

**Supplemental table 1.** Patient characteristics stratified for disease setting

<i>Patient characteristics</i>	<i>Primary PCa</i>	<i>Recurrent PCa</i>	<i>mCRPC</i>
<i>N (% of total)</i>	81/116 (70.0%)	25/116 (22.0%)	10/116 (8.0%)
<i>Age (median + range, in yrs.)</i>	67.0 (49.0-77.0)	70.0 (51.0-84.0)	72.5 (61.0-79.0)
<i>Weight (Kg)</i>	84.0 (65.0-122.0)	82.0 (50.0-115.0)	83.5 (68.0-94.0)
<i>Height (cm)</i>	181.0 (155.0-194.0)	178.0 (167.0-198.0)	177.5 (168.0-185.0)
<i>PSA (ng/mL)</i>	11.1 (1.2-99.0)	5.0 (0.5-120.0)	7.7 (0.5-2790.0)
<i>Gleason score (cum)</i>	7 (6-9)	8 (6-9)	8 (6-9)
<i>Treatment prior to PET/CT (N + % of total)</i>	0/81 (0.0%)	25/25 (100.0%)	10/10 (100.0%)
<i>RALP (N + % of total)</i>	-	14/25 (56.0%)	0/10 (0.0%)
<i>Chemotherapy and ADT (N + % of total)</i>			
	ADT	0/25 (0.0%)	7/10 (70.0%)
	ADT + chemotherapy	3/25 (12.0%)	3/10 (30.0%)
<i>Radiotherapy (N + % of total)</i>	-	8/25 (32.0%)	0/10 (0.0%)

% of total = percentage of total patients; yrs = years; Kg = Kilograms; cm = centimeters; ng/mL = nanogram per milliliter; cum = cumulative; RALP = Robot Assisted Laparoscopic Prostatectomy; ADT = Androgen Deprivation Therapy