

TABLE E-1 Relative Risks of Inpatient Through Ninety-Day Cumulative Mortality Following Intertrochanteric Hip Fracture Surgery According to Patient-Related Factors, Device, and Year\*

Factor	Relative Risk of Mortality†			
	Inpatient	30 Days	60 Days	90 Days
Age				
65 to 74 years	ref	ref	ref	ref
75 to 84 years	<b>1.38</b>	<b>1.59</b>	<b>1.55</b>	<b>1.54</b>
≥85 years	<b>2.25</b>	<b>2.69</b>	<b>2.67</b>	<b>2.61</b>
Sex				
Female	ref	ref	ref	ref
Male	<b>2.13</b>	<b>1.90</b>	<b>1.73</b>	<b>1.67</b>
Race				
White	ref	ref	ref	ref
Black	0.87	<b>0.75</b>	<b>0.81</b>	<b>0.85</b>
Other	<b>0.82</b>	<b>0.78</b>	<b>0.74</b>	<b>0.76</b>
Charlson score				
0	ref	ref	ref	ref
1	<b>1.15</b>	<b>1.34</b>	<b>1.36</b>	<b>1.35</b>
2	<b>1.43</b>	<b>1.57</b>	<b>1.56</b>	<b>1.56</b>
3+	<b>1.88</b>	<b>2.01</b>	<b>2.05</b>	<b>2.04</b>
Subtrochanteric fracture				
No	ref	ref	ref	ref
Yes	<b>1.20</b>	1.05	1.01	0.99
Nursing home-state Medicaid assistance				
Not from nursing home, no state assistance	ref	ref	ref	ref
From nursing home, no state assistance	<b>1.25</b>	<b>1.73</b>	<b>1.75</b>	<b>1.73</b>
Not from nursing home, has state assistance	1.06	<b>1.08</b>	<b>1.12</b>	<b>1.13</b>
From nursing home, has state assistance	<b>1.14</b>	<b>1.62</b>	<b>1.68</b>	<b>1.67</b>
Type of implant				
Intramedullary nail	1.06	1.01	<b>1.04</b>	<b>1.05</b>
Plate-with-screw	ref	ref	ref	ref
Year				
2000	0.94	<b>0.93</b>	<b>0.92</b>	<b>0.92</b>
2001	0.98	<b>0.95</b>	<b>0.95</b>	<b>0.96</b>
2002	ref	ref	ref	ref

\*Controlling for hospital and surgeon volume. Bold values indicate significance ( $p < 0.05$ ). †The unadjusted inpatient, thirty-day, sixty-day, and ninety-day mortality rates, based on 192,365 claims, were 2.91% (5596 of 192,365), 7.92% (15,232 of 192,365), 12.34% (23,733 of 192,365), and 15.19% (29,220 of 192,365), respectively.