

TABLE 55 Total mean costs and total mean QALYs for the medical management and surgery groups according to ITT and PP at 1 year for the complete case

	Treatment allocated (ITT)	PP at 1 year		
		Medical management	Surgery	Total
Total costs	Medical management	£1201.61	£3718.18	£1316.00
Total QALYs		3.5665	2.6076	3.5229
Number of patients		84	4	88
Total costs	Surgery	£989.06	£3525.38	£2981.89
Total QALYs		3.7016	3.7447	3.7354
Number of patients		18	66	84
Total costs	Total	£1164.10	£3536.40	£2129.57
Total QALYs		3.5904	3.6797	3.6268
Number of patients		102	70	172

Note: cells highlighted by shading refer to PP at 1 year groups considered for the incremental analysis.

TABLE 56 Health-related quality of life (EQ-5D) according to PP analysis

Completed questionnaires returned at each time point			Mean (SD) EQ-5D		Difference in mean EQ-5D (surgery – medical management) (95% CI) ^{b,c}
Surgery (n = 178 ^a)	Medical management (n = 179 ^a)	Follow-up	Surgery	Medical management	
108	162	Baseline	0.7184 (0.2394)	0.7266 (0.2553)	–0.0082 (–0.0691 to 0.0528)
108	143	3 months	0.8059 (0.2393)	0.6910 (0.3068)	0.1148 (0.0446 to 0.1851)
102	153	Year 1	0.7773 (0.2323)	0.7064 (0.2703)	0.0709 (0.0065 to 0.1353)
83	129	Year 2	0.7903 (0.2442)	0.7170 (0.3133)	0.0733 (–0.0068 to 0.1532)
89	127	Year 3	0.7897 (0.2521)	0.7563 (0.2492)	0.0336 (–0.0356 to 0.1018)
88	122	Year 4	0.7785 (0.2636)	0.7550 (0.2678)	0.0236 (–0.0498 to 0.0969)
87	110	Year 5	0.7771 (0.2812)	0.7654 (0.2782)	0.0117 (–0.0674 to 0.0908)

a n refers to number of patients originally randomised to each trial arm.

b CIs estimated using OLS regression.

c Unadjusted for baseline EQ-5D.

TABLE 57 Costs associated with resource use for PP analysis

Returned questionnaires in each year			Mean (SD) resource-use cost (£) according to PP at 1 year		Incremental mean cost (surgery–medical management) (95% CI ^a) (£)
Surgery	Medical management	Year	Surgery	Medical management	
104	154	1 ^b	3241.78 (1263.80)	361.28 (668.12)	2880.50 (2634.08 to 3126.91)
86	133	2	82.57 (373.46)	159.80 (366.76)	–77.23 (–177.98 to 23.51)
92	128	3	79.80 (349.15)	289.27 (913.00)	–209.47 (–406.78 to –12.15)
88	124	4	96.49 (368.53)	314.70 (1362.96)	–218.21 (–512.14 to 75.72)
90	112	5	43.17 (133.98)	233.60 (645.33)	–190.43 (–326.93 to –53.93)
Cost category					
Surgery in year 1			2780.73 (1756.83)	0 ^c	2780.73 (2704.69 to 2856.76)
Reflux-related hospital night admissions			403.07 (1305.30)	315.49 (833.69)	87.58 (–242.21 to 417.37)
Reflux-related hospital day admissions			159.78 (423.32)	231.64 (608.67)	–71.86 (–236.56 to 92.84)
Reflux-related GP visits			130.93 (940.68)	193.31 (465.70)	–62.37 (–176.00 to 51.26)
Medication			87.69 (217.69)	383.01 (525.63)	–295.32 (–424.17 to –166.47)
<p>a CIs estimated using OLS regression.</p> <p>b Refers to the patients who returned the final year 1 questionnaire.</p> <p>c By definition, none of the medical management patients in PP underwent surgery.</p>					