

**Supplementary Table S3. Post-operative features and follow-up of patients with MRI**

Variables	n=518
Follow-up	
Duration of follow-up, months, Median (IQR)	14 (8-19)
Biochemical recurrence (BCR)at last follow-up	18 (3,5)
Of patients with BCR:	
- adjuvant radiotherapy ( in 4 cases concomitant ormonotherapy)	12 (42)
- salvage radiotherapy	2 (12)
- systemic ormonotherapy	4 (14)
Early (30-days) continence rate, n (%)	
- Fully continent, No pad/die	426 (82,3)
- 1 or more pads/die	92 (17,7)
Continence at last follow-up , n (%)	
- Fully continent, No pad/die	481 (93,05)
- 1 or more pads/die	37 (6,95)
Clavien Dindo (CD) > 2 within 30 days), n(%)	
- CD IIIa (6 cases requiring percutaneous drainage for symptomatic lymphocele, 5 cases 3 requiring endoscopic catheter positioning for mdc spread)	9 (2,1)
- CD IIIb ( 4 endoscopic urethrotomy for ureteral stricture )	4 (0,7)
- CD IV ( 1 case of post-operative cerebrovascular ischemia requiring neurovascular thrombolysis)	1 (0,1)
Clavien Dindo (CD) > 2 after 30 days), n (%)	
- CD IIIa ( 7 cases requiring percutaneous drainage for symptomatic lymphocele, 4 percutaneous drainage for abdominal abscessus,	11 (2,1)
- CD IIIb (8 endoscopic urethrotomy for endoscopic stricture,	8 (1,5)
- CD IV ( 1 case of acute abdomen for bowel strangulation )	1 (0,1)