

TABLES:**Table 1 (supplemental): Demographics and tumor histology**

	Numbers	%
Patients	33	
Age, median and range at diagnosis (years, range)	56 (28-81)	
Weight (kg, range)	68 (45-123)	
Prior Therapy:		
Pelvic radiation therapy	32	96.9
Chemo therapy	23	69.7
Indication for Surgery		
- Persistent disease	10	30.3
- Recurrent disease	23	69.7
Pelvic surgery:		
- Total exenteration	21	63.6
- Anterior exenteration	10	30.3
- Posterior exenteration	2	6.1
Primary tumor site:		
Cervical cancer histology:	18	
• Squamous cell carcinoma	6	33.3
• Adenocarcinoma	10	55.6
• Adenosquamous	1	5.6
• Small cell cancer (neuroendocrine)	1	5.6
Uterine cancer histology:	8	
• Endometrioid carcinoma	3	37.5
• Adenocarcinoma	3	37.5
• Adenosarcoma	1	12.5
• Malignant myoepithelioma	1	12.5
Vaginal and vulvar cancer histology:	7	
• Squamous cell carcinoma	6	85.7
• Adenocarcinoma	1	14.3

Table 3 (supplemental): FDG uptake metrics for both readers:

FDG uptake metrics	Median	Mean	SD	Range
R1 SUV_{max}	6.9	10.4	14.8	2.5-89
R1 MTV (mL)	10.1	16.5	16.1	1.3-62.2
R1 TLG (g)	46	192.7	608	3.3-3520
R2 SUV_{max}	6.9	10.2	14.9	0-89.2
R2 MTV (mL)	10.1	17.8	18.5	0-71.3
R2 TLG (g)	42.8	201.1	610	0-3520