



SUPPLEMENTAL FIGURE 1. Study design. Comparison of in vitro/in vivo radiotracer concentrations in ^{177}Lu -PSMA treated patients.

SUPPLEMENTAL TABLE 1
Patient Population Demographics

Patient	Age (y)	Weight (kg)	Height (cm)	No. of cycles	No. of scans
1	71	70	170	1	1
2	88	60	165	2	5
3	70	73	173	1	3
4	81	103	172	3	7
5	68	76	172	2	6
6	77	70	173	2	5
7	76	90	171	1	1
Average:	76	77	171		
SD:*	7	14	3		
Total:				12	28

*SD: Standard deviation

SUPPLEMENTAL TABLE 2
SPECT/CT Study Parameters

Study number	Patient number	Injected dose (GBq)	Uptake duration (h)
1	1	6.29	6.1
2	2	6.22	5.7
3	2	6.21	24.8
4	2	6.18	50.6
5	2	3.93	5.5
6	2	3.91	25.0
7	3	6.07	6.0
8	3	6.06	24.7
9	3	6.02	72.5
10	4	5.84	5.6
11	4	5.81	24.1
12	4	5.72	72.1
13	4	6.11	5.6
14	4	6.09	24.7
15	4	6.04	72.6
16	4	5.55	5.1
17	5	6.01	6.7
18	5	5.98	25.1
19	5	5.90	73.3
20	5	5.51	6.8
21	5	5.47	26.2
22	5	5.39	73.6
23	6	5.74	6.5
24	6	5.72	24.8
25	6	5.70	48.5
26	6	4.75	6.2
27	6	4.73	24.9
28	7	6.70	6.2
Average:		5.70	
SD:*		0.64	

*SD: Standard deviation