

TABLE 57 Summary of outcomes: quality of life

Study	Measures	Timing	Robotic	Laparoscopic	Open	Notes, e.g. validated measure or not
Guazzoni 2006 <sup>90</sup>	Postoperative pain, mean (SD)	Recovery room		1.88 (1.31)	1.92 (1.08)	RCT
		3 hours		1.92 (1.46)	2.75 (1.99)	Pain assessed with the use of a validated 10-point VAS for pain (0 = no pain, 10 = worst possible pain)
		Day 1		1.7 (1.45)	2.65 (1.44)	
		Day 2		1.61 (0.9)	1.96 (1.2)	
		Day 3		1.03 (0.82)	1.53 (1.13)	
Pain at discharge		Not reported	2/60 (3.3)			
Jacobsen 2007 <sup>130</sup>	I-PSS quality-of-life question (patient asked how he feels about tolerating his current level of urinary symptoms for the rest of his life: 0, mildly to 6, terrible), mean (SD)	Baseline		First half: 1.9 (1.8) ( <i>n</i> not reported); Second half: 1.4 (1.2) ( <i>n</i> not reported)	1.6 (1.6) ( <i>n</i> =172)	
		1 year		First half: 1.9 (1.4) ( <i>n</i> =29); Second half: 1.9 (1.2) ( <i>n</i> =28)	1.5 (1.4) ( <i>n</i> =148)	
Miller 2007 <sup>111</sup>	SF-12 v.2 Physical and Mental Health Survey Acute Form					Validated tool, scale not reported
	Mental component score, mean (SD)	Preoperatively 6 weeks	49.8 (6.2) 57.4 (4.3)	45.7 (9.8) 58.0 (4.7)		
	Physical component score, mean (SD)	Preoperatively 6 weeks	57.6 (2.4) 56.4 (1.7)	56.9 (6.0) 52.8 (4.7)		
Namiki 2005 <sup>135</sup>	SF-36 Physical function, mean (SD)	Baseline		88.9 (11.8)	88.9 (11.4)	
		1 month		84.0 (15.8)	85.5 (13.4)	
		3 months		88.7 (11.5)	88.7 (9.2)	
		6 months		89.2 (11.1)	87.4 (12.8)	
		12 months		87.8 (12.9)	89.5 (11.0)	
	Role limitation, physical, mean (SD)	Baseline		77.1 (27.2)	83.3 (23.3)	
		1 month		67.1 (29.9)	73.2 (29.7)	
		3 months		75.2 (25.3)	79.1 (23.6)	
		6 months		85.0 (18.7)	83.2 (23.4)	
	Bodily pain, mean (SD)	Baseline		82.0 (21.2)	84.6 (18.7)	
		1 month		74.5 (22.6)	71.2 (20.9)	
		3 months		82.3 (19.5)	80.9 (19.8)	
6 months			82.7 (21.9)	86.0 (16.8)		
		12 months		84.2 (17.9)	85.9 (17.1)	

continued

TABLE 57 Summary of outcomes: quality of life (continued)

Study	Measures	Timing	Robotic	Laparoscopic	Open	Notes, e.g. validated measure or not	
Namiki 2006 <sup>136</sup>	General health perception, mean (SD)	Baseline		60.3 (17.3)	60.9 (14.4)		
		1 month		54.9 (16.6)	57.3 (12.2)		
		3 months		61.3 (14.9)	61.6 (16.1)		
		6 months		59.8 (13.3)	64.0 (15.2)		
		12 months		61.0 (19.0)	64.5 (16.4)		
	Mental health, mean (SD)	Baseline		71.5 (16.4)	69.1 (20.9)		
		1 month		63.5 (13.2)	68.7 (17.8)		
		3 months		70.9 (18.7)	73.8 (20.4)		
		6 months		74.6 (16.1)	75.9 (21.8)		
		12 months		75.1 (18.6)	77.8 (18.6)		
	Role limitation, emotional, mean (SD)	Baseline		78.2 (26.4)	80.5 (22.9)		
		1 month		66.7 (27.9)	72.2 (26.9)		
		3 months		76.1 (27.0)	77.9 (24.0)		
		6 months		82.3 (21.6)	84.3 (20.4)		
		12 months		83.1 (22.3)	86.6 (22.3)		
	Social function, emotional, mean (SD)	Baseline		77.3 (22.3)	80.9 (23.1)		
		1 month		60.6 (28.1)	76.6 (25.2)		
		3 months		74.7 (22.7)	81.5 (22.3)		
		6 months		79.2 (25.2)	85.6 (19.6)		
		12 months		84.3 (19.6)	88.3 (19.9)		
	Vitality, mean (SD)	Baseline		68.0 (17.0)	68.7 (19.3)		
		1 month		61.5 (17.6)	63.3 (16.2)		
		3 months		67.0 (18.3)	71.3 (22.4)		
		6 months		72.3 (13.8)	71.5 (17.4)		
		12 months		70.7 (14.6)	72.4 (19.0)		
	SF-36	Physical function, mean (SD)	Baseline		90.5 (10.6)	86.9 (11.8)	86.6 (14.0)
			1 month		89.6 (8.3)	83.8 (16.8)	84.3 (12.6)
		Role limitation, physical, mean (SD)	3 months		91.2 (8.5)	85.7 (15.6)	84.2 (13.7)
			6 months		90.5 (9.3)	88.2 (16.7)	82.6 (12.9)
			12 months		89.1 (9.0)	87.0 (13.4)	86.0 (14.0)
			Baseline		83.4 (16.1)	83.1 (22.7)	80.8 (24.3)
		Bodily pain, mean (SD)	1 month		67.7 (25.3)	61.8 (25.0)	66.1 (23.2)
			3 months		77.4 (22.6)	74.9 (23.6)	72.7 (31.4)
			6 months		83.9(19.6)	80.6 (21.8)	80.1 (26.2)
			12 months		82.3 (24.4)	83.2 (20.3)	75.4 (27.1)
		General health perception, mean (SD)	Baseline		87.9 (16.5)	85.2 (20.1)	80.7 (22.5)
1 month				66.1 (22.3)	66.1 (23.0)	74.5 (23.2)	
3 months				87.4 (15.2)	77.2 (20.7)	77.0 (25.9)	
6 months				88.8 (16.6)	84.1 (19.1)	82.3 (24.9)	
		12 months		88.9 (21.8)	86.6 (18.1)	75.8 (25.2)	
		Baseline		64.9 (14.7)	57.4 (16.3)	62.3 (16.3)	
		1 month		50.4 (14.5)	58.9 (16.5)	61.3 (15.9)	
		3 months		63.8 (16.4)	58.9 (16.2)	56.6 (17.1)	
		6 months		63.6 (14.6)	61.4 (16.3)	60.4 (18.2)	
		12 months		56.3 (14.5)	61.1 (17.0)	57.3 (20.2)	

**TABLE 57** Summary of outcomes: quality of life (*continued*)

Study	Measures	Timing	Robotic	Laparoscopic	Open	Notes, e.g. validated measure or not
	Mental health, mean (SD)	Baseline		68.9 (16.7)	68.9 (16.7)	72.3 (20.9)
		1 month		58.6 (20.3)	58.6 (20.3)	71.5 (25.4)
		3 months		75.7 (15.4)	75.7 (15.4)	66.1 (20.0)
		6 months		75.7 (15.2)	75.7 (15.2)	74.8 (18.1)
		12 months		71.7 (17.2)	71.7 (17.2)	72.5 (20.0)
	Role limitation, emotional, mean (SD)	Baseline		86.7 (16.9)	81.9 (22.6)	78.4 (25.5)
		1 month		70.6 (20.8)	65.4 (28.9)	66.7 (26.3)