

Yttrium-90-labeled anti-CD45 antibody followed by a reduced-intensity hematopoietic cell transplantation for patients with relapsed/refractory leukemia or myelodysplasia

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SUPPLEMENTARY DATA for

Yttrium-90-labeled Anti-CD45 Antibody followed by a Reduced-Intensity Hematopoietic Cell Transplantation for Patients with Relapsed/Refractory Leukemia or Myelodysplasia

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SUPPLEMENTAL ITEM: 1 SUPPLEMENTARY TABLE

Supplementary Table. ⁹⁰Y organ absorbed doses per unit administered activity among patients who received a therapeutic dose of ⁹⁰Y-DOTA-BC8.

Dose level (targeted dose*, Gy)	Dose level	Patient number	Absorbed Dose per Administered Activity (cGy/mCi)					
			Liver	Marrow	Spleen	Lung	Kidney	Total body
1 (6)	1	1	25	10.85	110	0.343	8.51	1.89
2 (8)	2	2	31	19.75	104	0.142	8.36	2.08
3 (10)	3	3	31.4	19.85	103	0	0	1.82
4 (12)	4	4	21.5	1.14	80.8	0.824	0.824	1.79
5 (14)	5	5	36.8	26.55	188	1.25	1.25	3.74
6 (16)	6	6	29.7	11.6	0 [†]	0.623	5.23	1.9
6 (16)	6	7	25.5	12.65	98	0.621	11.2	1.93
7 (18)	7	8	13.9	10.3	51.2	0	0	2.28
8 (20)	8	9	27.3	10.32	112	0.369	12.9	1.42
9 (22)	9	10	15.8	27.6	102	0.233	3.97	2.99
10 (24)	10	11	20.7	12.05	88	0	0	1.86
10 (24)	10	12	15.6	11.05	56.5	0	4.29	2.34
11 (26)	11	13	31.7	20.4	0 [†]	68.3	12.1	1.55
12 (28)	12	14	26.9	15.7	119	0	0	2.14
13 (30)	13	15	27.3	9.18	129	0.59	16.2	2.48

*Targeted radiation dose to normal organ receiving highest dose (liver).

[†]Patients with splenectomy.