

Supplement 1. The diagnostic value of (A) ^{18}F -PSMA PET/CT and (B) ^{68}Ga -PSMA PET/CT for detecting lymph-node metastatic disease, and (C) the size of PET/CT-detected and missed lymph node metastases after pelvic lymph node dissection.

(A) ^{18}F -PSMA PET/CT					
	pN1	pN0	Total	% (95% CI)	
cN1	15	8	21	65 (48-79)	PPV
cN0	6	94	102	94 (89-97)	NPV
Total	23	100	123	17	Prevalence
% (95% CI)	71 (48-89)	92 (85-97)			
	Sensitivity	Specificity			
(B) ^{68}Ga -PSMA PET/CT					
	pN1	pN0	Total	% (95% CI)	
cN1	15	10	25	60.0 (42-76)	PPV
cN0	32	108	140	77 (73-81)	NPV
Total	47	118	165	29	Prevalence
% (95% CI)	32 (19-47)	92 (85-96)			
	Sensitivity	Specificity			
(C)					
	^{18}F -PSMA PET/CT (N=48)	^{68}Ga -PSMA PET/CT (N=107)			
Median size missed metastases (IQR) (mm)	1.8 (1.0-4.8)	2.1 (1.0-3.75)			
Median size detected metastases (IQR) (mm)	6.0 (2.9-7.8)	3.0 (4.0-7.0)			
p-value	p=0.003	p<0.0001			
CI= Confidence interval; IQR = Interquartile range; PET =Positron Emission Tomography; MRI = Magnetic Resonance imaging; PPV= Positive predictive value; NPV= Negative predictive value					