

1 **Table S1 - EORTC QLQ-C30 questionnaire scores over time according to**  
 2 **lymphadenectomy group**

Scale/Item		N	Mean	SD	P value
Global health status	SLN	112	74.25	±21.70	0.722
	SLN+LND	39	74.64	±18.27	
Global health status 1m	SLN	108	77.62	±16.65	0.109
	SLN+LND	39	72.64	±16.10	
Global health status 6m	SLN	100	77.83	±18.24	0.178
	SLN+LND	34	72.54	±23.43	
Global health_status 12m	SLN	100	82.33	±17.37	0.219
	SLN+LND	34	78.18	±15.49	
Physical functioning general	SLN	112	77.36	±16.39	0.558
	SLN+LND	39	79.09	±14.11	
Physical functioning_general 1m	SLN	108	78.34	±15.95	0.030
	SLN+LND	39	71.70	±16.82	
Physical functioning general 6m	SLN	100	82.26	±17.83	0.088
	SLN+LND	34	76.22	±17.14	
Physical functioning general 12m	SLN	100	85.03	±16.31	0.361
	SLN+LND	34	82.18	±13.52	
Physical functioning	SLN	112	83.98	±19.87	0.862
	SLN+LND	39	84.61	±17.71	
Physical functioning 1m	SLN	108	78.62	±19.25	0.412
	SLN+LND	39	76.61	±20.57	
Physical functioning 6m	SLN	100	86.26	±19.53	0.051
	SLN+LND	34	78.62	±19.67	
Physical functioning 12m	SLN	100	88.60	±17.01	0.036
	SLN+LND	34	81.37	±17.65	
Role functioning	SLN	112	86.60	±24.07	0.309
	SLN+LND	39	82.05	±23.68	
Role functioning 1m	SLN	108	79.01	±26.01	0.032
	SLN+LND	39	68.37	±26.98	
Role functioning 6m	SLN	100	80.83	±27.04	0.051
	SLN+LND	34	74.01	±28.48	
Role functioning 12m	SLN	100	83.16	±25.12	0.360
	SLN+LND	34	80.88	±20.56	
Emotional functioning	SLN	112	59.87	±27.61	0.304
	SLN+LND	39	65.09	±26.01	
Emotional functioning 1m	SLN	108	71.06	±23.91	0.157

	SLN+LND	39	64.52	±26.47	
Emotional functioning 6m	SLN	100	74.77	±25.44	0.880
	SLN+LND	34	74.01	±24.25	
Emotional functioning 12m	SLN	100	79.08	±25.38	0.987
	SLN+LND	34	79.00	±19.82	
Cognitive functioning	SLN	112	79.16	±25.65	0.981
	SLN+LND	39	79.05	±21.19	
Cognitive functioning 1m	SLN	108	87.03	±20.42	0.106
	SLN+LND	39	80.76	±21.12	
Cognitive functioning 6m	SLN	100	84.00	±21.95	0.254
	SLN+LND	34	78.92	±23.32	
Cognitive functioning 12m	SLN	100	84.66	±21.14	0.784
	SLN+LND	34	85.78	±18.41	
Social_functioning	SLN	112	84.82	±22.32	0.222
	SLN+LND	39	89.74	±19.35	
Social functioning 1m	SLN	108	83.48	±23.62	0.012
	SLN+LND	39	71.79	±27.07	
Social functioning 6m	SLN	100	86.83	±23.24	0.011
	SLN+LND	34	74.01	±29.92	
Social functioning 12m	SLN	100	90.16	±19.11	0.700
	SLN+LND	34	88.72	±17.75	
Symptom scales	SLN	112	13.85	±14.53	0.687
	SLN+LND	39	14.93	±14.10	
Symptom scales 1m	SLN	108	11.95	±12.41	0.012
	SLN+LND	39	18.13	±14.57	
Symptom scales 6m	SLN	100	11.69	±15.15	0.083
	SLN+LND	34	17.04	±16.12	
Symptom scales 12m	SLN	100	8.76	±9.88	0.124
	SLN+LND	34	11.91	±11.18	
Fatigue	SLN	112	17.80	±22.03	0.972
	SLN+LND	39	17.94	±19.68	
Fatigue 1m	SLN	108	19.44	±20.17	0.030
	SLN+LND	38	28.65	±27.29	
Fatigue 6m	SLN	100	16.66	±23.45	0.038
	SLN+LND	34	26.47	±23.69	
Fatigue 12m	SLN	100	11.66	±15.90	0.036
	SLN+LND	34	18.62	±18.29	
Nausea vomiting	SLN	112	4.46	±14.14	0.247
	SLN+LND	39	7.69	±17.03	
Nausea vomiting 1m	SLN	108	1.69	±6.42	0.056

	SLN+LND	39	5.12	±10.22	
Nausea vomiting 6m	SLN	100	4.50	±14.38	0.221
	SLN+LND	34	9.31	±20.99	
Nausea vomiting 12m	SLN	100	2.16	±8.42	0.050
	SLN+LND	34	8.33	±17.04	
Pain	SLN	112	19.94	±28.10	0.318
	SLN+LND	39	25.21	±28.83	
Pain 1m	SLN	108	19.90	±26.42	0.125
	SLN+LND	39	27.77	±29.69	
Pain 6m	SLN	100	15.83	±27.04	0.604
	SLN+LND	34	18.62	±26.51	
Pain 12m	SLN	100	15.50	±23.71	0.779
	SLN+LND	34	14.21	±20.56	
Dyspnoea	SLN	112	7.44	±18.82	0.854
	SLN+LND	39	6.83	±13.63	
Dyspnoea 1m	SLN	108	3.70	±13.92	0.826
	SLN+LND	39	4.27	±13.63	
Dyspnoea 6m	SLN	100	4.66	±14.99	0.347
	SLN+LND	34	7.84	±21.08	
Dyspnoea 12m	SLN	99	3.03	±10.74	0.698
	SLN+LND	34	3.92	±13.64	
Insomnia	SLN	112	29.46	±34.87	0.642
	SLN+LND	39	26.49	±32.87	
Insomnia 1m	SLN	108	22.53	±29.11	0.682
	SLN+LND	39	24.78	±30.31	
Insomnia 6m	SLN	99	23.23	±30.28	0.312
	SLN+LND	34	29.41	±31.53	
Insomnia 12m	SLN	98	18.36	±25.38	0.315
	SLN+LND	34	23.52	±26.62	
Appetite loss	SLN	111	8.40	±22.68	0.529
	SLN+LND	39	5.98	±12.95	
Appetite loss_1m	SLN	106	4.08	±15.73	0.541
	SLN+LND	39	5.98	±18.53	
Appetite loss_6m	SLN	100	4.66	±14.99	0.347
	SLN+LND	34	7.84	±21.80	
Appetite loss 12m	SLN	100	2.33	±8.54	0.143
	SLN+LND	34	5.88	±19.19	
Constipation	SLN	112	12.50	±23.72	0.651
	SLN+LND	39	14.52	±25.12	
Constipation 1m	SLN	108	5.55	±16.11	0.001

	SLN+LND	39	27.35	±34.93	
Constipation 6m	SLN	99	8.75	±22.63	0.109
	SLN+LND	34	16.66	±29.87	
Constipation 12m	SLN	99	8.41	±23.49	0.734
	SLN+LND	34	6.86	±21.36	
Diarrhoea	SLN	111	5.40	±17.13	0.815
	SLN+LND	38	6.14	±15.21	
Diarrhoea 1m	SLN	107	2.80	±15.26	0.971
	SLN+LND	37	2.70	±12.11	
Diarrhoea 6m	SLN	98	6.46	±17.68	0.292
	SLN+LND	34	11.76	±27.07	
Diarrhoea 12m	SLN	100	3.66	±12.44	0.198
	SLN+LND	35	7.61	±16.34	
Financial_difficulties	SLN	112	13.98	±28.17	0.951
	SLN+LND	39	13.67	±25.03	
Financial difficulties 1m	SLN	106	14.77	±27.63	0.651
	SLN+LND	39	17.09	±26.34	
Financial difficulties 6m	SLN	98	13.94	±33.13	0.847
	SLN+LND	34	12.74	±24.63	
Financial difficulties 12m	SLN	98	7.48	±18.86	0.647
	SLN+LND	34	5.88	±12.89	

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4 SLN: sentinel lymph node biopsy; LND: lymphadenectomy.