

**Supplementary Table 9: Hazard ratios for all outcomes post-discharge and within 28 days (readmission, death).** Results highlighted in bold are significant at the 95% level. The \* indicates hazard ratios that could not be reliably estimated because there were zero events for one or both of the provider types.

Operation	Hazard ratio (95% CI) for ISHP vs NHS hospital		
	Within specialty readmission	All cause readmission	Death
Wisdom tooth impacted	<b>0.53 (0.31,0.91)</b>	0.71 (0.51,1.00)	*
Wisdom tooth NEC	<b>0.51 (0.29,0.91)</b>	<b>0.73 (0.54,1.00)</b>	*
Cholecystectomy	<b>0.75 (0.67,0.85)</b>	<b>0.76 (0.69,0.84)</b>	1.30 (0.36,4.73)
Prostate resection	<b>0.59 (0.45,0.77)</b>	<b>0.63 (0.55,0.72)</b>	0.67 (0.23,1.97)
Hysterectomy	<b>0.59 (0.51,0.68)</b>	<b>0.66 (0.59,0.75)</b>	*
IH repair (prosthetics)	<b>0.48 (0.39,0.60)</b>	<b>0.58 (0.49,0.68)</b>	1.60 (0.33,7.76)
UH repair (prosthetics)	<b>0.38 (0.30,0.46)</b>	<b>0.43 (0.37,0.51)</b>	2.07 (0.36,12.05)
UH repair (sutures)	<b>0.41 (0.32,0.53)</b>	<b>0.49 (0.41,0.59)</b>	1.12 (0.16,7.96)
VH repair (prosthetics)	<b>0.38 (0.29,0.49)</b>	<b>0.40 (0.34,0.48)</b>	0.63 (0.12,3.42)
Lumbar decompression	<b>0.36 (0.28,0.46)</b>	<b>0.53 (0.45,0.62)</b>	1.96 (0.37,10.51)
THR (cemented)	<b>0.74 (0.61,0.88)</b>	<b>0.81 (0.72,0.92)</b>	0.90 (0.46,1.77)
THR (no cement)	<b>0.66 (0.54,0.81)</b>	<b>0.69 (0.62,0.77)</b>	1.80 (0.67,4.79)
THR (NEC)	<b>0.54 (0.35,0.83)</b>	<b>0.63 (0.49,0.80)</b>	2.08 (0.18,24.45)
TKR (cemented)	<b>0.49 (0.40,0.59)</b>	<b>0.72 (0.66,0.80)</b>	1.17 (0.53,2.58)
TKR (no cement)	<b>0.45 (0.33,0.62)</b>	<b>0.68 (0.57,0.81)</b>	1.47 (0.30,7.16)
TKR (NEC)	<b>0.49 (0.37,0.64)</b>	<b>0.70 (0.59,0.84)</b>	1.85 (0.88,3.86)
THR (cemented acetabulum)	<b>0.60 (0.37,0.99)</b>	<b>0.68 (0.51,0.91)</b>	2.95 (0.87,9.97)
THR (cemented femoral stem)	<b>0.51 (0.41,0.63)</b>	<b>0.71 (0.62,0.81)</b>	1.63 (0.75,3.53)