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EFFECT OF SURGICAL APPROACH ON OUTCOMES FOLLOWING TOTAL HIP ARTHROPLASTY PERFORMED FOR DISPLACED INTRACAPSULAR HIP FRACTURES. AN ANALYSIS FROM THE NATIONAL JOINT REGISTRY FOR ENGLAND, WALES, NORTHERN IRELAND AND THE ISLE OF MAN

 $http:\!/\!/dx.doi.org/10.2106\!/JBJS.19.00195$

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Appendix Table Outcomes following primary total hip arthroplasty performed for hip

fractures by surgical approach in the unmatched cohort

, ,	Whole	Anterolateral	Posterior	Univariable
	unmatched	approach	approach	regression
	cohort	(n=8,226;	(n=10,661;	analysis
	(n=18,887;	43.6%)	56.4%)	
	100%)	10.0070)	2011,0)	
5 year implant	97.2%	97.3%	97.1%	SHR = 1.14
survival rate free	(96.9-97.5)	(96.8-97.7)	(96.7-97.5)	(0.95-1.37)
from all-causes			,	p=0.164
(460 revisions)				r
5 year implant	99.1%	99.1%	99.0%	SHR = 1.18
survival rate free	(98.9-99.2)	(98.9-99.4)	(98.8-99.2)	(0.85-1.63)
from dislocation or			,	p=0.326
subluxation				1
(149 revisions)				
5 year implant	99.3%	99.3%	99.2%	SHR = 1.09
survival rate free	(99.1-99.4)	(99.1-99.5)	(98.9-99.4)	(0.75-1.58)
from periprosthetic			,	p=0.649
fracture				1
(115 revisions)				
	•			1
30 day patient	99.1%	98.9%	99.3%	HR = 0.66
survival	(99.0-99.2)	(98.6-99.1)	(99.1-99.4)	(0.49 - 0.88)
(174 deaths)				p = 0.005
1 year patient	93.9%	93.6%	94.1%	HR = 0.93
survival	(93.5-94.2)	(93.1-94.2)	(93.6-94.5)	(0.83-1.04)
(1,153 deaths)				p = 0.197
5 year patient	77.2%	77.0%	77.3%	HR = 0.98
survival	(76.4-77.9)	(75.8-78.1)	(76.2-78.4)	(0.92-1.05)
(3,101 deaths)				p = 0.629
Intraoperative	1.5%	1.9%	1.3%	OR = 0.67
complications (286	(n=286)	(n=153)	(n=133)	(0.53-0.84)
complications)				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.