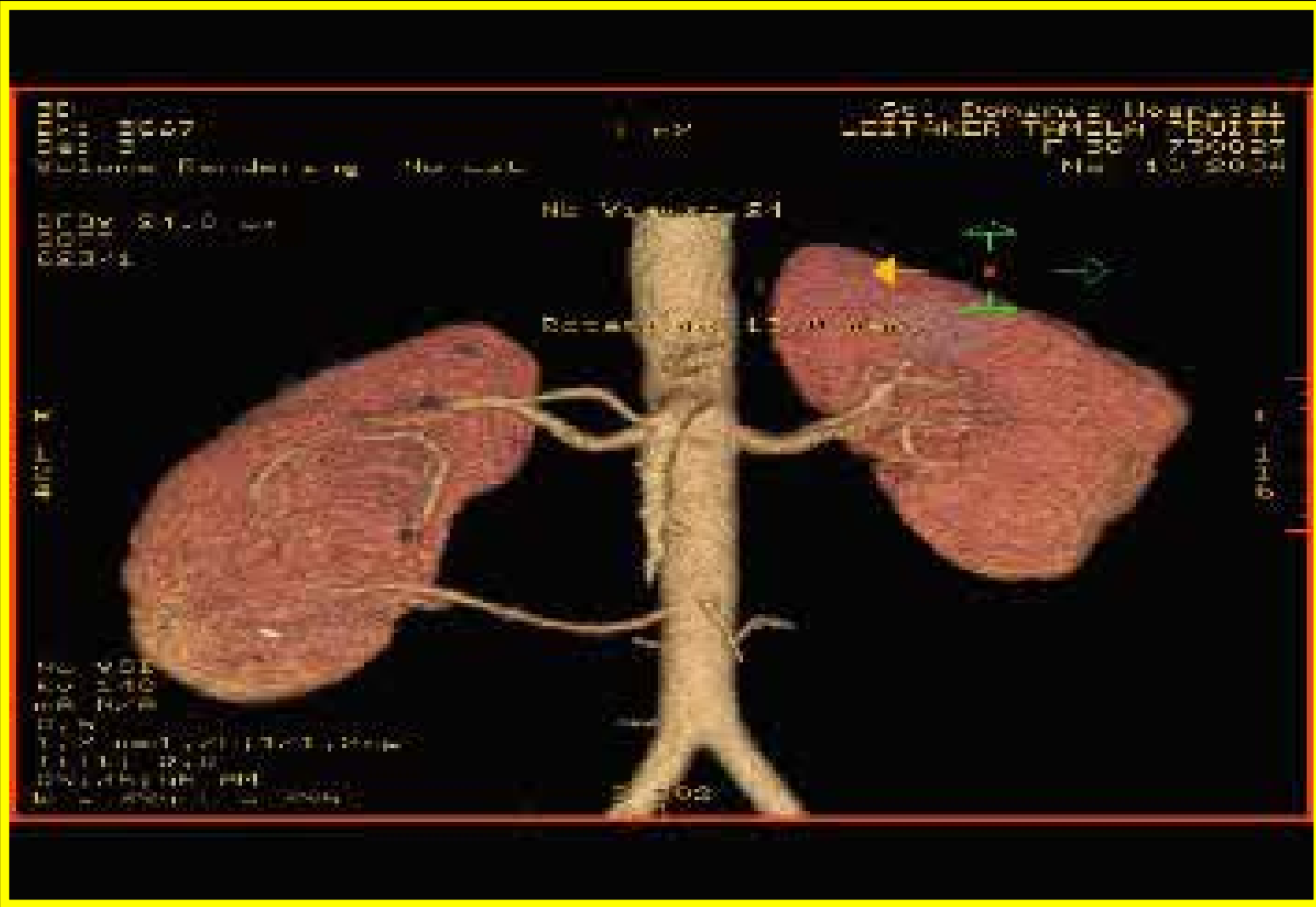
L

17:140

00-110 100 0.0
1.7, 70mm 17.50mm/sec 1.75/170
Tilt: 0.0
0.7 x 7-15

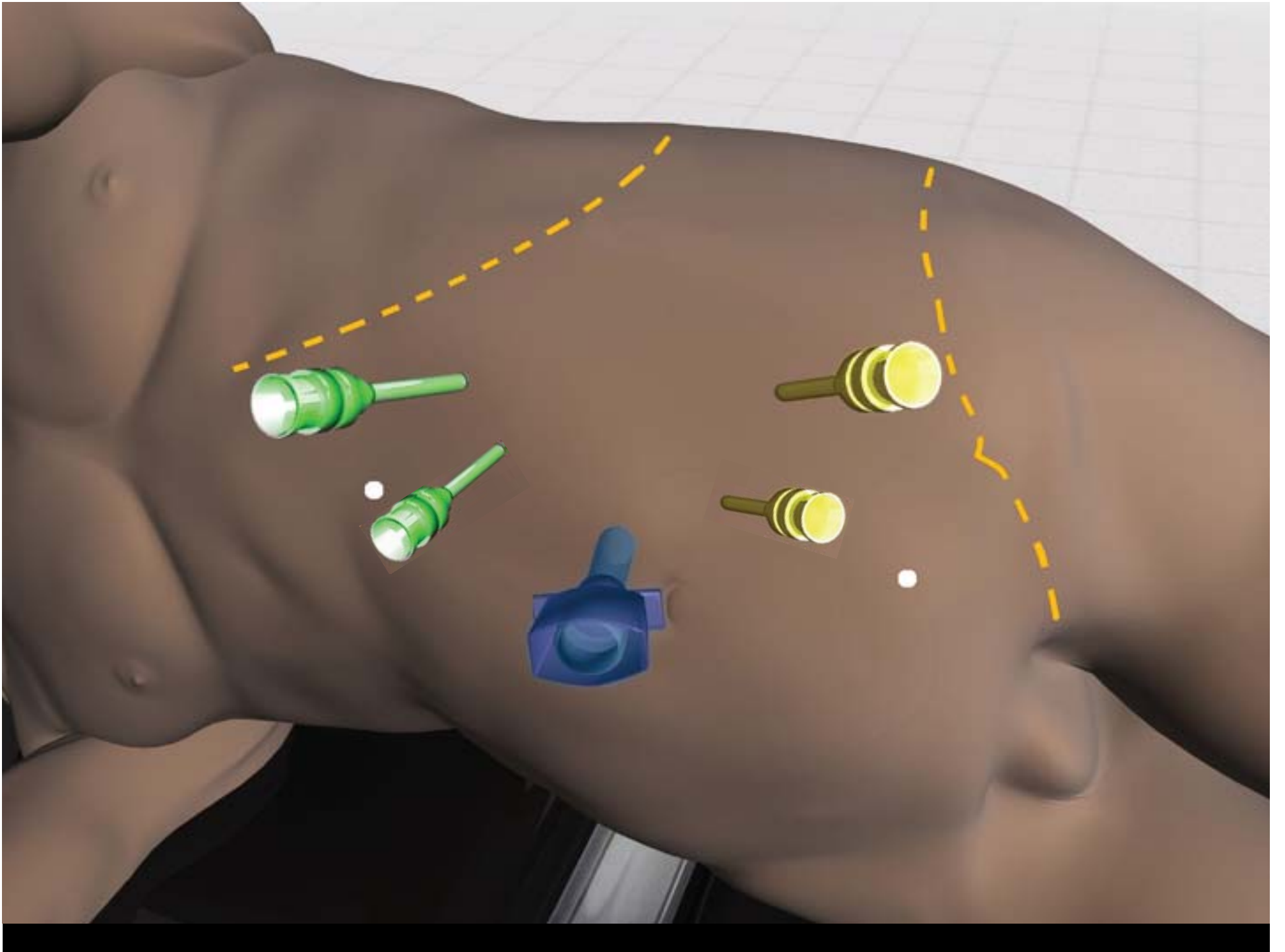
WW: 100 WL: 100

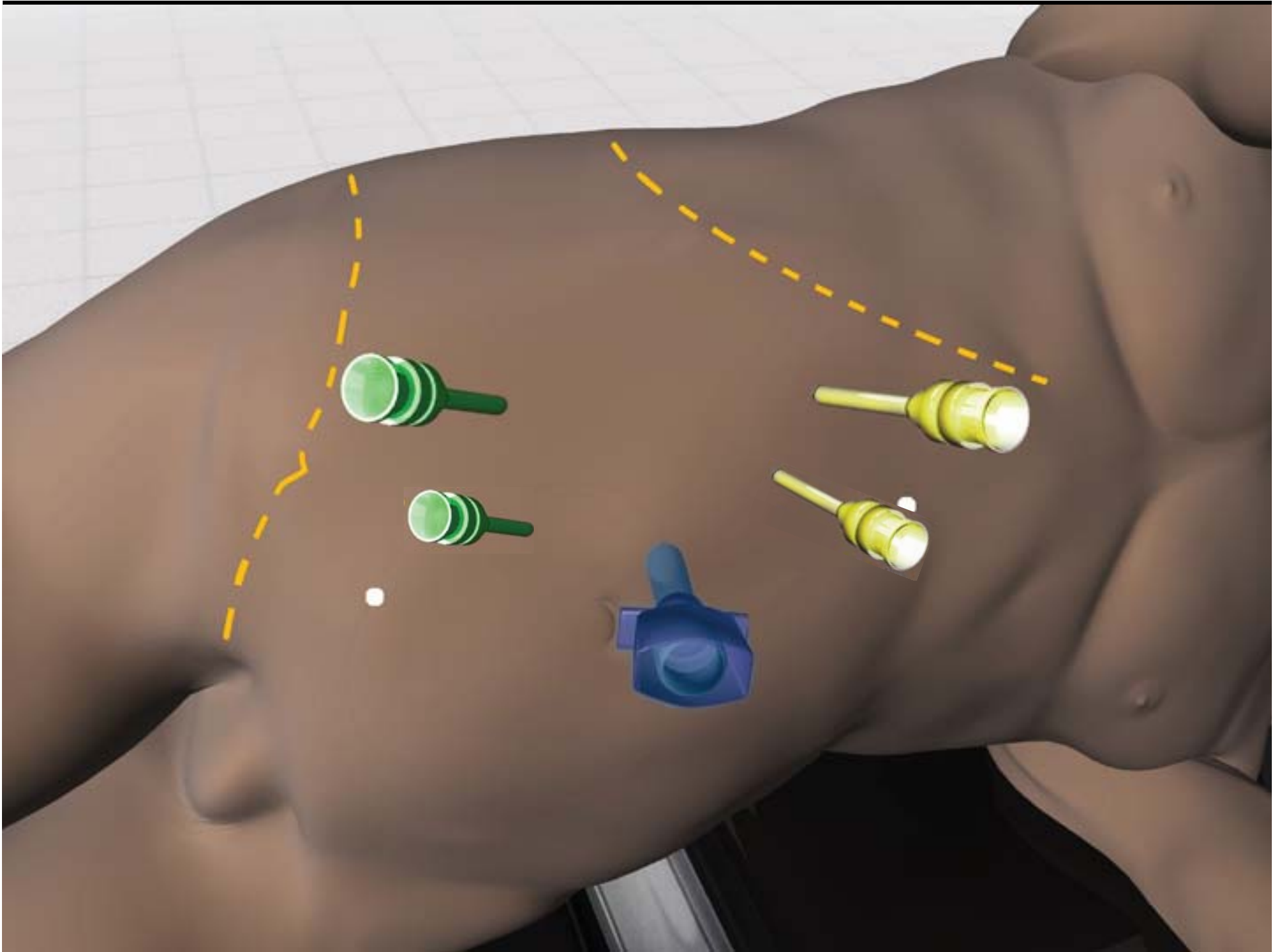
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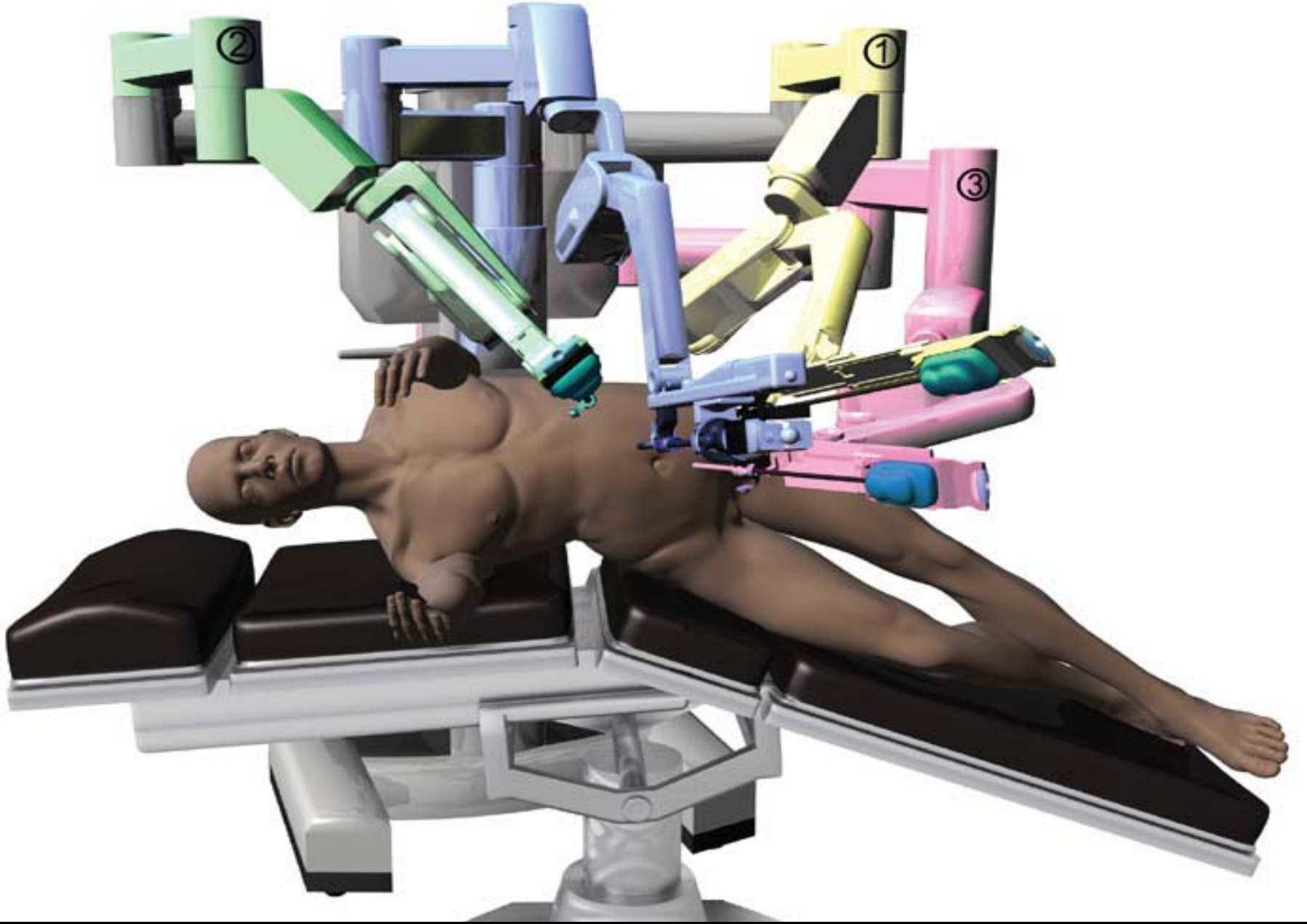


Hastanın Pozisyonu





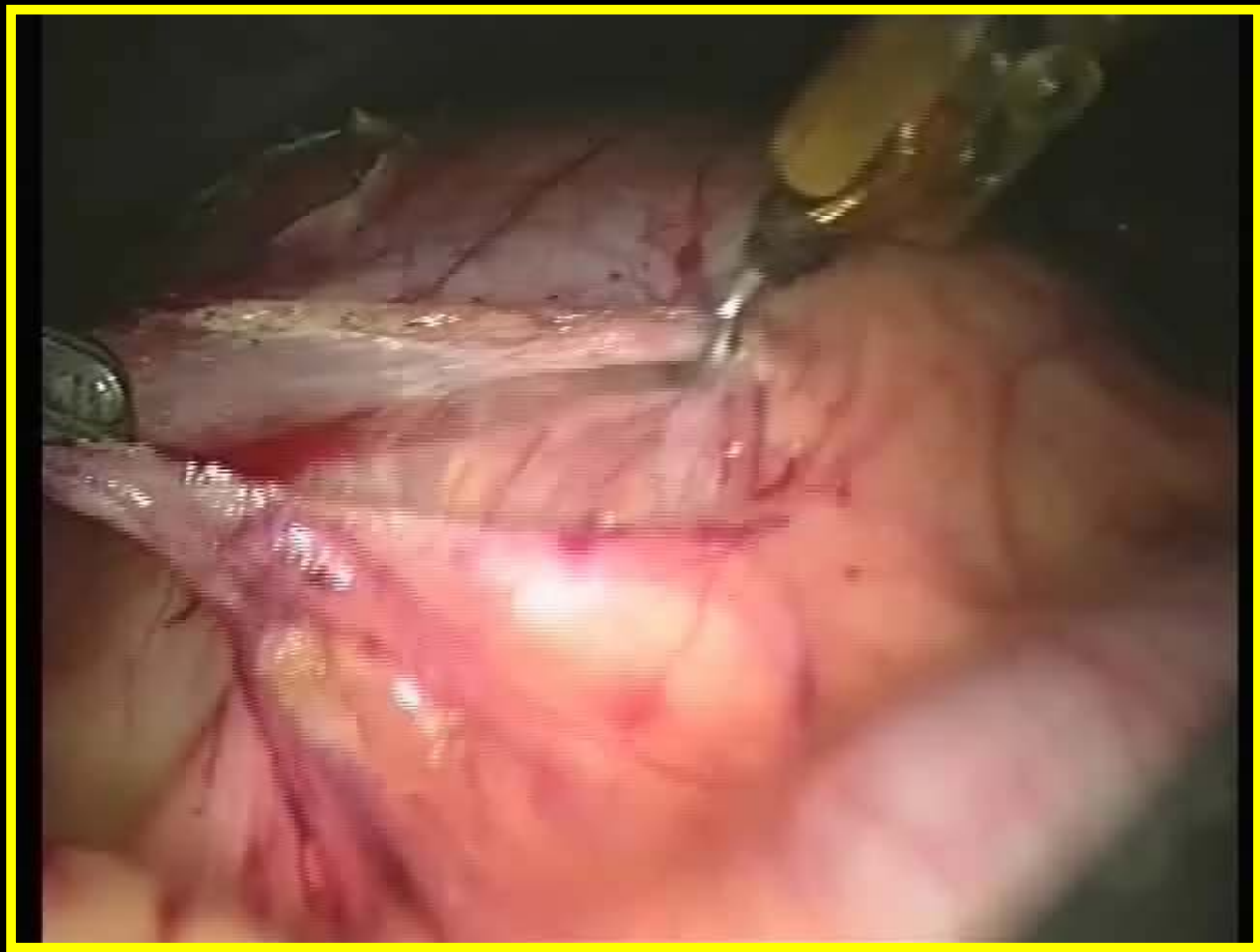




Robotik Piyeloplasti

Teknik

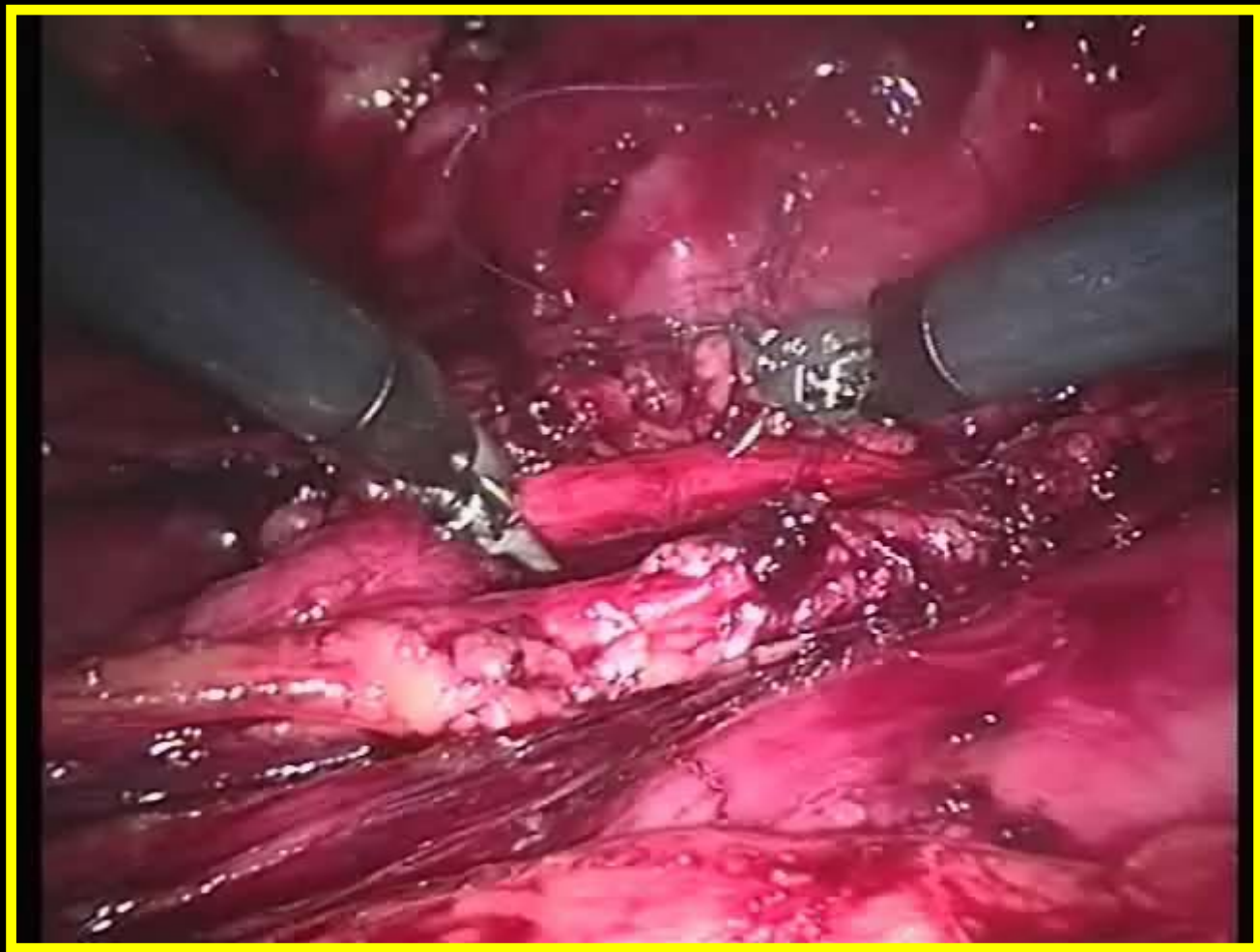
- Kolon refleksiyonu
- Renal pelvis bulunur
- Renal pelvis dilatasyonu
- Ureterolysis
- Pelviolysis
- Crossing vessel

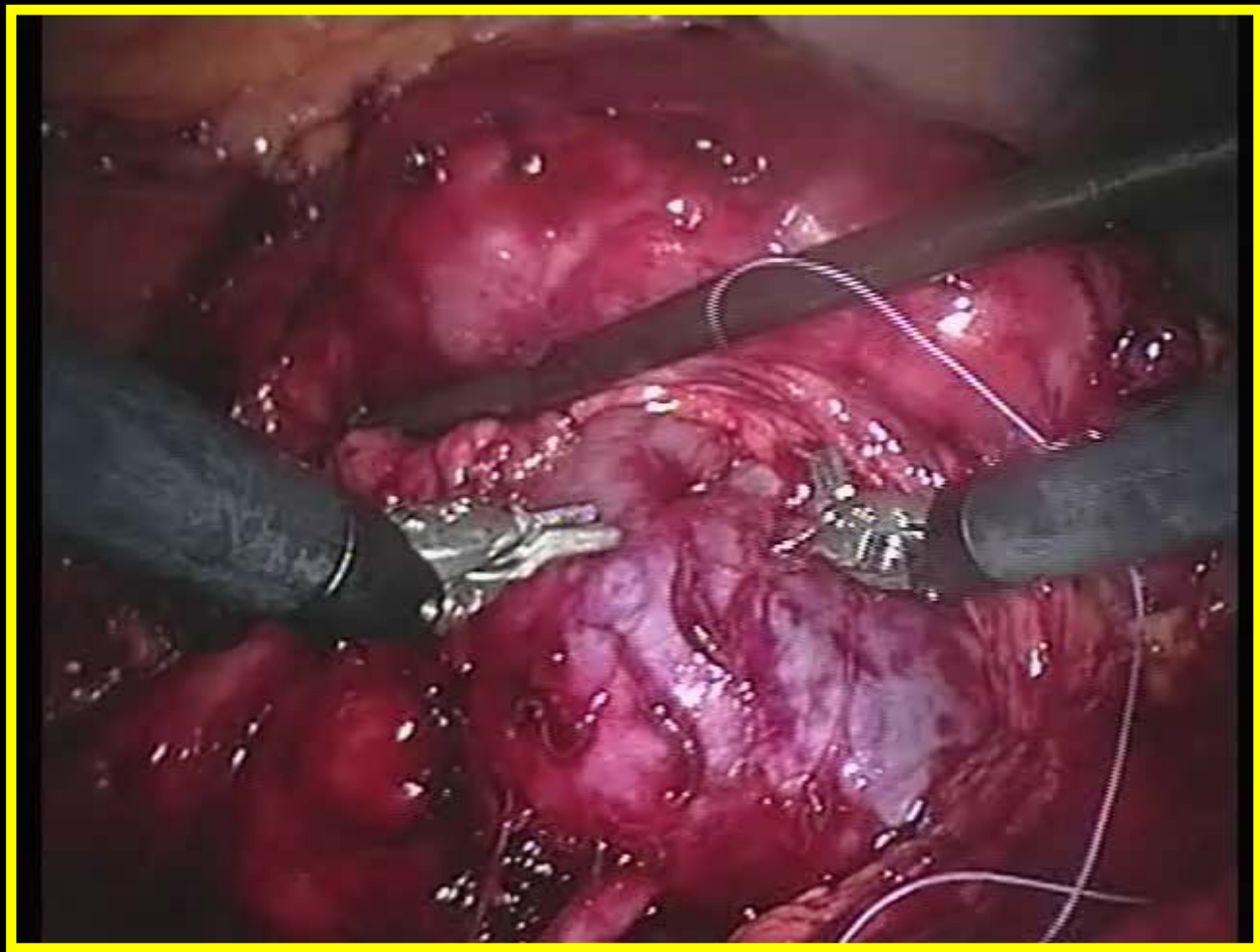


ROBOTİC PİYELOPLASTİ EVRELERİ:

Stay sutures

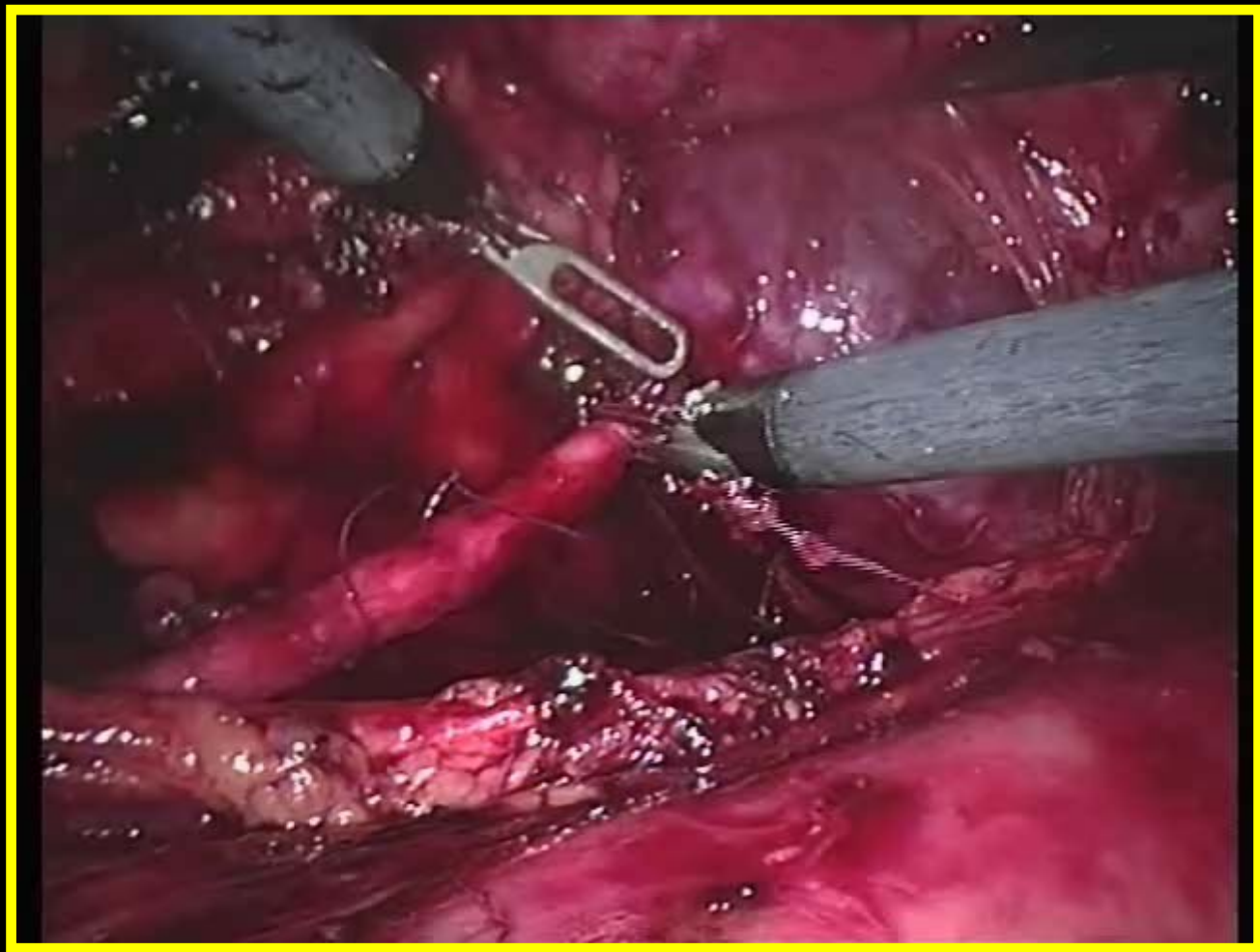
**(Orientasyon ve dokuların
manipülasyonu)**

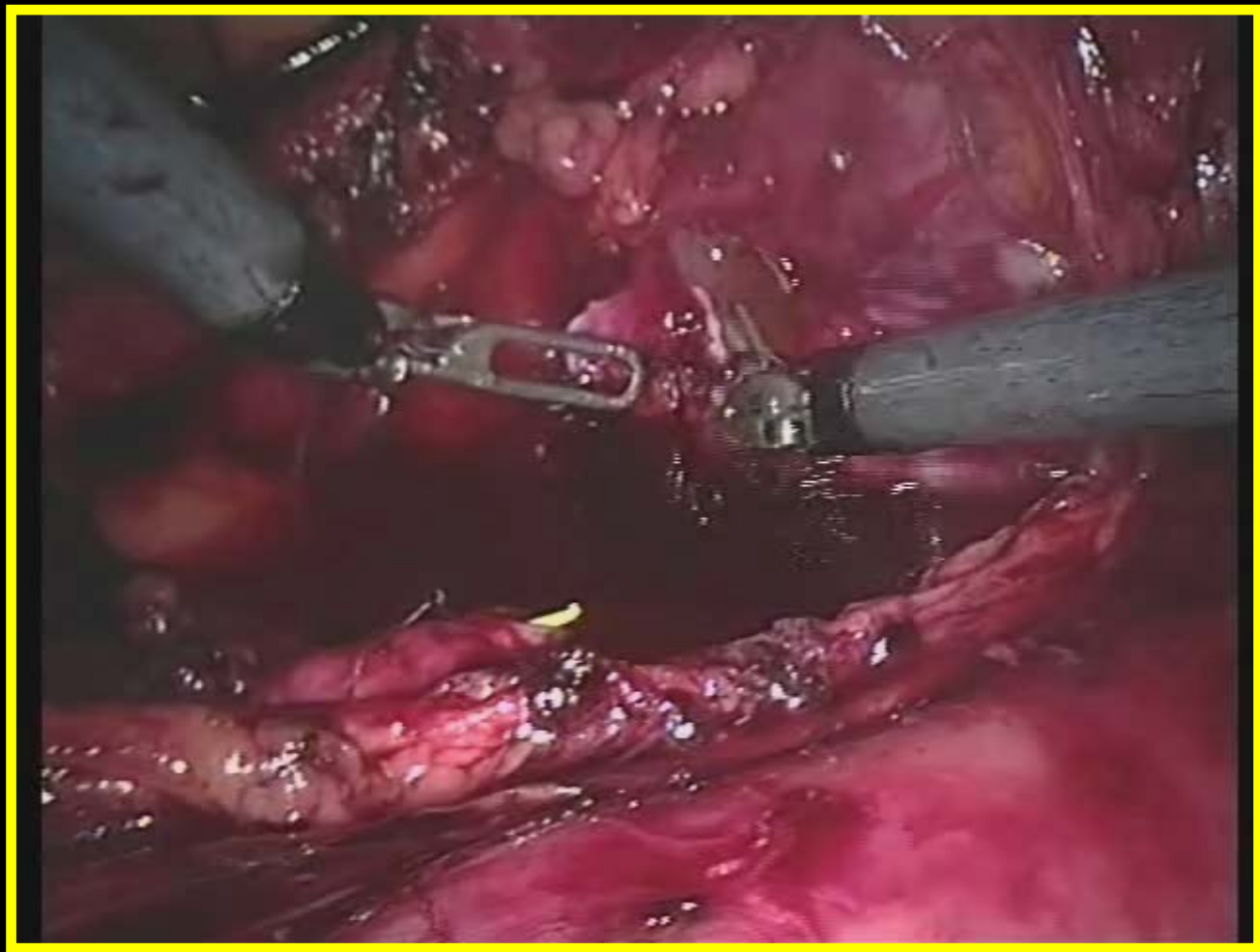




ROBOTİK PİYELOPLASTİ EVRELER

UPJ'nin Eksizyonu





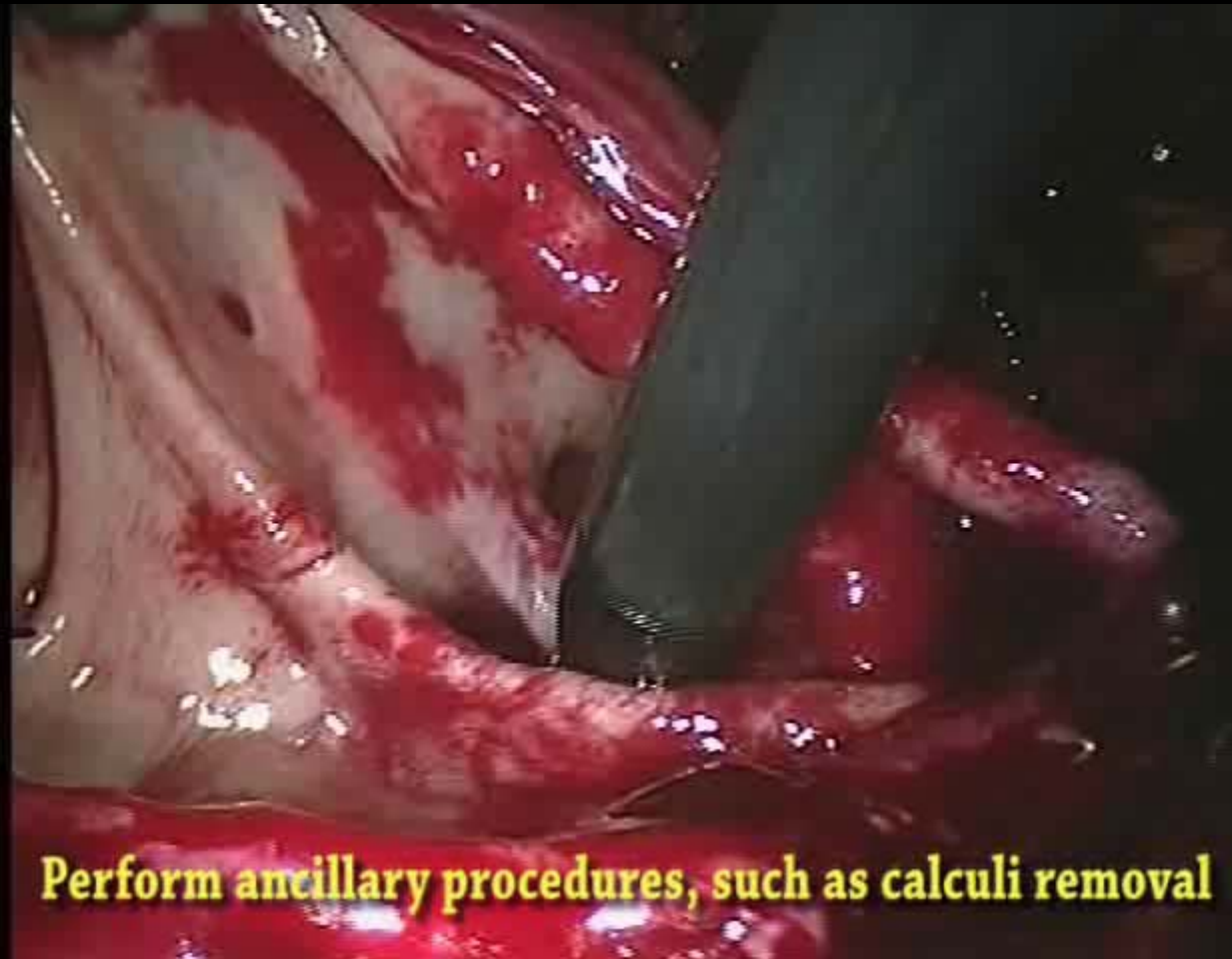


ROBOTİK PİYELOPLASTİ EVRELER

Renal Pelvis'in Eksizyonu



Redundant renal pelvis is then excised



Perform ancillary procedures, such as calculi removal

ROBOTİK PYELOPLASTİ EVRELER

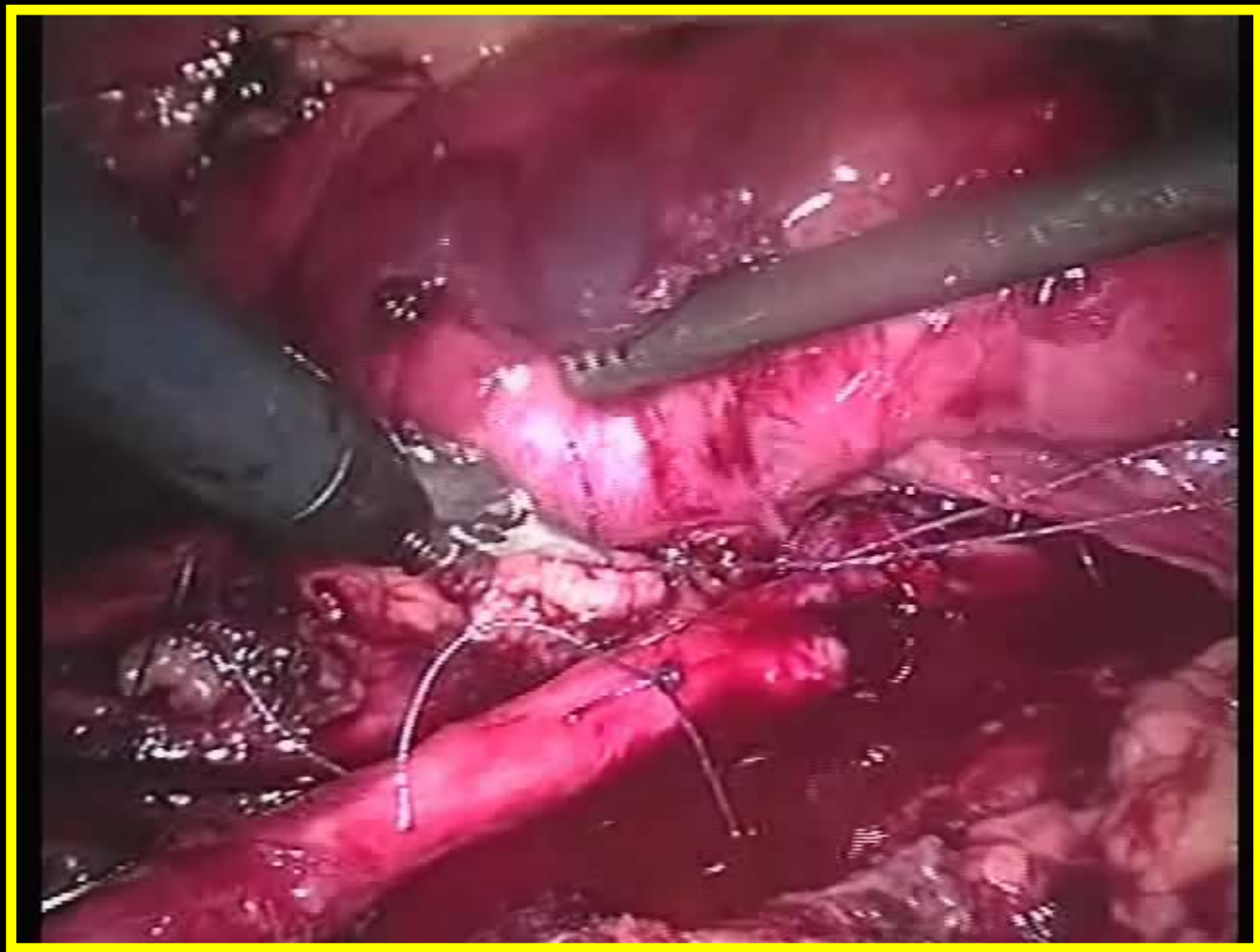
Renal pelvis'in kapatılması



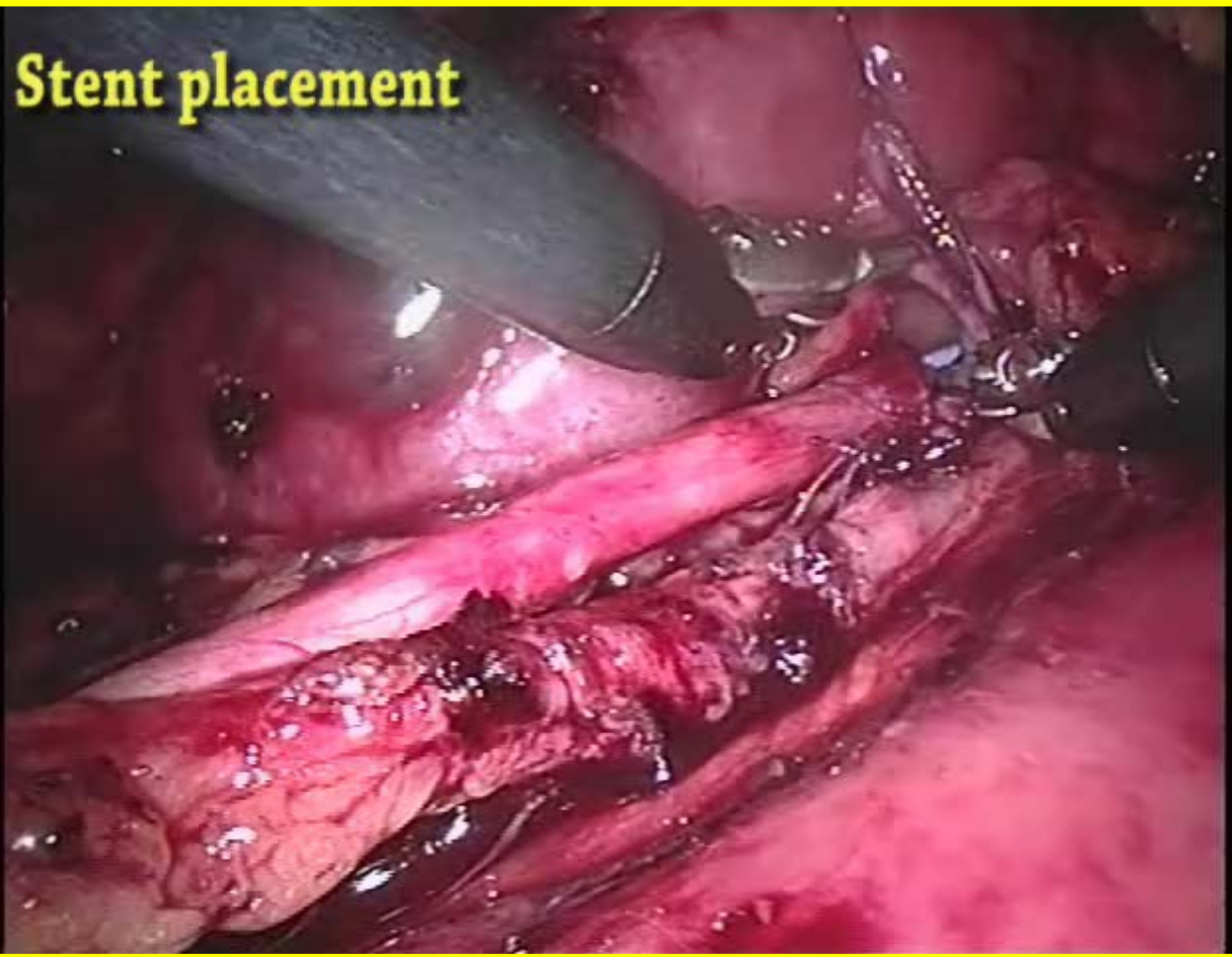
Renal pelvis closed, cephalad to caudad

ROBOTİK PYELOPLASTİ EVRELER

**Posterior anastomozun
tamamlanması**

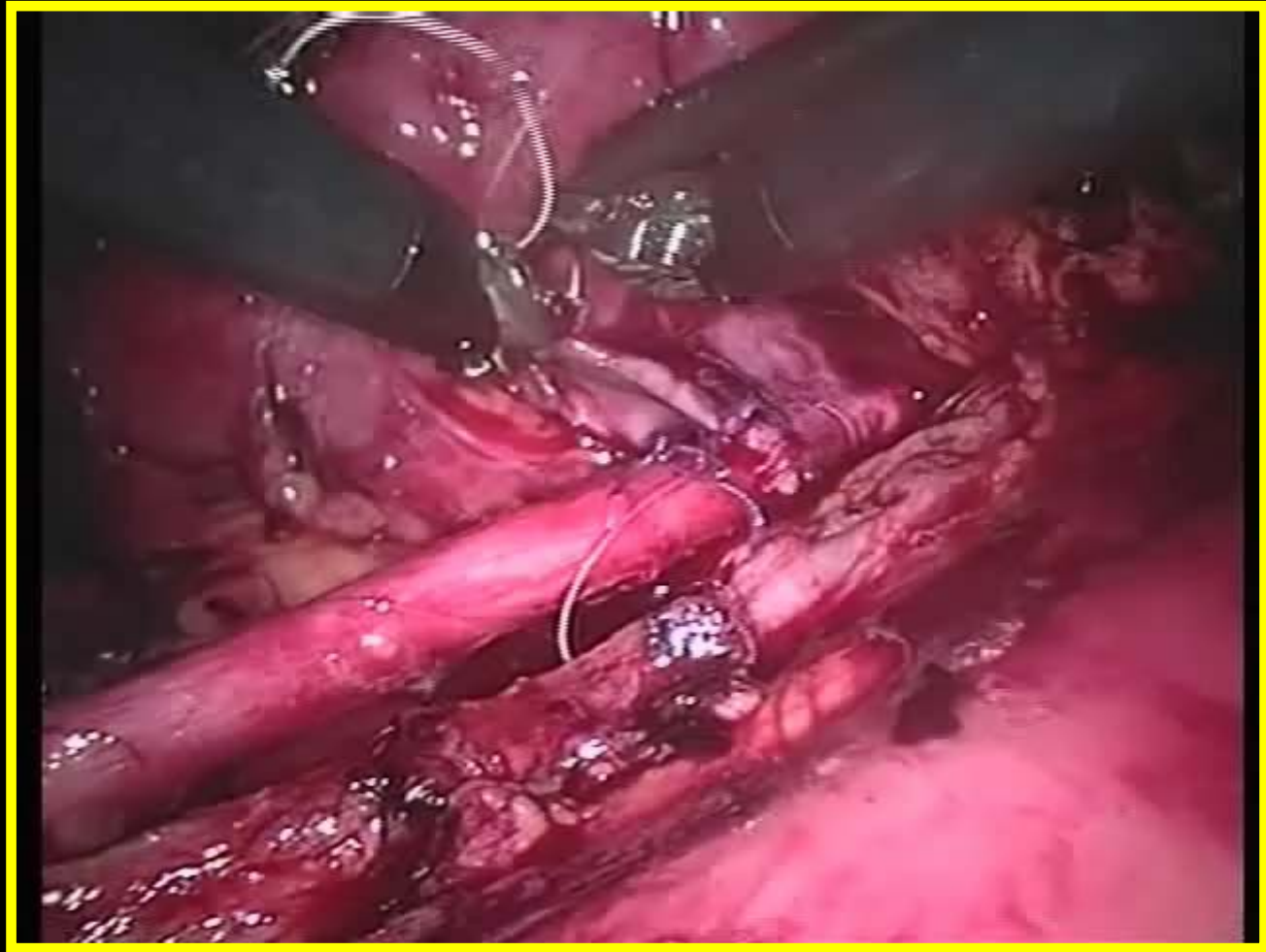


Stent placement



ROBOTİK PİYELOPLASTİ EVRELER

Anterior anastomoz son
olarak tamamlanır



- ✓ Robotik piyeloplasti UPJO tedavisinde ivme kazanmaktadır
- ✓ İtrakorporeal str atma kolaylıđı bu tekniđin yayılmasına yol amıřtır