

**S3 Table.** Change in quality of life during first-line chemotherapy in responders (CR or PR) and non-responders (SD or PD) among patients who received oxaliplatin plus fluoropyrimidine (5-fluorouracil or capecitabine)

	Responders (CR or PR, n=31)		Non-responders (SD or PD, n=101)		p-value <sup>a)</sup>
	No.	Mean±SD	No.	Mean±SD	
<b>QLQ-C30</b>					
Physical functioning					
Baseline	30	80.00±13.22	83	76.87±19.12	
Best score	24	78.89±15.19	48	72.64±22.19	
Change	24	0.56±16.44	44	-3.48±22.02	0.501
p-value <sup>b)</sup>		0.958		0.351	
Role functioning					
Baseline	30	77.22±20.29	83	73.49±29.34	
Best score	24	81.94±22.48	48	65.97±31.88	
Change	24	3.47±25.53	44	-1.14±33.22	0.544
p-value <sup>b)</sup>		0.529		0.813	
Emotional functioning					
Baseline	30	75.00±20.41	83	74.50±21.56	
Best score	24	75.69±23.30	48	75.52±23.22	
Change	24	-1.04±27.51	44	6.63±26.08	0.155
p-value <sup>b)</sup>		0.792		0.037	
Cognitive functioning					
Baseline	30	84.44±20.50	83	84.54±15.79	
Best score	24	78.47±21.69	48	84.03±22.00	
Change	24	-6.94±24.04	44	-0.76±21.85	0.116
p-value <sup>b)</sup>		0.228		0.483	
Social functioning					
Baseline	30	55.00±35.33	83	69.28±28.09	
Best score	24	74.31±23.04	48	68.75±30.10	
Change	24	16.67±34.75	44	2.27±30.83	0.060
p-value <sup>b)</sup>		0.012		0.360	
Global health status/QOL					
Baseline	30	50.00±25.33	83	49.90±25.05	
Best score	24	53.82±20.99	48	55.90±25.38	
Change	24	2.78±29.15	44	4.73±25.82	0.490
p-value <sup>b)</sup>		0.882		0.106	
Fatigue					
Baseline	30	38.15±19.94	83	35.07±22.59	
Best score	24	33.80±20.32	48	39.81±23.24	
Change	24	-4.63±23.15	44	1.01±25.45	0.569
p-value <sup>b)</sup>		0.416		0.934	
Nausea and vomiting					
Baseline	30	16.67±23.16	83	20.28±24.97	
Best score	24	17.36±21.69	48	20.83±26.96	
Change	24	-1.39±25.50	44	-1.52±22.68	0.736
p-value <sup>b)</sup>		0.542		0.488	
Pain					
Baseline	30	18.89±20.40	83	30.12±25.83	
Best score	24	15.28±21.38	48	23.96±30.35	
Change	24	-1.39±21.38	44	-5.68±32.14	0.541
p-value <sup>b)</sup>		0.780		0.346	
Dyspnea					
Baseline	30	13.33±16.61	83	15.66±21.68	
Best score	24	13.89±23.91	48	16.67±24.79	
Change	24	0.00±31.08	44	0.76±19.67	0.448

p-value <sup>b)</sup>		0.835		0.243	
Insomnia					
Baseline	30	25.56±24.26	83	21.69±27.76	
Best score	24	22.22±21.23	48	21.53±31.13	
Change	24	-2.78±25.85	44	-0.76±37.00	0.944
p-value <sup>b)</sup>		0.794		0.737	
Appetite loss					
Baseline	30	33.33±36.09	83	37.75±32.41	
Best score	24	25.00±31.47	48	32.64±30.36	
Change	24	-8.33±58.36	44	-6.82±41.67	0.978
p-value <sup>b)</sup>		0.474		0.234	
Constipation					
Baseline	30	23.33±29.23	83	21.29±25.28	
Best score	24	12.50±19.19	48	14.58±21.64	
Change	24	-9.72±37.40	44	-8.33±31.44	0.994
p-value <sup>b)</sup>		0.296		0.068	
Diarrhea					
Baseline	30	21.11±29.66	83	22.89±28.48	
Best score	24	16.67±29.49	48	15.28±22.76	
Change	24	-6.94±27.77	44	-5.30±26.84	0.926
p-value <sup>b)</sup>		0.629		0.254	
Financial difficulties					
Baseline	30	44.44±38.49	83	33.33±32.92	
Best score	24	27.78±23.40	48	31.25±32.55	
Change	24	-18.06±36.75	44	-2.27±29.99	0.092
p-value <sup>b)</sup>		0.023		0.507	
<b>QLQ-STO22</b>					
Dysphagia					
Baseline	30	17.41±20.57	83	15.80±18.86	
Best score	24	10.65±12.47	48	14.81±18.24	
Change	24	-8.33±21.04	44	-1.01±19.59	0.397
p-value <sup>b)</sup>		0.059		0.690	
Pain					
Baseline	30	25.00±19.82	83	27.41±19.67	
Best score	24	14.58±14.59	48	21.18±22.80	
Change	24	-9.72±18.66	44	-7.20±21.68	0.669
p-value <sup>b)</sup>		0.025		0.030	
Reflux symptoms					
Baseline	30	17.04±14.80	83	16.47±18.15	
Best score	24	12.04±13.48	48	18.29±21.56	
Change	24	-5.09±18.82	44	-1.26±19.94	0.472
p-value <sup>b)</sup>		0.149		0.718	
Eating restrictions					
Baseline	30	25.56±21.66	83	23.09±19.54	
Best score	24	12.15±14.53	48	23.09±21.42	
Change	24	-15.63±23.22	44	-2.27±19.39	0.035
p-value <sup>b)</sup>		0.002		0.097	
Anxiety					
Baseline	30	40.00±26.68	83	47.93±25.91	
Best score	24	38.43±27.99	48	39.58±22.68	
Change	24	1.85±28.12	44	-10.10±24.65	0.062
p-value <sup>b)</sup>		0.753		0.003	
Dry mouth					
Baseline	30	24.44±30.24	83	24.10±24.59	
Best score	24	30.56±27.66	48	27.08±29.70	
Change	24	6.94±41.68	44	0.00±32.15	0.340
p-value <sup>b)</sup>		0.562		0.929	
Taste					
Baseline	30	22.22±31.96	83	24.50±26.07	

Best score	24	19.44±23.91	48	19.44±22.63	
Change	24	-5.55±41.31	44	-7.58±29.52	0.423
p-value <sup>b)</sup>		0.624		0.107	
Body image					
Baseline	30	31.11±30.24	83	36.14±33.01	
Best score	24	36.11±32.48	48	40.28±29.94	
Change	24	6.94±32.57	44	-0.76±32.54	0.232
p-value <sup>b)</sup>		0.375		0.797	
Hair loss					
Baseline	7	28.57±35.63	22	43.94±37.64	
Best score	16	31.25±30.96	32	33.33±30.53	
Change	5	6.67±14.91	11	3.03±50.45	0.850
p-value <sup>b)</sup>		1.000		1.000	

SD, standard deviation; QOL, quality of life; CR, complete response; PR, partial response; SD, stable disease; PD, progressive disease. <sup>a)</sup>Between responders and non-responders, Kruskal-Wallis test,

<sup>b)</sup>Between best score and baseline, Wilcoxon signed rank test.