

Table S1 All collected parameters among those receiving palliative WBRT by continent

Parameters	North America		Europe		Asia		Africa		Cumulative	
	N	%	N	%	N	%	N	%	N	%
Total RT scripts	6,272		19,248		2,225		2,198		29,943	
Total WBRT scripts	138	2.2	237	1.2	72	3.2	15	0.7	462	1.5
Primary site										
Lung	68	49.3	87	36.7	38	52.8	0	0.0	193	41.8
Breast	31	22.5	77	32.5	9	12.5	14	93.3	131	28.4
GI	5	3.6	18	7.6	11	15.3	0	0.0	34	7.4
GU	4	2.9	17	7.2	0	0.0	1	6.7	22	4.8
Lymphoma	5	3.6	10	4.2	7	9.7	0	0.0	22	4.8
Melanoma	13	9.4	8	3.4	0	0.0	0	0.0	21	4.5
GYN	2	1.4	6	2.5	2	2.8	0	0.0	10	2.2
Unknown primary	3	2.2	4	1.7	1	1.4	0	0.0	8	1.7
CNS	2	1.4	3	1.3	0	0.0	0	0.0	5	1.1
Liver	0	0.0	0	0.0	3	4.2	0	0.0	3	0.6
Pancreas	2	1.4	1	0.4	0	0.0	0	0.0	3	0.6
Thyroid	0	0.0	2	0.8	1	1.4	0	0.0	3	0.6
Sarcoma	2	1.4	2	0.8	0	0.0	0	0.0	4	0.9
Head/neck	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
Leukemia	1	0.7	1	0.4	0	0.0	0	0.0	2	0.4
All dose regimens (cGy/fx)										
3,000/10	122	88.4	79	33.3	6	8.3	1	6.7	208	45.0
2,000/5	6	4.3	121	51.1	60	83.3	14	93.3	201	43.5
3,600/18 (900 cGy SIB)	0	0.0	15	6.3	0	0.0	0	0.0	15	3.2
2,500/10	5	3.6	2	0.8	0	0.0	0	0.0	7	1.5
3,000/15	0	0.0	4	1.7	0	0.0	0	0.0	4	0.9
2,000/10	0	0.0	3	1.3	0	0.0	0	0.0	3	0.6
1,000/5	0	0.0	0	0.0	2	2.8	0	0.0	2	0.4
4,000/20	0	0.0	2	0.8	0	0.0	0	0.0	2	0.4
1,200/2	0	0.0	2	0.8	0	0.0	0	0.0	2	0.4
3,000/5	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
2,400/12	1	0.7	0	0.0	0	0.0	0	0.0	1	0.2
2,340/13	1	0.7	0	0.0	0	0.0	0	0.0	1	0.2
2,340/14	1	0.7	0	0.0	0	0.0	0	0.0	1	0.2
2,160/12	1	0.7	0	0.0	0	0.0	0	0.0	1	0.2
3,500/18	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
1,500/10	0	0.0	0	0.0	1	1.4	0	0.0	1	0.2
1,500/5	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
1,750/5	0	0.0	0	0.0	1	1.4	0	0.0	1	0.2
1,800/20	0	0.0	0	0.0	1	1.4	0	0.0	1	0.2
3,500/20	0	0.0	0	0.0	1	1.4	0	0.0	1	0.2
1,800/10	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
3,750/15 (750 cGy SIB)	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
2,800/14 (700 cGy SIB)	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
3,000/12 (600 cGy SIB)	1	0.7	1	0.4	0	0.0	0	0.0	2	0.4
3,000/13 (900 cGy SIB)	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
3,500/14 (700 cGy SIB)	0	0.0	1	0.4	0	0.0	0	0.0	1	0.2
Neurocognitive sparing technique										
Prior SRS	19	13.8	13	5.5	0	0.0	0	0.0	32	6.9
No HA (total)	105	76.1	221	93.2	72	100.0	15	100.0	413	89.4
HA (total)	33	23.9	11	4.6	0	0.0	0	0.0	44	9.5
Memantine (total)	35	25.4	4	1.7	54	75.0	0	0.0	93	20.1
HA + memantine	18	13.0	3	1.3	0	0.0	0	0.0	21	4.5
HA alone	15	10.9	8	3.4	0	0.0	0	0.0	23	5.0
Memantine alone	17	12.3	1	0.4	54	75.0	0	0.0	72	15.6

All collected parameters: i.e., radiation prescription number, primary cancer, fractionation regimens, and neurocognitive sparing techniques. WBRT, whole brain radiation therapy; RT, radiation therapy; GI, gastrointestinal; GU, genitourinary; GYN, gynecologic; fx, fractions; SIB, simultaneous integrated boost; SRS, stereotactic radiosurgery; HA, hippocampal avoidance.