

Table 2. Osteosarcoma Patient Baseline and Treatment Characteristics Stratified by Race

	Total	White	Black	Asian	Latinx/Hispanic	p-value
n	7929	5048	1352	399	1130	
%		63.7%	17.1%	5.0%	14.3%	
<u>Age</u> [^]	30.6 (20.6)	32.7 (21.6)	28.6 (19.0)	27.8 (18.8)	24.8 (16.1)	< 0.001
<u>Female</u>	3479 (43.9%)	2191 (43.4%)	656 (48.5%)	178 (44.6%)	454 (40.2%)	< 0.001
<u>Charlson-Deyo Comorbidity Score ≥ 2</u>	145 (1.8%)	96 (1.9%)	29 (2.1%)	4 (1.0%)	16 (1.4%)	0.001
<u>Education above median</u>	3511 (48.4%)	2717 (59.3%)	351 (28.4%)	208 (56.7%)	235 (22.1%)	< 0.001
<u>Income above median</u>	4072 (56.3%)	2898 (63.3%)	445 (36.1%)	257 (70.0%)	472 (44.5%)	< 0.001
<u>Distance Crowfly*</u>	65.3 (162.2)	73.0 (168.3)	46.1 (129.0)	67.9 (233.5)	53.9 (136.0)	< 0.001
<u>Insurance</u>						< 0.001
Insured	4532 (57.2%)	3280 (65.0%)	609 (45.0%)	242 (60.7%)	401 (35.5%)	
Uninsured	942 (11.9%)	468 (9.3%)	185 (13.7%)	44 (11.0%)	245 (21.7%)	
Medicaid	1672 (21.1%)	728 (14.4%)	435 (32.2%)	91 (22.8%)	418 (37.0%)	
Medicare	783 (9.9%)	572 (11.3%)	123 (9.1%)	22 (5.5%)	66 (5.8%)	
<u>Tumor Size ≥ 5 cm</u>	4688 (83.4%)	2932 (81.8%)	812 (85.3%)	244 (87.5%)	700 (87.2%)	< 0.001
<u>Stage</u>						< 0.001
Stage 1	1536 (23.7%)	961 (23.4%)	287 (26.5%)	61 (17.9%)	227 (24.1%)	
Stage 2	3565 (55.1%)	2312 (56.3%)	565 (52.1%)	212 (62.2%)	476 (50.6%)	
Stage 3	170 (2.6%)	93 (2.3%)	42 (3.9%)	7 (2.1%)	28 (3.0%)	
Stage 4	1204 (18.6%)	743 (18.1%)	191 (17.6%)	61 (17.9%)	209 (22.2%)	
<u>Tumor Grade</u>						< 0.001
Grade 1 (Well-Differentiat ed)	395 (5.0%)	245 (4.9%)	94 (7.0%)	16 (4.0%)	40 (3.5%)	
Grade 2 (Moderately Differentiated)	459 (5.8%)	314 (6.2%)	68 (5.0%)	18 (4.5%)	59 (5.2%)	
Grade 3 (Poorly Differentiated)	2828 (35.7%)	1800 (35.7%)	502 (37.1%)	144 (36.1%)	382 (33.8%)	
Grade 4 (Undifferentiated)	2218 (28.0%)	1461 (28.9%)	321 (23.7%)	120 (30.1%)	316 (28.0%)	
<u>Chemotherapy usage</u>						< 0.001
Administered	6229 (78.6%)	3939 (78.0%)	1015 (75.1%)	334 (83.7%)	941 (83.3%)	
Days for diagnosis to chemotherapy (SD)	31.8 (39.2)	30.5 (35.0)	36.8 (47.4)	29.2 (31.2)	33.1 (47.4)	0.034

Recommended, but patient refused	95 (1.2%)	63 (1.2%)	23 (1.7%)	4 (1.0%)	5 (0.4%)	
<u>Surgery</u>						
Surgery performed	6414 (80.9%)	4118 (81.6%)	1069 (79.1%)	334 (83.7%)	893 (79.0%)	0.054
Surgery refused by pt	47 (0.6%)	24 (0.5%)	10 (0.7%)	2 (0.5%)	11 (1.0%)	
Days from diagnosis to surgery (SD)	84.5 (58.0)	81.1 (53.2)	89.7 (72.9)	87.1 (46.2)	92.8 (62.0)	< 0.001
Days of inpatient stay after surgery (SD)	6.7 (9.4)	6.5 (8.2)	7.5 (12.9)	6.8 (6.1)	7.0 (10.2)	0.024
<u>Type of Surgery</u>						0.002
Local Excision	547 (8.5%)	364 (8.8%)	87 (8.1%)	19 (5.7%)	77 (8.6%)	
Partial Resection	575 (9.0%)	362 (8.8%)	99 (9.3%)	28 (8.4%)	86 (9.6%)	
Radical Resection	4077 (63.6%)	2643 (64.2%)	677 (63.3%)	216 (64.7%)	541 (60.6%)	
Limb Amputation	954 (14.9%)	561 (13.6%)	173 (16.2%)	60 (18.0%)	160 (17.9%)	
Major Amputation	261 (4.1%)	188 (4.6%)	33 (3.1%)	11 (3.3%)	29 (3.2%)	
Pos Margin status	628 (7.9%)	410 (8.1%)	115 (8.5%)	21 (5.3%)	82 (7.3%)	0.001

^ mean (SD) in years

*mean (SD) in miles