

**Table S1** Perioperative changes of EORTC QLQ-C30 and summary score in the 260 patients who received both the preoperative and postoperative QoL questionnaires

Instrument	Baseline (n=260)	POM1 (n=171)	POM3 (n=78)	POM6 (n=76)
PF	93.3 (80–100)	80.0 (66.7–86.7)	86.7 (80.0–93.3)	86.7 (73.3–100.0)
RF	100.0 (83.3–100.0)	66.7 (66.7–100.0)	100.0 (66.7–100.0)	100.0 (66.7–100.0)
CF	83.3 (83.3–100.0)	66.7 (83.3–100.0)	83.3 (83.3–100.0)	66.7 (83.3–100.0)
EF	83.3 (75.0–100.0)	83.3 (75.0–100.0)	83.3 (91.2–100.0)	83.3 (91.2–100.0)
SF	100.0 (83.3–100.0)	66.7 (83.3–100.0)	100.0 (83.3–100.0)	100.0 (100.0–100.0)
FA	11.1 (11.11–33.3)	33.3 (22.2–44.4)	22.2 (11.1–33.3)	33.3 (11.1–33.3)
NV	0 (0–0)	0 (0–0)	0 (0–0)	0 (0–0)
PA	0 (0–16.7)	33.3 (16.7–45.8)	16.7 (0–16.7)	0 (0–16.7)
DY	0 (0–33.3)	33.3 (33.3–33.3)	33.3 (16.7–33.3)	33.3 (33.3–33.3)
SL	0 (0–33.3)	33.3 (0–33.3)	0 (0–33.3)	0 (0–33.3)
AP	0 (0–0)	0 (0–33.3)	0 (0–33.3)	0 (0–0)
CO	0 (0–33.3)	0 (0–33.3)	0 (0–33.3)	0 (0–33.3)
DI	0 (0–0)	0 (0–0)	0 (0–0)	0 (0–0)
FI	0 (0–0)	0 (0–33.3)	0 (0–0)	0 (0–0)
QL	75.0 (50.0–83.3)	58.3 (41.7–83.3)	75.0 (50.0–83.3)	66.7 (50.0–83.3)
SumSc	90.1 (85.2–95.3)	81.5 (71.5–89.0)	87.5 (80.8–93.5)	87.4 (80.68–92.7)

Results are expressed as median (interquartile range). AP, appetite loss; CF, cognitive function; CO, constipation; DI, diarrhea; DY, dyspnea; EF, emotional function; FA, fatigue; FI, financial impact; NV, nausea and vomiting; PA, pain; PF, physical function; POM, postoperative month; QL, global quality of life scale; QoL, quality of life; RF, role function; SF, social; SL, insomnia; SumSc, summary score; EORTC QLQ-C30, European Organization for Research and Treatment of Cancer Quality of Life Questionnaire Core 30.