

Supplement Table 1. Descriptive statistics of the QLQ-C30

Questionnaire	Items*	Before LA	One month after LA	Three months after LA	P value
Physical function [#]	1,2,3,4,5	30.8±3.4	50±0	40.4±15.4	<0.001 0.300 0.458
Role function [#]	6,7	41.7±11.8	46.6±6.7	40.7±12.7	0.208 0.884 0.946
Emotional function [#]	21,22,23,24	27.7±3.8	40±18	31.3±1.8	0.243 0.086 0.334
Cognitive function [#]	20,25	41.3±11.5	60±28	41.3±11.5	0.226 NA 0.226
Social function [#]	26,27	60±0	60±0	60±0	NA NA NA
Global QOL [#]	29,30	54.9±32.9	58.4±31.5	45±42.1	0.239 0.389 0.425
Fatigue ⁺	10,12,18	51±16	41±25	64±12.9	0.374 0.193 0.367
Nausea and vomiting ⁺	14,15	73.4±14.9	43.34±38.9	53.4±29.8	0.121 0.374 0.759
Pain ⁺	9,19	61.9±16.3	26.7±11.3	21.7±10.8	0.023 0.017 0.073
dyspnea ⁺	8	65±13.7	40±20	65±12.6	0.142 0.374 0.427
insomnia ⁺	11	65±37.9	30±36.7	45±41.1	0.184 0.374 0.794
Loss of appetite ⁺	13	56.7±30.2	30±24.5	60±33.5	0.178 0.178 0.396
constipation ⁺	16	51.7±30.3	25±31.6	46.7±31.4	0.234 0.378 0.178
diarrhea ⁺	17	0±0	10±25.2	0±0	0.374 NA

financial	28	10±22.3	10±22.3	30±27.3	0.374
difficulty ⁺					NA
					0.178
					0.178
