

Table 1. Clinical and sosiodemographic details, and baseline values for men and women.

	Women N=36 Mean (SD)	Men N=13 Mean (SD)	P-value
Age, years	73 (11)	68 (12)	0.13
BMI	29.3 (5.9)	27.1 (3.2)	0.22
Preoperative symptom duration, months	36 (35)	47 (43)	0.37
Preoperative back pain, VAS	60 (24)	49 (26)	0.21
Preoperative lower extremity pain, VAS	62 (25)	53 (25)	0.25
ODI score	43 (13)	44 (13)	0.82
Diagnoses, n (%)			0.049
Degenerative spondylolisthesis	29 (81)	6 (49)	
Isthmic spondylolisthesis	2 (5)	7 (8)	
Spinal stenosis	5 (14)	6 (46)	
Duration of surgery (minutes)	154 (39)	158 (47)	0.80
Blood loss, ml	432 (355)	390 (228)	0.85
Preoperative			
Cortisol, nmol/L	491 (167)	506 (207)	0.80
ACTH, ng/L	18.0 (11.8)	31.8 (23.3)	0.015
IGF-1, nmol/L	13.0 (4.9)	10.7 (4.0)	0.13
GH, mIU/L	5.29 (7.38)	1.46 (2.73)	0.025
SHBG,nmol/L	66.7 (38.6)	36.1 (14.4)	<0.001
Testosterone, nmol/L	0.6 (0.4)	13.3 (5.7)	<0.001
IL-6, ng/L	2.68 (5.22)	1.93 (0.96)	0.92

P-values calculated using permutation test or fisher exact.