## 1 Table S2 - EORTC QLQ-Cx24 questionnaire scores over time according to

## 2 lymphadenectomy group

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SUN-LIND   39	Scale/Item		N	Mean	SD	P value
SIN+IND   39   18.13	Symptom scales					0.687
Symptom scales 6m         SLN         100         11.69         ±15.15         0.083           Symptom scales 12m         SLN         100         8.76         ±9.88         0.124           Symptom Experience         SLN         110         ±11.18         ±11.18           Symptom Experience         SLN         111         12.53         ±11.41         0.996           Symptom Experience 1m         SLN         108         7.14         ±8.10         0.096           Symptom Experience 6m         SLN         100         5.61         ±8.54         0.047           Symptom Experience 6m         SLN         100         5.61         ±8.54         0.047           Symptom Experience 12m         SLN         100         5.61         ±8.54         0.047           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Symptom Experience 12m         SLN         111         11.86         ±21.33         0.137           Body Image         SLN         111         11.86         ±21.33         0.137           Body Image 1m         SLN	Symptom scales 1m	SLN	108	11.95	±12.41	0.012
SIN+IND   34   17.04   ±16.12		SLN+LND	39	18.13	±14.57	
Symptom scales 12m	Symptom scales 6m	SLN	100	11.69	±15.15	0.083
SLN+LND   34   11.91   ±11.18		SLN+LND	34	17.04	±16.12	
Symptom Experience         SLN         111         12.53         ±11.41         0.996           SUN+LND         39         12.53         ±11.44         0.096           Symptom Experience 1m         SLN         108         7.14         ±8.10         0.096           Symptom Experience 6m         SLN         100         5.61         ±8.54         0.047           Symptom Experience 12m         SLN         100         5.61         ±8.42         0.174           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Symptom Experience 12m         SLN         111         11.86         ±21.33         0.137           Symptom Experience 12m         SLN         111         11.86         ±21.33         0.137           Body Image         SLN         110         39         6.55         ±10.10         0.966           Body Image         SLN         100         9.33         ±18.66         0.123           Body Image         12m <td>Symptom scales 12m</td> <td>SLN</td> <td>100</td> <td>8.76</td> <td>±9.88</td> <td>0.124</td>	Symptom scales 12m	SLN	100	8.76	±9.88	0.124
SUN-LND 39 12.53 ±11.44  Symptom Experience 1m SLN 108 7.14 ±8.10 0.096  SUN-LND 38 9.96 ±10.96  Symptom Experience 6m SLN 100 5.61 ±8.54 0.047  SLN+LND 34 9.38 ±11.85  Symptom Experience 12m SLN 99 5.81 ±8.42 0.174  SLN+LND 34 8.30 ±11.08  Body Image SLN 111 11.86 ±21.33 0.137  SLN+LND 39 6.55 ±10.10  Body Image 1m SLN 108 10.08 ±16.31 0.966  SLN+LND 38 9.94 ±21.26  Body Image 6m SLN 100 9.33 ±18.66 0.123  Body Image 6m SLN 100 9.33 ±18.66 0.123  Body Image 12m SLN 99 8.19 ±16.69 0.098  SLN+LND 34 13.72 ±16.81  Lymphoedema 12m SLN 107 7.16 ±15.20 0.989  Lymphoedema 1m SLN 107 7.16 ±15.20 0.989  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  Experipheral Neuropathy SLN 99 12.45 ±23.12 0.022  Everipheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	34	11.91	±11.18	
Symptom Experience 1m         SLN         108         7.14         ±8.10         0.096           SLN+LND         38         9.96         ±10.96         0.047           Symptom Experience 6m         SLN         100         5.61         ±8.54         0.047           SLN+LND         34         9.38         ±11.85         0.174           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           SLN+LND         34         8.30         ±11.08         11.08	Symptom Experience	SLN	111	12.53	±11.41	0.996
SLN+LND   38   9.96   ±10.96   ±10.96		SLN+LND	39	12.53	±11.44	
Symptom Experience 6m         SLN         100         5.61         ±8.54         0.047           SUN+LND         34         9.38         ±11.85           Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           SLN+LND         34         8.30         ±11.08         110.08         ±11.08         111.08           Body Image         SLN         111         11.86         ±21.33         0.137           Body Image 1m         SLN         108         10.08         ±16.31         0.966           SLN+LND         38         9.94         ±21.26         10.06	Symptom Experience 1m	SLN	108	7.14	±8.10	0.096
SUN-LND   34   9.38   ±11.85		SLN+LND	38	9.96	±10.96	
Symptom Experience 12m         SLN         99         5.81         ±8.42         0.174           Body Image         SLN 111         11.86         ±21.33         0.137           Body Image 1m         SLN 108         10.08         ±16.31         0.966           Body Image 1m         SLN 108         10.08         ±16.31         0.966           Body Image 6m         SLN 100         9.33         ±18.66         0.123           Body Image 12m         SLN 100         9.33         ±16.69         0.098           Body Image 12m         SLN 99         8.19         ±16.69         0.098           Lymphoedema         SLN 110         13.93         ±24.05         0.389           Lymphoedema         SLN 100         13.93         ±24.05         0.389           Lymphoedema 1m         SLN 107         7.16         ±15.20         0.989           Lymphoedema 6m         SLN 100         12.33         ±23.04         0.291           Lymphoedema 12m         SLN 100         12.33         ±23.12         0.022           Lymphoedema 12m         SLN 100         34         17.64         ±30.96           Lymphoedema 12m         SLN 100         34         23.52         ±26.62	Symptom Experience 6m	SLN	100	5.61	±8.54	0.047
SLN+LND   34   8.30   ±11.08		SLN+LND	34	9.38	±11.85	
Body Image   SLN   111   11.86   ±21.33   0.137	Symptom Experience 12m	SLN	99	5.81	±8.42	0.174
SLN+LND 39 6.55 ±10.10  Body Image 1m SLN 108 10.08 ±16.31 0.966 SLN+LND 38 9.94 ±21.26  Body Image 6m SLN 100 9.33 ±18.66 0.123 SLN+LND 34 16.01 ±28.84  Body Image 12m SLN 99 8.19 ±16.69 0.098 SLN+LND 34 13.72 ±16.81  Lymphoedema SLN 110 13.93 ±24.05 0.389 SLN+LND 39 10.25 ±18.97  Lymphoedema 1m SLN 107 7.16 ±15.20 0.989 SLN+LND 37 7.20 ±19.46  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291 SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022 SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	34	8.30	±11.08	
SLN	Body Image	SLN	111	11.86	±21.33	0.137
SLN+LND   38   9.94   ±21.26		SLN+LND	39	6.55	±10.10	
Body Image 6m SLN 100 9.33 ±18.66 0.123 SLN+LND 34 16.01 ±28.84 Body Image 12m SLN 99 8.19 ±16.69 0.098 SLN+LND 34 13.72 ±16.81 Lymphoedema SLN 110 13.93 ±24.05 0.389 SLN+LND 39 10.25 ±18.97 SLN+LND 39 10.25 ±18.97 Uymphoedema 1m SLN 107 7.16 ±15.20 0.989 SLN+LND 37 7.20 ±19.46 Lymphoedema 6m SLN 100 12.33 ±23.04 0.291 SLN+LND 34 17.64 ±30.96 Lymphoedema 12m SLN 99 12.45 ±23.12 0.022 SLN+LND 34 23.52 ±26.62 Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154	Body Image 1m	SLN	108	10.08	±16.31	0.966
SLN+LND 34 16.01 ±28.84  Body Image 12m SLN 99 8.19 ±16.69 0.098  SLN+LND 34 13.72 ±16.81  Lymphoedema SLN 110 13.93 ±24.05 0.389  SLN+LND 39 10.25 ±18.97  Lymphoedema 1m SLN 107 7.16 ±15.20 0.989  SLN+LND 37 7.20 ±19.46  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	38	9.94	±21.26	
SLN   99   8.19   ±16.69   0.098	Body Image 6m	SLN	100	9.33	±18.66	0.123
SLN+LND 34 13.72 ±16.81  Lymphoedema SLN 110 13.93 ±24.05 0.389  SLN+LND 39 10.25 ±18.97  Lymphoedema 1m SLN 107 7.16 ±15.20 0.989  SLN+LND 37 7.20 ±19.46  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	34	16.01	±28.84	
Lymphoedema       SLN       110       13.93       ±24.05       0.389         Lymphoedema 1m       SLN       39       10.25       ±18.97         Lymphoedema 1m       SLN       107       7.16       ±15.20       0.989         Lymphoedema 6m       SLN       100       12.33       ±23.04       0.291         Lymphoedema 6m       SLN+LND       34       17.64       ±30.96         Lymphoedema 12m       SLN       99       12.45       ±23.12       0.022         SLN+LND       34       23.52       ±26.62         Peripheral Neuropathy       SLN       109       9.48       ±23.17       0.154	Body Image 12m	SLN	99	8.19	±16.69	0.098
SLN+LND 39 10.25 ±18.97  Lymphoedema 1m SLN 107 7.16 ±15.20 0.989  SLN+LND 37 7.20 ±19.46  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	34	13.72	±16.81	
Lymphoedema 1m       SLN       107       7.16       ±15.20       0.989         SLN+LND       37       7.20       ±19.46         Lymphoedema 6m       SLN       100       12.33       ±23.04       0.291         SLN+LND       34       17.64       ±30.96         Lymphoedema 12m       SLN       99       12.45       ±23.12       0.022         SLN+LND       34       23.52       ±26.62         Peripheral Neuropathy       SLN       109       9.48       ±23.17       0.154	Lymphoedema	SLN	110	13.93	±24.05	0.389
SLN+LND 37 7.20 ±19.46  Lymphoedema 6m SLN 100 12.33 ±23.04 0.291  SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154		SLN+LND	39	10.25	±18.97	
Lymphoedema 6m       SLN       100       12.33       ±23.04       0.291         SLN+LND       34       17.64       ±30.96         Lymphoedema 12m       SLN       99       12.45       ±23.12       0.022         SLN+LND       34       23.52       ±26.62         Peripheral Neuropathy       SLN       109       9.48       ±23.17       0.154	Lymphoedema 1m	SLN	107	7.16	±15.20	0.989
Lymphoedema 6m       SLN       100       12.33       ±23.04       0.291         SLN+LND       34       17.64       ±30.96         Lymphoedema 12m       SLN       99       12.45       ±23.12       0.022         SLN+LND       34       23.52       ±26.62         Peripheral Neuropathy       SLN       109       9.48       ±23.17       0.154		SLN+LND	37	7.20	±19.46	
SLN+LND 34 17.64 ±30.96  Lymphoedema 12m SLN 99 12.45 ±23.12 0.022  SLN+LND 34 23.52 ±26.62  Peripheral Neuropathy SLN 109 9.48 ±23.17 0.154	Lymphoedema 6m	SLN	100	12.33		0.291
Lymphoedema 12m       SLN       99       12.45       ±23.12       0.022         SLN+LND       34       23.52       ±26.62         Peripheral Neuropathy       SLN       109       9.48       ±23.17       0.154						
SLN+LND 34 23.52 $\pm 26.62$ Peripheral Neuropathy SLN 109 9.48 $\pm 23.17$ 0.154	Lymphoedema 12m		99	12.45	±23.12	0.022
Peripheral Neuropathy SLN 109 9.48 $\pm 23.17$ 0.154			34			
	Peripheral Neuropathy					0.154
	•	SLN+LND	39	16.23	±30.46	

Peripheral Neuropathy 1m	SLN	106	5.34	±13.90	0.190
	SLN+LND	38	11.40	±26.02	
Peripheral Neuropathy 6m	SLN	99	14.81	±26.60	0.004
	SLN+LND	34	36.27	±37.93	
Peripheral Neuropathy 12m	SLN	97	13.74	±24.88	0.009
	SLN+LND	33	28.28	±33.45	
Menopausal Symptoms	SLN	110	25.75	±36.86	0.355
	SLN+LND	39	19.65	±30.31	
Menopausal Symptoms 1m	SLN	107	22.74	±33.83	0.113
	SLN+LND	38	13.15	±25.15	
Menopausal Symptoms 6m	SLN	98	29.59	±33.12	0.063
	SLN+LND	34	17.64	±28.70	
Menopausal Symptoms 12m	SLN	98	25.51	±32.03	0.074
	SLN+LND	34	14.70	±23.48	
Functional items	SLN	109	4.28	±14.59	0.540
	SLN+LND	39	5.98	±15.52	
Functional items 1m	SLN	102	2.28	±9.68	0.019
	SLN+LND	35	0.00	±0.00	
Functional items 6m	SLN	95	6.14	±15.95	0.652
	SLN+LND	33	7.57	±15.07	
Functional items 12m	SLN	96	13.36	±21.16	0.790
	SLN+LND	34	12.25	±20.22	
Sexual Vaginal baseline	SLN	17	12.25	±18.42	0.852
	SLN+LND	7	10.71	±14.20	
Sexual Vaginal 1m	SLN	11	6.06	±10.60	0.513
	SLN+LND	2	0.00	±0.00	
Sexual Vaginal 6m	SLN	18	31.01	±29.40	0.125
	SLN+LND	7	9.52	±12.19	
Sexual Vaginal 12m	SLN	32	22.13	±23.72	0.555
	SLN+LND	11	16.66	±19.36	
Sexual Worry	SLN	110	15.15	±28.78	0.290
	SLN+LND	39	10.25	±25.53	
Sexual Worry 1m	SLN	103	9.70	±21.20	0.243
	SLN+LND	34	5.88	±17.35	
Sexual Worry 6m	SLN	99	12.79	±27.64	0.633
	SLN+LND	34	14.70	±28.65	
Sexual Worry 12m	SLN	100	11.33	±24.26	0.590
Solder Fromy Lent	SLN+LND	34	14.70	±27.45	3.330
	SEIVICIND	J-	17.70	±21.7J	

Sexual Activity	SLN	109	4.28	±14.41	0.402
	SLN+LND	39	5.12	±12.18	
Sexual Activity 1m	SLN	101	1.65	±7.26	0.181
	SLN+LND	35	0.00	±0.00	
Sexual Activity 6m	SLN	95	6.66	±16.55	0.610
	SLN+LND	33	9.09	±20.87	
Sexual Activity 12m	SLN	96	13.54	±21.40	0.365
	SLN+LND	34	8.82	±14.92	
Sexual Enjoyment	SLN	15	31.11	±32.03	0.680
	SLN+LND	7	38.09	±35.63	
Sexual Enjoyment 1m	SLN	10	30.00	±29.18	0.545
	SLN+LND	1	0.00	±0.00	
Sexual Enjoyment 6m	SLN	17	27.45	±26.96	0.865
	SLN+LND	6	27.77	±13.60	
Sexual Enjoyment 12m	SLN	32	38.54	±25.55	0.401
	SLN+LND	11	48.48	±27.33	

 $<sup>5 \</sup>qquad \hbox{SLN: sentinel lymph node biopsy; LND: lymphadenectomy.}$ 

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