

Appendix

TABLE E-1 Characteristics of Study Population and Hip Fracture Procedures, by Race/Ethnicity

	No. (%)*				
	White (N = 14,127)	Black (N = 687)	Hispanic (N = 1,667)	Asian (N = 1,309)	Overall (N = 17,790)
Demographics†					
Mean age (std. dev.) (yr)	81.5 (8.9)	80.7 (9.3)	80.5 (8.7)	80.5 (8.9)	81.3 (8.9)
Men	4,206 (29.8%)	246 (35.8%)	568 (34.1%)	335 (25.6%)	5,355 (30.1%)
Annual household income (U.S. dollars)‡					
<\$15,000	1,159 (8.2%)	93 (13.5%)	179 (10.7%)	113 (8.6%)	1,543 (8.7%)
\$15,000-\$24,999	1,078 (7.6%)	73 (10.6%)	168 (10.1%)	96 (7.4%)	1,416 (8.0%)
\$25,000-\$34,999	1,129 (8.0%)	72 (10.5%)	166 (9.9%)	98 (7.5%)	1,465 (8.2%)
\$35,000-\$49,999	1,725 (12.2%)	97 (14.1%)	237 (14.2%)	149 (11.4%)	2,208 (12.4%)
\$50,000-\$74,999	2,506 (17.8%)	124 (18.1%)	317 (19.0%)	228 (17.5%)	3,176 (17.9%)
\$75,000-\$99,999	1,865 (13.2%)	79 (11.5%)	207 (12.4%)	176 (13.5%)	2,327 (13.1%)
\$100,000-\$149,999	2,511 (17.8%)	91 (13.3%)	240 (14.4%)	248 (19.0%)	3,090 (17.4%)
\$150,000-\$199,999	1,100 (7.8%)	32 (4.7%)	87 (5.2%)	106 (8.1%)	1,325 (7.5%)
≥200,000	1,039 (7.4%)	25 (3.6%)	66 (4.0)	90 (6.9%)	1,220 (6.9%)
Educational attainment‡					
No high school	800 (5.7%)	80 (11.6%)	231 (13.9%)	94 (7.2%)	1,204 (6.8%)
Some high school	889 (6.3%)	72 (10.5%)	174 (10.5%)	84 (6.4%)	1,219 (6.9%)
High school graduate	3,136 (22.2%)	166 (24.2%)	419 (25.2%)	295 (22.6%)	4,016 (22.6%)
Some college	3,079 (21.8%)	146 (21.2%)	329 (19.8%)	250 (19.1%)	3,804 (21.4%)
Associate's degree	1,178 (8.3%)	53 (7.7%)	123 (7.4%)	111 (8.5%)	1,464 (8.2%)
Bachelor's degree	3,179 (22.5%)	112 (16.3%)	261 (15.7%)	303 (23.2%)	3,855 (21.7%)
Graduate/professional degree	1,860 (13.2%)	59 (8.7%)	128 (7.7%)	171 (13.1%)	2,218 (12.5%)
BMI					
<20 kg/m ²	2,463 (17.5%)	153 (22.5%)	247 (14.9%)	358 (27.6%)	3,221 (18.2%)
20-25 kg/m ²	5,971 (42.4%)	278 (40.8%)	610 (36.8%)	597 (46.1%)	7,456 (42.1%)
≥25 kg/m ²	5,652 (40.1%)	250 (36.7%)	801 (48.3%)	341 (26.3%)	7,044 (39.7%)
Medical comorbidities					
ASA classification					
1-2	3,533 (25.7%)	95 (14.3%)	447 (27.4%)	400 (33.0%)	4,475 (26.0%)
3-5	10,208 (74.3%)	570 (85.7%)	1,183 (72.6%)	812 (67.0%)	12,773 (74.1%)
Chronic pulmonary disease	3,731 (26.4%)	165 (24.0%)	311 (18.7%)	267 (20.4%)	4,474 (25.1%)
Renal insufficiency	4,092 (29.0%)	280 (40.8%)	561 (33.7%)	451 (34.5%)	5,384 (30.3%)
Liver disease	355 (2.5%)	31 (4.5%)	74 (4.4%)	61 (4.7%)	521 (2.9%)
Diabetes	3,934 (27.8%)	303 (44.1%)	787 (47.2%)	562 (42.9%)	5,586 (31.4%)
Alcohol abuse	733 (5.2%)	31 (4.5%)	63 (3.8%)	14 (1.1%)	841 (4.7%)
Procedure characteristics					
Type of procedure					
Fracture fixation	8,629 (61.1%)	412 (60.0%)	1,071 (64.2%)	853 (65.2%)	10,965 (61.6%)
Hemiarthroplasty	5,049 (35.7%)	256 (37.3%)	541 (32.5%)	412 (31.5%)	6,258 (35.2%)
Total hip arthroplasty	361 (2.6%)	15 (2.2%)	46 (2.8%)	36 (2.8%)	458 (2.6%)
Other	88 (0.6%)	4 (0.6%)	9 (0.5%)	8 (0.6%)	109 (0.6%)
Time from admission to surgery					
<24 hr	7,529 (58.9%)	341 (56.0%)	929 (60.5%)	749 (63.3%)	9,548 (59.2%)
24-48 hr	3,800 (29.7%)	182 (29.9%)	449 (29.2%)	329 (27.8%)	4,760 (29.5%)
>48 hr	1,463 (11.4%)	86 (14.1%)	158 (10.3%)	106 (9.0%)	1,813 (11.2%)
Type of anesthesia					
General	7,425 (56.5%)	378 (61.3%)	907 (58.2%)	624 (53.2%)	9,334 (56.6%)
Regional	5,327 (40.5%)	221 (35.8%)	606 (38.9%)	522 (44.5%)	6,676 (40.5%)
Mixed	386 (2.9%)	18 (2.9%)	46 (3.0%)	28 (2.4%)	478 (2.9%)
Weekend day of admission	3,944 (28.0%)	182 (26.6%)	473 (28.4%)	364 (27.9%)	4,963 (28.0%)

*Unless otherwise noted. †Data missing for the following variables: sex (n = 1; <0.1%), household income (n = 20; 0.1%), educational attainment (n = 10; <0.1%), ASA classification (n = 542; 3.0%), BMI (n = 69; 0.4%), time from admission to surgery (n = 1,669; 9.4%), type of anesthesia (n = 1,302; 7.3%), and admission day of the week (n = 61; 0.3%). ‡For annual household income and educational attainment, the number and percent represent an average estimated using the sum of the probability distribution.