

Supplemental Table 1 QoL: EORTC QLQ-C30

EORTC QLQ-C30	Baseline					Last visit					Change					P value
	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	
ITT set, N=16																
Global health status/QoL	16	53.65 ±29.81	58.33	0.00	91.67	16	40.63 ±25.98	41.67	0.00	100.00	16	-13.02 ±31.91	-20.83	-58.33	41.67	0.1234**
Functional scales																
Physical functioning	16	73.75 ±30.64	86.67	6.67	100.00	16	69.58 ±21.63	73.33	33.33	100.00	16	-4.17 ±30.29	-6.67	-53.33	66.67	0.5903**
Role functioning	16	76.04 ±32.76	83.33	0.00	100.00	16	59.38 ±29.79	66.67	0.00	100.00	16	-16.67 ±46.75	-16.67	-100.00	100.00	0.1743**
Emotional functioning	16	70.31 ±20.41	70.83	33.33	100.00	16	61.98 ±23.56	66.67	16.67	100.00	16	-8.33 ±21.94	-8.33	-50.00	50.00	0.1495**
Cognitive functioning	16	71.88 ±24.13	66.67	16.67	100.00	16	68.75 ±28.46	75.00	16.67	100.00	16	-3.13 ±27.36	0.00	-50.00	50.00	0.6544**
Social functioning	16	68.75 ±20.97	66.67	33.33	100.00	16	55.21 ±27.02	58.33	0.00	100.00	16	-13.54 ±30.56	0.00	-66.67	33.33	0.0966**
Symptom scales																
Fatigue	16	40.97 ±24.59	33.33	0.00	100.00	16	50.69 ±29.25	50.00	11.11	100.00	16	9.72 ±38.46	5.56	-77.78	66.67	0.3280**
Nausea and vomiting	16	15.63 ±25.44	8.33	0.00	100.00	16	16.67 ±18.26	16.67	0.00	50.00	16	1.04 ±33.59	0.00	-100.00	50.00	0.5273++
Pain	16	20.83 ±25.46	16.67	0.00	83.33	16	45.83 ±26.87	41.67	0.00	83.33	16	25.00 ±29.19	16.67	-16.67	83.33	0.0038**
Dyspnea	16	10.42 ±20.07	0.00	0.00	66.67	16	27.08 ±32.70	16.67	0.00	100.00	16	16.67 ±29.81	0.00	-33.33	66.67	0.0781++
Constipation	16	16.67 ±24.34	0.00	0.00	66.67	16	29.17 ±40.14	0.00	0.00	100.00	16	12.50 ±46.94	0.00	-66.67	100.00	0.3037**
Diarrhea	16	8.33 ±25.82	0.00	0.00	100.00	16	8.33 ±19.25	0.00	0.00	66.67	16	0.00 ±12.17	0.00	-33.33	33.33	1.0000++
Insomnia	16	14.58 ±20.97	0.00	0.00	66.67	16	43.75 ±33.82	33.33	0.00	100.00	16	29.17 ±31.91	33.33	0.00	100.00	0.0020++
Appetite loss	16	31.25 ±33.26	33.33	0.00	100.00	16	43.75 ±37.94	33.33	0.00	100.00	16	12.50 ±38.25	0.00	-66.67	66.67	0.2108**
Financial difficulties	16	27.08 ±30.35	33.33	0.00	100.00	16	31.25 ±33.26	33.33	0.00	100.00	16	4.17 ±29.50	0.00	-33.33	66.67	0.8711++
PP set, N=13																
Global health status/QoL	13	60.90 ±23.66	58.33	25.00	91.67	13	40.38 ±29.04	41.67	0.00	100.00	13	-20.51 ±26.49	-25.00	-58.33	16.67	0.0163**
Functional scales																
Physical functioning	13	82.05 ±19.70	86.67	33.33	100.00	13	73.85 ±20.45	73.33	33.33	100.00	13	-8.21 ±20.75	-6.67	-53.33	26.67	0.1795**
Role functioning	13	87.18 ±15.45	100.00	66.67	100.00	13	60.26 ±29.30	66.67	0.00	100.00	13	-26.92 ±34.39	-16.67	-100.00	16.67	0.0154**
Emotional functioning	13	76.28 ±15.90	75.00	50.00	100.00	13	66.03 ±19.97	66.67	33.33	100.00	13	-10.26 ±12.80	-8.33	-33.33	8.33	0.0136**

Cognitive functioning	13	78.21	±19.70	66.67	50.00	100.00	13	69.23	±28.74	83.33	16.67	100.00	13	-8.97	±25.11	-16.67	-50.00	33.33	0.2218**
Social functioning	13	74.36	±17.50	66.67	33.33	100.00	13	56.41	±29.30	66.67	0.00	100.00	13	-17.95	±29.24	0.00	-66.67	16.67	0.0470**
Symptom scales																			
Fatigue	13	35.04	±16.88	33.33	0.00	66.67	13	48.72	±29.24	44.44	11.11	100.00	13	13.68	±29.80	11.11	-33.33	66.67	0.1239**
Nausea and vomiting	13	10.26	±12.80	0.00	0.00	33.33	13	15.38	±18.59	16.67	0.00	50.00	13	5.13	±20.84	0.00	-16.67	50.00	0.4375++
Pain	13	19.23	±20.24	16.67	0.00	66.67	13	47.44	±26.22	33.33	0.00	83.33	13	28.21	±28.37	16.67	0.00	83.33	0.0039++
Dyspnea	13	7.69	±14.62	0.00	0.00	33.33	13	23.08	±31.58	0.00	0.00	100.00	13	15.38	±29.24	0.00	-33.33	66.67	0.1563++
Constipation	13	12.82	±21.68	0.00	0.00	66.67	13	28.21	±38.12	0.00	0.00	100.00	13	15.38	±37.55	0.00	-33.33	100.00	0.1654**
Diarrhea	13	10.26	±28.50	0.00	0.00	100.00	13	10.26	±21.01	0.00	0.00	66.67	13	0.00	±13.61	0.00	-33.33	33.33	1.0000++
Insomnia	13	15.38	±22.01	0.00	0.00	66.67	13	43.59	±31.58	33.33	0.00	100.00	13	28.21	±26.69	33.33	0.00	100.00	0.0039++
Appetite loss	13	23.08	±28.50	0.00	0.00	66.67	13	41.03	±41.17	33.33	0.00	100.00	13	17.95	±35.00	0.00	-33.33	66.67	0.0892**
Financial difficulties	13	25.64	±30.89	33.33	0.00	100.00	13	28.21	±32.90	33.33	0.00	100.00	13	2.56	±31.80	0.00	-33.33	66.67	0.7762**

Change = Last visit – Baseline

** : paired *t* test

++ : Wilcoxon signed rank test

QoL = quality of life; EORTC = European Organization for Research and Treatment of Cancer; QLQ-C30 = Quality of Life Questionnaire Core 30;

SD = standard deviation; Min, minimum; Max = maximum; ITT = intention-to-treat; PP = per-protocol.

Supplemental Table 2 QoL: EORTC QLQ-PAN26

EORTC QLQ-PAN26	Baseline					Last visit					Change					P value
	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	
ITT set, N=16																
Pancreatic pain	16	77.08 ±23.07	83.33	16.67	100.00	16	60.42 ±25.91	58.33	33.33	100.00	16	-16.67 ±23.37	-20.83	-66.67	16.67	0.0121**
Gastrointestinal	16	78.13 ±29.01	91.67	0.00	100.00	16	63.54 ±29.32	66.67	0.00	100.00	16	-14.58 ±35.42	-8.33	-100.00	66.67	0.1204**
Jaundice	16	93.75 ±11.98	100.00	66.67	100.00	16	87.50 ±16.67	100.00	50.00	100.00	16	-6.25 ±15.96	0.00	-50.00	16.67	0.1875++
Body image	16	56.25 ±38.91	58.33	0.00	100.00	16	56.25 ±29.74	50.00	0.00	100.00	16	0.00 ±23.57	0.00	-33.33	50.00	1.0000**
Altered bowel habit	16	79.17 ±24.72	83.33	16.67	100.00	16	61.46 ±24.13	66.67	16.67	100.00	16	-17.71 ±19.69	-16.67	-50.00	16.67	0.0026**
Health satisfaction	16	35.42 ±24.25	33.33	0.00	100.00	16	34.38 ±27.53	33.33	0.00	83.33	16	-1.04 ±31.31	0.00	-100.00	33.33	0.5195++
Sexuality scale	16	55.21 ±39.78	66.67	0.00	100.00	16	54.17 ±34.16	66.67	0.00	100.00	16	-1.04 ±39.66	0.00	-50.00	100.00	0.7578++
Separate questions																
Bloated abdomen	16	35.42 ±25.73	33.33	0.00	66.67	16	54.17 ±34.16	66.67	0.00	100.00	16	18.75 ±27.13	16.67	-33.33	66.67	0.0156++
Taste changes	16	29.17 ±29.50	33.33	0.00	100.00	16	43.75 ±35.94	50.00	0.00	100.00	16	14.58 ±32.13	0.00	-33.33	100.00	0.1563++
Indigestion	16	27.08 ±34.89	16.67	0.00	100.00	16	41.67 ±31.03	33.33	0.00	100.00	16	14.58 ±43.83	0.00	-66.67	100.00	0.2031**
Flatulence	16	20.83 ±23.96	16.67	0.00	66.67	16	33.33 ±32.20	33.33	0.00	100.00	16	12.50 ±31.91	0.00	-33.33	66.67	0.1875++
Weight loss	16	22.92 ±33.82	0.00	0.00	100.00	16	27.08 ±25.00	33.33	0.00	66.67	16	4.17 ±26.87	0.00	-33.33	66.67	0.8281++
Decreased muscle strength	16	31.25 ±30.96	33.33	0.00	100.00	16	43.75 ±29.11	33.33	0.00	100.00	16	12.50 ±23.96	0.00	-33.33	66.67	0.1094++
Dry mouth	16	25.00 ±31.03	16.67	0.00	100.00	16	45.83 ±34.16	33.33	0.00	100.00	16	20.83 ±43.67	33.33	-100.00	100.00	0.0508++
Treatment side effects	16	29.17 ±36.26	16.67	0.00	100.00	16	39.58 ±30.35	33.33	0.00	100.00	16	10.42 ±45.08	0.00	-66.67	100.00	0.3700**
Fear for future health	16	52.08 ±29.74	33.33	0.00	100.00	16	58.33 ±19.25	66.67	33.33	100.00	16	6.25 ±32.70	0.00	-66.67	66.67	0.4564**
Ability to plan ahead	16	31.25 ±33.26	33.33	0.00	100.00	16	52.08 ±27.13	66.67	0.00	100.00	16	20.83 ±36.26	33.33	-66.67	66.67	0.0269++
PP set, N=13																
Pancreatic pain	13	79.49 ±17.55	83.33	50.00	100.00	13	61.54 ±24.19	58.33	33.33	100.00	13	-17.95 ±16.96	-25.00	-50.00	8.33	0.0025**
Gastrointestinal	13	84.62 ±19.79	100.00	50.00	100.00	13	65.38 ±32.25	66.67	0.00	100.00	13	-19.23 ±29.54	-16.67	-100.00	16.67	0.0313++
Jaundice	13	96.15 ±9.99	100.00	66.67	100.00	13	88.46 ±17.19	100.00	50.00	100.00	13	-7.69 ±16.12	0.00	-50.00	0.00	0.2500++
Body image	13	62.82 ±35.46	66.67	0.00	100.00	13	56.41 ±31.58	50.00	0.00	100.00	13	-6.41 ±18.68	0.00	-33.33	33.33	0.2397**
Altered bowel habit	13	80.77 ±25.32	83.33	16.67	100.00	13	65.38 ±20.93	66.67	33.33	100.00	13	-15.38 ±19.79	-16.67	-50.00	16.67	0.0160**

EORTC QLQ-PAN26	Baseline					Last visit					Change					P value
	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	n	Mean ±SD	Median	Min	Max	
Health satisfaction	13	34.62 ±26.75	33.33	0.00	100.00	13	30.77 ±27.09	33.33	0.00	83.33	13	-3.85 ±32.74	0.00	-100.00	33.33	1.0000++
Sexuality scale	13	65.38 ±36.30	66.67	0.00	100.00	13	53.85 ±32.03	66.67	0.00	100.00	13	-11.54 ±22.96	0.00	-50.00	33.33	0.1563++
Separate questions																
Bloated abdomen	13	33.33 ±23.57	33.33	0.00	66.67	13	53.85 ±37.36	66.67	0.00	100.00	13	20.51 ±21.68	33.33	0.00	66.67	0.0156++
Taste changes	13	20.51 ±21.68	33.33	0.00	66.67	13	38.46 ±38.12	33.33	0.00	100.00	13	17.95 ±32.25	0.00	0.00	100.00	0.1250++
Indigestion	13	23.08 ±31.58	0.00	0.00	100.00	13	38.46 ±32.90	33.33	0.00	100.00	13	15.38 ±39.94	0.00	-66.67	100.00	0.2813++
Flatulence	13	15.38 ±17.30	0.00	0.00	33.33	13	28.21 ±32.90	33.33	0.00	100.00	13	12.82 ±28.99	0.00	-33.33	66.67	0.2500++
Weight loss	13	10.26 ±16.01	0.00	0.00	33.33	13	23.08 ±21.01	33.33	0.00	66.67	13	12.82 ±21.68	0.00	0.00	66.67	0.1250++
Decreased muscle strength	13	23.08 ±25.04	33.33	0.00	66.67	13	38.46 ±29.96	33.33	0.00	100.00	13	15.38 ±22.01	0.00	0.00	66.67	0.0625++
Dry mouth	13	17.95 ±22.01	0.00	0.00	66.67	13	48.72 ±35.00	33.33	0.00	100.00	13	30.77 ±31.80	33.33	0.00	100.00	0.0078++
Treatment side effects	13	17.95 ±25.88	0.00	0.00	66.67	13	38.46 ±32.90	33.33	0.00	100.00	13	20.51 ±37.36	0.00	-33.33	100.00	0.1250++
Fear for future health	13	46.15 ±28.99	33.33	0.00	100.00	13	58.97 ±19.97	66.67	33.33	100.00	13	12.82 ±28.99	0.00	-33.33	66.67	0.1368**
Ability to plan ahead	13	23.08 ±21.01	33.33	0.00	66.67	13	51.28 ±29.24	66.67	0.00	100.00	13	28.21 ±22.96	33.33	0.00	66.67	0.0039++

Change = Last visit – Baseline

** : paired *t* test

++ : Wilcoxon signed rank test

QoL = quality of life; EORTC = European Organization for Research and Treatment of Cancer; QLQ-PAN = Quality of Life Questionnaire in patients with pancreatic cancer;

SD = standard deviation; Min = minimum; Max = maximum; ITT = intention-to-treat; PP = per-protocol

Supplemental Table 3 QoL at each visit: EORTC QLQ-C30

EORTC QLQ-C30	Visit	n	Mean \pm SD	Median	Min	Max
ITT set						
Global health status/QoL						
	baseline	16	53.65 \pm 29.81	58.33	0.00	91.67
	week 4	15	51.11 \pm 23.33	50.00	16.67	91.67
	week 8	16	40.63 \pm 24.88	41.67	0.00	91.67
	week 12	4	60.42 \pm 18.48	58.33	41.67	83.33
	week 16	3	75.00 \pm 25.00	75.00	50.00	100.00
Functional scales						
Physical functioning						
	baseline	16	73.75 \pm 30.64	86.67	6.67	100.00
	week 4	15	72.89 \pm 21.89	73.33	26.67	100.00
	week 8	16	70.83 \pm 21.20	73.33	33.33	100.00
	week 12	4	75.00 \pm 27.42	80.00	40.00	100.00
	week 16	3	82.22 \pm 13.88	86.67	66.67	93.33
Role functioning						
	baseline	16	76.04 \pm 32.76	83.33	0.00	100.00
	week 4	15	71.11 \pm 31.79	83.33	0.00	100.00
	week 8	16	61.46 \pm 29.01	66.67	0.00	100.00
	week 12	4	70.83 \pm 28.46	75.00	33.33	100.00
	week 16	3	83.33 \pm 28.87	100.00	50.00	100.00
Emotional functioning						
	baseline	16	70.31 \pm 20.41	70.83	33.33	100.00
	week 4	15	73.33 \pm 20.94	75.00	33.33	100.00
	week 8	16	62.50 \pm 21.30	66.67	33.33	100.00
	week 12	4	58.33 \pm 28.05	70.83	16.67	75.00
	week 16	3	72.22 \pm 9.62	66.67	66.67	83.33
Cognitive functioning						
	baseline	16	71.88 \pm 24.13	66.67	16.67	100.00
	week 4	15	80.00 \pm 11.27	83.33	66.67	100.00
	week 8	16	67.71 \pm 28.20	66.67	16.67	100.00
	week 12	4	79.17 \pm 15.96	75.00	66.67	100.00
	week 16	3	83.33 \pm 16.67	83.33	66.67	100.00
Social functioning						
	baseline	16	68.75 \pm 20.97	66.67	33.33	100.00
	week 4	15	67.78 \pm 28.50	66.67	16.67	100.00
	week 8	16	55.21 \pm 26.33	66.67	0.00	100.00
	week 12	4	75.00 \pm 31.91	83.33	33.33	100.00
	week 16	3	77.78 \pm 25.46	83.33	50.00	100.00
Symptom scales						
Fatigue						
	baseline	16	40.97 \pm 24.59	33.33	0.00	100.00
	week 4	15	37.78 \pm 20.91	33.33	11.11	77.78
	week 8	16	48.61 \pm 27.48	50.00	11.11	100.00
	week 12	4	44.44 \pm 35.14	38.89	11.11	88.89
	week 16	3	33.33 \pm 29.40	22.22	11.11	66.67
Nausea and vomiting						
	baseline	16	15.63 \pm 25.44	8.33	0.00	100.00
	week 4	15	8.89 \pm 15.26	0.00	0.00	50.00
	week 8	16	15.63 \pm 17.71	16.67	0.00	50.00

EORTC QLQ-C30	Visit	n	Mean \pm SD	Median	Min	Max	
Pain	week 12	4	8.33 \pm 16.67	0.00	0.00	33.33	
	week 16	3	5.56 \pm 9.62	0.00	0.00	16.67	
	baseline	16	20.83 \pm 25.46	16.67	0.00	83.33	
	week 4	15	30.00 \pm 29.00	33.33	0.00	83.33	
	week 8	16	43.75 \pm 25.73	33.33	0.00	83.33	
	week 12	4	33.33 \pm 23.57	41.67	0.00	50.00	
	week 16	3	27.78 \pm 34.69	16.67	0.00	66.67	
	Dyspnea	baseline	16	10.42 \pm 20.07	0.00	0.00	66.67
		week 4	15	13.33 \pm 21.08	0.00	0.00	66.67
		week 8	16	25.00 \pm 31.03	16.67	0.00	100.00
		week 12	4	16.67 \pm 33.33	0.00	0.00	66.67
		week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
	Constipation	baseline	16	16.67 \pm 24.34	0.00	0.00	66.67
		week 4	15	8.89 \pm 19.79	0.00	0.00	66.67
		week 8	16	22.92 \pm 35.94	0.00	0.00	100.00
		week 12	4	25.00 \pm 50.00	0.00	0.00	100.00
		week 16	3	0.00 \pm 0.00	0.00	0.00	0.00
	Diarrhea	baseline	16	8.33 \pm 25.82	0.00	0.00	100.00
		week 4	15	11.11 \pm 24.12	0.00	0.00	66.67
		week 8	16	8.33 \pm 19.25	0.00	0.00	66.67
week 12		4	8.33 \pm 16.67	0.00	0.00	33.33	
week 16		3	11.11 \pm 19.25	0.00	0.00	33.33	
Insomnia	baseline	16	14.58 \pm 20.97	0.00	0.00	66.67	
	week 4	15	28.89 \pm 30.52	33.33	0.00	100.00	
	week 8	16	39.58 \pm 27.81	33.33	0.00	100.00	
	week 12	4	50.00 \pm 43.03	50.00	0.00	100.00	
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67	
Appetite loss	baseline	16	31.25 \pm 33.26	33.33	0.00	100.00	
	week 4	15	35.56 \pm 34.43	33.33	0.00	100.00	
	week 8	16	41.67 \pm 37.52	33.33	0.00	100.00	
	week 12	4	25.00 \pm 31.91	16.67	0.00	66.67	
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33	
Financial difficulties	baseline	16	27.08 \pm 30.35	33.33	0.00	100.00	
	week 4	15	40.00 \pm 33.81	33.33	0.00	100.00	
	week 8	16	33.33 \pm 34.43	33.33	0.00	100.00	
	week 12	4	41.67 \pm 31.91	50.00	0.00	66.67	
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33	
PP set							
Global health status/QoL	baseline	13	60.90 \pm 23.66	58.33	25.00	91.67	
	week 4	12	52.78 \pm 25.71	50.00	16.67	91.67	
	week 8	13	39.74 \pm 27.67	41.67	0.00	91.67	
	week 12	3	66.67 \pm 16.67	66.67	50.00	83.33	
	week 16	3	75.00 \pm 25.00	75.00	50.00	100.00	

EORTC QLQ-C30	Visit	n	Mean \pm SD	Median	Min	Max
Functional scales						
Physical functioning						
	baseline	13	82.05 \pm 19.70	86.67	33.33	100.00
	week 4	12	75.56 \pm 20.95	76.67	26.67	100.00
	week 8	13	73.33 \pm 21.77	73.33	33.33	100.00
	week 12	3	86.67 \pm 17.64	93.33	66.67	100.00
	week 16	3	82.22 \pm 13.88	86.67	66.67	93.33
Role functioning						
	baseline	13	87.18 \pm 15.45	100.00	66.67	100.00
	week 4	12	75.00 \pm 27.06	83.33	16.67	100.00
	week 8	13	60.26 \pm 29.30	66.67	0.00	100.00
	week 12	3	83.33 \pm 16.67	83.33	66.67	100.00
	week 16	3	83.33 \pm 28.87	100.00	50.00	100.00
Emotional functioning						
	baseline	13	76.28 \pm 15.90	75.00	50.00	100.00
	week 4	12	72.92 \pm 22.79	79.17	33.33	100.00
	week 8	13	65.38 \pm 19.50	66.67	33.33	100.00
	week 12	3	72.22 \pm 4.81	75.00	66.67	75.00
	week 16	3	72.22 \pm 9.62	66.67	66.67	83.33
Cognitive functioning						
	baseline	13	78.21 \pm 19.70	66.67	50.00	100.00
	week 4	12	80.56 \pm 11.96	83.33	66.67	100.00
	week 8	13	67.95 \pm 28.43	66.67	16.67	100.00
	week 12	3	83.33 \pm 16.67	83.33	66.67	100.00
	week 16	3	83.33 \pm 16.67	83.33	66.67	100.00
Social functioning						
	baseline	13	74.36 \pm 17.50	66.67	33.33	100.00
	week 4	12	72.22 \pm 29.59	75.00	16.67	100.00
	week 8	13	53.85 \pm 28.99	66.67	0.00	100.00
	week 12	3	88.89 \pm 19.25	100.00	66.67	100.00
	week 16	3	77.78 \pm 25.46	83.33	50.00	100.00
Symptom scales						
Fatigue						
	baseline	13	35.04 \pm 16.88	33.33	0.00	66.67
	week 4	12	32.41 \pm 17.38	27.78	11.11	66.67
	week 8	13	47.86 \pm 28.83	44.44	11.11	100.00
	week 12	3	29.63 \pm 23.13	22.22	11.11	55.56
	week 16	3	33.33 \pm 29.40	22.22	11.11	66.67
Nausea and vomiting						
	baseline	13	10.26 \pm 12.80	0.00	0.00	33.33
	week 4	12	8.33 \pm 15.08	0.00	0.00	50.00
	week 8	13	15.38 \pm 18.59	16.67	0.00	50.00
	week 12	3	0.00 \pm 0.00	0.00	0.00	0.00
	week 16	3	5.56 \pm 9.62	0.00	0.00	16.67
Pain						
	baseline	13	19.23 \pm 20.24	16.67	0.00	66.67
	week 4	12	31.94 \pm 27.94	33.33	0.00	83.33
	week 8	13	46.15 \pm 24.68	33.33	0.00	83.33
	week 12	3	27.78 \pm 25.46	33.33	0.00	50.00
	week 16	3	27.78 \pm 34.69	16.67	0.00	66.67
Dyspnea						

EORTC QLQ-C30	Visit	n	Mean \pm SD	Median	Min	Max
Constipation	baseline	13	7.69 \pm 14.62	0.00	0.00	33.33
	week 4	12	11.11 \pm 21.71	0.00	0.00	66.67
	week 8	13	23.08 \pm 31.58	0.00	0.00	100.00
	week 12	3	0.00 \pm 0.00	0.00	0.00	0.00
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Diarrhea	baseline	13	12.82 \pm 21.68	0.00	0.00	66.67
	week 4	12	11.11 \pm 21.71	0.00	0.00	66.67
	week 8	13	28.21 \pm 38.12	0.00	0.00	100.00
	week 12	3	0.00 \pm 0.00	0.00	0.00	0.00
	week 16	3	0.00 \pm 0.00	0.00	0.00	0.00
Insomnia	baseline	13	10.26 \pm 28.50	0.00	0.00	100.00
	week 4	12	13.89 \pm 26.43	0.00	0.00	66.67
	week 8	13	7.69 \pm 19.97	0.00	0.00	66.67
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Appetite loss	baseline	13	15.38 \pm 22.01	0.00	0.00	66.67
	week 4	12	27.78 \pm 31.25	33.33	0.00	100.00
	week 8	13	43.59 \pm 28.50	33.33	0.00	100.00
	week 12	3	33.33 \pm 33.33	33.33	0.00	66.67
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Financial difficulties	baseline	13	23.08 \pm 28.50	0.00	0.00	66.67
	week 4	12	30.56 \pm 36.12	16.67	0.00	100.00
	week 8	13	41.03 \pm 41.17	33.33	0.00	100.00
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Financial difficulties	baseline	13	25.64 \pm 30.89	33.33	0.00	100.00
	week 4	12	38.89 \pm 34.33	33.33	0.00	100.00
	week 8	13	30.77 \pm 34.59	33.33	0.00	100.00
	week 12	3	55.56 \pm 19.25	66.67	33.33	66.67
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33

QoL = quality of life; EORTC = European Organization for Research and Treatment of Cancer, QLQ-C30 = Quality of Life Questionnaire Core 30; ITT = intention-to-treat; PP = per-protocol.

Supplemental Table 4 QoL at each visit: EORTC QLQ-PAN26

EORTC QLQ-PAN26	visit	n	Mean \pm SD	Median	Min	Max
ITT set						
Pancreatic pain	baseline	16	77.08 \pm 23.07	83.33	16.67	100.00
	week 4	15	66.67 \pm 26.73	75.00	25.00	100.00
	week 8	16	59.90 \pm 22.82	62.50	33.33	100.00
	week 12	4	64.58 \pm 24.88	66.67	33.33	91.67
	week 16	3	80.56 \pm 33.68	100.00	41.67	100.00
Gastrointestinal distress			—			
	baseline	16	78.13 \pm 29.01	91.67	0.00	100.00
	week 4	15	78.89 \pm 21.33	83.33	33.33	100.00
	week 8	16	69.79 \pm 29.95	66.67	0.00	100.00
	week 12	4	79.17 \pm 25.00	83.33	50.00	100.00
	week 16	3	72.22 \pm 34.69	83.33	33.33	100.00
Jaundice	baseline	16	93.75 \pm 11.98	100.00	66.67	100.00
	week 4	15	92.22 \pm 12.39	100.00	66.67	100.00
	week 8	16	87.50 \pm 15.52	91.67	50.00	100.00
	week 12	4	95.83 \pm 8.33	100.00	83.33	100.00
	week 16	3	88.89 \pm 19.25	100.00	66.67	100.00
Body image alterations	baseline	16	56.25 \pm 38.91	58.33	0.00	100.00
	week 4	15	65.56 \pm 33.61	66.67	0.00	100.00
	week 8	16	55.21 \pm 29.01	50.00	0.00	100.00
	week 12	4	83.33 \pm 13.61	83.33	66.67	100.00
	week 16	3	77.78 \pm 25.46	83.33	50.00	100.00
Altered bowel habits	baseline	16	79.17 \pm 24.72	83.33	16.67	100.00
	week 4	15	78.89 \pm 23.12	83.33	33.33	100.00
	week 8	16	62.50 \pm 27.55	66.67	16.67	100.00
	week 12	4	62.50 \pm 31.55	75.00	16.67	83.33
	week 16	3	55.56 \pm 19.25	66.67	33.33	66.67
Health satisfaction	baseline	16	35.42 \pm 24.25	33.33	0.00	100.00
	week 4	15	54.44 \pm 24.77	50.00	16.67	100.00
	week 8	16	47.92 \pm 32.13	41.67	0.00	100.00
	week 12	4	41.67 \pm 44.10	33.33	0.00	100.00
	week 16	3	16.67 \pm 16.67	16.67	0.00	33.33
Sexuality scale	baseline	16	55.21 \pm 39.78	66.67	0.00	100.00
	week 4	15	58.89 \pm 30.12	66.67	0.00	100.00
	week 8	16	56.25 \pm 35.94	66.67	0.00	100.00
	week 12	4	62.50 \pm 43.83	75.00	0.00	100.00
	week 16	3	66.67 \pm 33.33	66.67	33.33	100.00
Separate questions						
	Bloating abdomen					
	baseline	16	35.42 \pm 25.73	33.33	0.00	66.67
	week 4	15	37.78 \pm 33.01	33.33	0.00	100.00
	week 8	16	54.17 \pm 31.91	66.67	0.00	100.00

EORTC QLQ-PAN26	visit	n	Mean \pm SD	Median	Min	Max
	week 12	4	41.67 \pm 31.91	50.00	0.00	66.67
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Taste changes	baseline	16	29.17 \pm 29.50	33.33	0.00	100.00
	week 4	15	31.11 \pm 34.43	33.33	0.00	100.00
	week 8	16	41.67 \pm 35.49	33.33	0.00	100.00
	week 12	4	25.00 \pm 31.91	16.67	0.00	66.67
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Indigestion	baseline	16	27.08 \pm 34.89	16.67	0.00	100.00
	week 4	15	24.44 \pm 26.63	33.33	0.00	66.67
	week 8	16	39.58 \pm 30.35	33.33	0.00	100.00
	week 12	4	33.33 \pm 27.22	33.33	0.00	66.67
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Flatulence	baseline	16	20.83 \pm 23.96	16.67	0.00	66.67
	week 4	15	17.78 \pm 21.33	0.00	0.00	66.67
	week 8	16	31.25 \pm 30.96	33.33	0.00	100.00
	week 12	4	25.00 \pm 31.91	16.67	0.00	66.67
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Weight loss	baseline	16	22.92 \pm 33.82	0.00	0.00	100.00
	week 4	15	26.67 \pm 31.37	33.33	0.00	100.00
	week 8	16	29.17 \pm 23.96	33.33	0.00	66.67
	week 12	4	8.33 \pm 16.67	0.00	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Decreased muscle strength	baseline	16	31.25 \pm 30.96	33.33	0.00	100.00
	week 4	15	33.33 \pm 25.20	33.33	0.00	66.67
	week 8	16	43.75 \pm 26.44	33.33	0.00	100.00
	week 12	4	33.33 \pm 27.22	33.33	0.00	66.67
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Dry mouth	baseline	16	25.00 \pm 31.03	16.67	0.00	100.00
	week 4	15	31.11 \pm 29.46	33.33	0.00	100.00
	week 8	16	43.75 \pm 35.94	33.33	0.00	100.00
	week 12	4	16.67 \pm 19.25	16.67	0.00	33.33
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33
Treatment side effects	baseline	16	29.17 \pm 36.26	16.67	0.00	100.00
	week 4	15	26.67 \pm 25.82	33.33	0.00	66.67
	week 8	16	35.42 \pm 30.96	33.33	0.00	100.00
	week 12	4	33.33 \pm 27.22	33.33	0.00	66.67
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33
Fear for future health	baseline	16	52.08 \pm 29.74	33.33	0.00	100.00
	week 4	15	51.11 \pm 35.34	66.67	0.00	100.00
	week 8	16	58.33 \pm 19.25	66.67	33.33	100.00
	week 12	4	50.00 \pm 19.25	50.00	33.33	66.67
	week 16	3	44.44 \pm 19.25	33.33	33.33	66.67
Ability to plan ahead						

EORTC QLQ-PAN26	visit	n	Mean \pm SD	Median	Min	Max
	baseline	16	31.25 \pm 33.26	33.33	0.00	100.00
	week 4	15	26.67 \pm 25.82	33.33	0.00	66.67
	week 8	16	50.00 \pm 29.81	66.67	0.00	100.00
	week 12	4	33.33 \pm 27.22	33.33	0.00	66.67
	week 16	3	33.33 \pm 33.33	33.33	0.00	66.67
PP set						
Pancreatic pain	baseline	13	79.49 \pm 17.55	83.33	50.00	100.00
	week 4	12	66.67 \pm 25.87	70.83	25.00	100.00
	week 8	13	60.90 \pm 19.95	66.67	33.33	91.67
	week 12	3	75.00 \pm 16.67	75.00	58.33	91.67
	week 16	3	80.56 \pm 33.68	100.00	41.67	100.00
Gastrointestinal distress	baseline	13	84.62 \pm 19.79	100.00	50.00	100.00
	week 4	12	81.94 \pm 18.06	83.33	50.00	100.00
	week 8	13	69.23 \pm 31.80	66.67	0.00	100.00
	week 12	3	88.89 \pm 19.25	100.00	66.67	100.00
	week 16	3	72.22 \pm 34.69	83.33	33.33	100.00
Jaundice	baseline	13	96.15 \pm 9.99	100.00	66.67	100.00
	week 4	12	91.67 \pm 13.30	100.00	66.67	100.00
	week 8	13	89.74 \pm 16.01	100.00	50.00	100.00
	week 12	3	94.44 \pm 9.62	100.00	83.33	100.00
	week 16	3	88.89 \pm 19.25	100.00	66.67	100.00
Body image alterations	baseline	13	62.82 \pm 35.46	66.67	0.00	100.00
	week 4	12	65.28 \pm 35.86	66.67	0.00	100.00
	week 8	13	56.41 \pm 31.58	50.00	0.00	100.00
	week 12	3	83.33 \pm 16.67	83.33	66.67	100.00
	week 16	3	77.78 \pm 25.46	83.33	50.00	100.00
Altered bowel habits	baseline	13	80.77 \pm 25.32	83.33	16.67	100.00
	week 4	12	77.78 \pm 22.84	83.33	33.33	100.00
	week 8	13	66.67 \pm 25.46	66.67	16.67	100.00
	week 12	3	77.78 \pm 9.62	83.33	66.67	83.33
	week 16	3	55.56 \pm 19.25	66.67	33.33	66.67
Health satisfaction	baseline	13	34.62 \pm 26.75	33.33	0.00	100.00
	week 4	12	54.17 \pm 26.71	50.00	16.67	100.00
	week 8	13	46.15 \pm 34.80	33.33	0.00	100.00
	week 12	3	50.00 \pm 50.00	50.00	0.00	100.00
	week 16	3	16.67 \pm 16.67	16.67	0.00	33.33
Sexuality scale	baseline	13	65.38 \pm 36.30	66.67	0.00	100.00
	week 4	12	54.17 \pm 27.64	66.67	0.00	100.00
	week 8	13	56.41 \pm 34.39	66.67	0.00	100.00
	week 12	3	83.33 \pm 16.67	83.33	66.67	100.00
	week 16	3	66.67 \pm 33.33	66.67	33.33	100.00
Separate questions						
	Bloated abdomen					
	baseline	13	33.33 \pm 23.57	33.33	0.00	66.67

EORTC QLQ-PAN26	visit	n	Mean \pm SD	Median	Min	Max
	week 4	12	38.89 \pm 34.33	33.33	0.00	100.00
	week 8	13	56.41 \pm 34.39	66.67	0.00	100.00
	week 12	3	33.33 \pm 33.33	33.33	0.00	66.67
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Taste changes						
	baseline	13	20.51 \pm 21.68	33.33	0.00	66.67
	week 4	12	27.78 \pm 37.15	16.67	0.00	100.00
	week 8	13	35.90 \pm 37.17	33.33	0.00	100.00
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Indigestion						
	baseline	13	23.08 \pm 31.58	0.00	0.00	100.00
	week 4	12	25.00 \pm 28.87	16.67	0.00	66.67
	week 8	13	38.46 \pm 32.90	33.33	0.00	100.00
	week 12	3	22.22 \pm 19.25	33.33	0.00	33.33
	week 16	3	22.22 \pm 38.49	0.00	0.00	66.67
Flatulence						
	baseline	13	15.38 \pm 17.30	0.00	0.00	33.33
	week 4	12	16.67 \pm 17.41	16.67	0.00	33.33
	week 8	13	28.21 \pm 32.90	33.33	0.00	100.00
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Weight loss						
	baseline	13	10.26 \pm 16.01	0.00	0.00	33.33
	week 4	12	22.22 \pm 29.59	16.67	0.00	100.00
	week 8	13	23.08 \pm 21.01	33.33	0.00	66.67
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Decreased muscle strength						
	baseline	13	23.08 \pm 25.04	33.33	0.00	66.67
	week 4	12	27.78 \pm 23.92	33.33	0.00	66.67
	week 8	13	41.03 \pm 27.74	33.33	0.00	100.00
	week 12	3	22.22 \pm 19.25	33.33	0.00	33.33
	week 16	3	11.11 \pm 19.25	0.00	0.00	33.33
Dry mouth						
	Baseline	13	17.95 \pm 22.01	0.00	0.00	66.67
	week 4	12	36.11 \pm 30.01	33.33	0.00	100.00
	week 8	13	46.15 \pm 37.36	33.33	0.00	100.00
	week 12	3	11.11 \pm 19.25	0.00	0.00	33.33
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33
Treatment side effects						
	baseline	13	17.95 \pm 25.88	0.00	0.00	66.67
	week 4	12	30.56 \pm 26.43	33.33	0.00	66.67
	week 8	13	35.90 \pm 34.59	33.33	0.00	100.00
	week 12	3	22.22 \pm 19.25	33.33	0.00	33.33
	week 16	3	22.22 \pm 19.25	33.33	0.00	33.33
Fear for future health						
	baseline	13	46.15 \pm 28.99	33.33	0.00	100.00
	week 4	12	44.44 \pm 35.77	33.33	0.00	100.00
	week 8	13	61.54 \pm 18.49	66.67	33.33	100.00
	week 12	3	44.44 \pm 19.25	33.33	33.33	66.67

EORTC QLQ-PAN26	visit	n	Mean \pm SD	Median	Min	Max
	week 16	3	44.44 \pm 19.25	33.33	33.33	66.67
Ability to plan ahead						
	baseline	13	23.08 \pm 21.01	33.33	0.00	66.67
	week 4	12	25.00 \pm 25.13	33.33	0.00	66.67
	week 8	13	48.72 \pm 32.25	66.67	0.00	100.00
	week 12	3	22.22 \pm 19.25	33.33	0.00	33.33
	week 16	3	33.33 \pm 33.33	33.33	0.00	66.67

QoL = quality of life; EORTC = European Organization for Research and Treatment of Cancer; QLQ-PAN = Quality of Life Questionnaire in patients with pancreatic cancer; ITT = intention-to-treat; PP = per-protocol.