

Table 1. Ewing Sarcoma Patient Baseline and Treatment Characteristics Stratified by Race

	Total	White	Black	Asian	Latinx/Hispanic	p-value
n	4139	3361	140	154	484	
%		81.2%	3.4%	3.7%	11.7%	
Age^	21.7 (14.6)	22.3 (15.0)	22.4 (14.4)	20.1 (12.9)	17.7 (10.6)	< 0.001
Female	1577 (38.1%)	1318 (39.2%)	52 (37.1%)	49 (31.8%)	158 (32.6%)	0.015
<u>Charlson-Deyo</u> <u>Comorbidity</u> <u>Score ≥ 2</u>	51 (1.2%)	44 (1.3%)	3 (2.1%)	1 (0.6%)	3 (0.6%)	0.415
Education above median	2061 (54.4%)	1837 (60.0%)	31 (24.2%)	71 (49.3%)	122 (27.1%)	< 0.001
Income above median	2343 (62.0%)	1969 (64.3%)	39 (30.5%)	102 (70.8%)	233 (51.9%)	< 0.001
Distance Crowfly*	68.0 (195.5)	70.8 (196.6)	34.0 (52.4)	104.7 (371.2)	46.7 (113.2)	< 0.001
<u>Insurance</u>						< 0.001
Insured	2839 (68.6%)	2482 (73.8%)	61 (43.6%)	83 (53.9%)	213 (44.0%)	
Uninsured	305 (7.4%)	202 (6.0%)	18 (12.9%)	12 (7.8%)	73 (15.1%)	
Medicaid	859 (20.8%)	565 (16.8%)	56 (40.0%)	58 (37.7%)	180 (37.2%)	
Medicare	136 (3.3%)	112 (3.3%)	5 (3.6%)	1 (0.6%)	18 (3.7%)	
<u>Tumor Size ≥ 8</u>	1224 (29.6%)	990 (29.5%)	32 (22.9%)	54 (35.1%)	148 (30.6%)	0.003
<u>Stage</u>						0.032
Stage 1	478 (16.0%)	387 (15.8%)	13 (14.1%)	18 (15.5%)	60 (17.6%)	
Stage 2	1282 (42.9%)	1086 (44.5%)	31 (33.7%)	46 (39.7%)	119 (35.0%)	
Stage 3	102 (3.4%)	77 (3.2%)	4 (4.3%)	4 (3.4%)	17 (5.0%)	
Stage 4	1128 (37.7%)	892 (36.5%)	44 (47.8%)	48 (41.4%)	144 (42.4%)	
<u>Tumor Grade</u>						0.002
Grade 1 (Well-Differentiat ed)	18 (0.4%)	14 (0.4%)	0 (0.0%)	0 (0.0%)	4 (0.8%)	
Grade 2 (Moderately Differentiated)	20 (0.5%)	16 (0.5%)	0 (0.0%)	0 (0.0%)	4 (0.8%)	
Grade 3 (Poorly Differentiated)	336 (8.1%)	284 (8.4%)	16 (11.4%)	9 (5.8%)	27 (5.6%)	
Grade 4 (Undifferentiated)	715 (17.3%)	613 (18.2%)	24 (17.1%)	24 (15.6%)	54 (11.2%)	
<u>Chemotherapy usage</u>						
Administered	3802 (91.9%)	3089 (91.9%)	125 (89.3%)	149 (96.8%)	439 (90.7%)	0.092
Days for diagnosis to chemotherapy (SD)	25.5 (30.6)	25.3 (30.5)	31.8 (37.1)	24.7 (25.7)	25.4 (30.6)	0.010
Recommended, but patient refused	19 (0.5%)	19 (0.6%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	
<u>Surgery</u>						

Surgery performed	2013 (48.6%)	1696 (50.5%)	52 (37.1%)	63 (40.9%)	202 (41.7%)	< 0.001
Surgery refused by pt	14 (0.3%)	11 (0.3%)	0 (0.0%)	0 (0.0%)	3 (0.6%)	
Days from diagnosis to surgery (SD)	97.2 (72.9)	98.2 (73.4)	94.9 (75.0)	85.1 (62.1)	93.1 (70.5)	0.605
Days of inpatient stay after surgery (SD)	5.2 (7.5)	4.9 (6.2)	6.3 (16.9)	9.0 (17.6)	6.2 (7.2)	0.017
<u>Type of Surgery</u>						0.001
Local Excision	370 (18.4%)	311 (18.3%)	13 (25.0%)	16 (25.4%)	30 (14.9%)	
Partial Resection	273 (13.6%)	224 (13.2%)	9 (17.3%)	9 (14.3%)	31 (15.3%)	
Radical Resection	1154 (57.3%)	979 (57.7%)	26 (50.0%)	37 (58.7%)	112 (55.4%)	
Limb Amputation	152 (7.6%)	130 (7.7%)	3 (5.8%)	1 (1.6%)	18 (8.9%)	
Major Amputation	64 (3.2%)	52 (3.1%)	1 (1.9%)	0 (0.0%)	11 (5.4%)	
<u>Pos Margin status</u>	310 (7.5%)	258 (7.7%)	15 (10.7%)	5 (3.2%)	32 (6.6%)	< 0.001

^ mean (SD) in years

*mean (SD) in miles