



## Supplementary Material

10.1302/2633-1462.37.BJO-2021-0213.R1

**Table i.** Mean (95% CI) costs (£) of health service use over 90 days for hip and knee patients adjusted for risk.

Variable	Group 1 (n = 471)	Group 2 (n = 476)	Group 3 (n = 134)
Total cost (95% CI)	5,918.91 (5,586.52 to 6,251.31)	6,219.95 (5,889.38 to 6,550.52)	6,735.78 (6,112.48 to 7,359.08)
Mean difference in total cost (95% CI)			
Group 1 vs Group 2	-301.04 (-748.20 to 146.13)		
Group 1 vs Group 3	-816.87 (-1,464.96 to 168.77)		
Group 2 vs Group 3	-515.83 (-1,267.77 to 236.11)		

**Table ii.** Mean (95% CI) costs (£) of health service use over 90 days for hip patients only, adjusted for risk.

Variable	Group 1 (n = 233)	Group 2 (n = 233)	Group 3 (n = 66)
Total cost (95% CI)	5,797.42 (5,189.02 to 6,405.82)	6,424.35 (5,816.04 to 7,032.67)	5,955.22 (4,811.97 to 7,098.47)
Mean difference in total cost (95% CI)			
Group 1 vs Group 2	-626.93 (-1,546.21 to 292.35)		
Group 1 vs Group 3	-157.80 (-678.77 to 363.17)		
Group 2 vs Group 3	469.14 (-486.16 to 1,424.43)		

\*One patient within this group had an extended length of stay on readmission of 138 days, with a total cost of £90,912.86.

**Table iii.** Mean (95% CI) costs (£) of health service use over 90 days for knee patients only, adjusted risk.

<b>Variable</b>	<b>Group 1 (n = 238)</b>	<b>Group 2 (n = 243)</b>	<b>Group 3 (n = 68)</b>
Total cost (95% CI)	6,018.16 (5,738.88 to 6,297.45)	6,029.79 (5,753.80 to 6,305.78)	7,541.45 (7,018.34 to 8,064.56)
<b>Mean difference in total cost (95% CI)</b>			
Group 1 vs Group 2	-11.63 (-286.06 to 262.81)		
Group 1 vs Group 3	-1,523.28 (-2,786.85 to 259.72)		
Group 2 vs Group 3	-1,511.66 (-2,739.55 to 283.77)		