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**Appendix Table** Outcomes following primary total hip arthroplasty performed for hip fractures by surgical approach in the unmatched cohort

	<b>Whole unmatched cohort (n=18,887; 100%)</b>	<b>Anterolateral approach (n=8,226; 43.6%)</b>	<b>Posterior approach (n=10,661; 56.4%)</b>	<b>Univariable regression analysis</b>
5 year implant survival rate free from all-causes (460 revisions)	97.2% (96.9-97.5)	97.3% (96.8-97.7)	97.1% (96.7-97.5)	SHR = 1.14 (0.95-1.37) p=0.164
5 year implant survival rate free from dislocation or subluxation (149 revisions)	99.1% (98.9-99.2)	99.1% (98.9-99.4)	99.0% (98.8-99.2)	SHR = 1.18 (0.85-1.63) p=0.326
5 year implant survival rate free from periprosthetic fracture (115 revisions)	99.3% (99.1-99.4)	99.3% (99.1-99.5)	99.2% (98.9-99.4)	SHR = 1.09 (0.75-1.58) p=0.649
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30 day patient survival (174 deaths)	99.1% (99.0-99.2)	98.9% (98.6-99.1)	99.3% (99.1-99.4)	HR = 0.66 (0.49-0.88) p = 0.005
1 year patient survival (1,153 deaths)	93.9% (93.5-94.2)	93.6% (93.1-94.2)	94.1% (93.6-94.5)	HR = 0.93 (0.83-1.04) p = 0.197
5 year patient survival (3,101 deaths)	77.2% (76.4-77.9)	77.0% (75.8-78.1)	77.3% (76.2-78.4)	HR = 0.98 (0.92-1.05) p = 0.629
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Intraoperative complications (286 complications)	1.5% (n=286)	1.9% (n=153)	1.3% (n=133)	OR = 0.67 (0.53-0.84) p = 0.001

HR = hazard ratio; OR = odds ratio; SHR = sub-hazard ratio

Numbers in brackets represent the 95% confidence intervals or the number of complications.

Hazard, odds, and sub-hazard ratios below 1 represent a reduced risk of the specified outcome in the posterior approach group.