

Supplementary Table 1. Incidence and severity of adverse events

	All Grade	Grade 1	Grade 2	Grade 3	Grade 4
Patients with AE(s)	27 (100.0)	26 (96.3)	19 (70.4)	8 (29.6)	1 (3.7)
Blood and lymphatic system disorders	2 (7.4)	0	0	2 (7.4)	0
Anaemia	2 (7.4)	0	0	2 (7.4)	0
Cardiac disorders	2 (7.4)	1 (3.7)	1 (3.7)	0	0
Palpitations	1 (3.7)	1 (3.7)	0	0	0
Sinus tachycardia	1 (3.7)	0	1 (3.7)	0	0
Endocrine disorders	1 (3.7)	0	1 (3.7)	0	0
Hypothyroidism	1 (3.7)	0	1 (3.7)	0	0
Gastrointestinal disorders	16 (59.3)	12 (44.4)	8 (29.6)	2 (7.4)	0
Abdominal distension	1 (3.7)	0	1 (3.7)	0	0
Abdominal pain	3 (11.1)	0	3 (11.1)	0	0
Ascites	3 (11.1)	1 (3.7)	2 (7.4)	0	0
Constipation	10 (37.0)	7 (25.9)	3 (11.1)	0	0
Diarrhoea	3 (11.1)	3 (11.1)	0	0	0
Duodenal haemorrhage	1 (3.7)	0	0	1 (3.7)	0
Dyspepsia	5 (18.5)	3 (11.1)	2 (7.4)	0	0
Oesophageal ulcer	1 (3.7)	0	1 (3.7)	0	0
Oesophageal varices haemorrhage	1 (3.7)	0	0	1 (3.7)	0
Gastrointestinal disorders – Other, abdominal colic	1 (3.7)	1 (3.7)	0	0	0
Mucositis oral	1 (3.7)	1 (3.7)	0	0	0
Nausea	6 (22.2)	3 (11.1)	3 (11.1)	0	0
Vomiting	2 (7.4)	2 (7.4)	0	0	0
General disorders and administration site conditions	22 (81.5)	20 (74.1)	8 (29.6)	0	0
Oedema limbs	7 (25.9)	7 (25.9)	0	0	0
Fatigue	16 (59.3)	13 (48.1)	5 (18.5)	0	0
Fever	6 (22.2)	5 (18.5)	2 (7.4)	0	0
Malaise	1 (3.7)	1 (3.7)	0	0	0
Non-cardiac chest pain	1 (3.7)	0	1 (3.7)	0	0
Hepatobiliary disorders	4 (14.8)	1 (3.7)	1 (3.7)	2 (7.4)	0
Hepatobiliary disorders – Other, obstructive jaundice	2 (7.4)	0	0	2 (7.4)	0
Hepatobiliary disorders – Other, tumour rupture	1 (3.7)	0	1 (3.7)	0	0
Hepatobiliary disorders, Other – hepatomegaly	1 (3.7)	1 (3.7)	0	0	0
Immune system disorders	1 (3.7)	0	1 (3.7)	0	0
Allergic reaction	1 (3.7)	0	1 (3.7)	0	0
Infections and infestations	3 (11.1)	1 (3.7)	2 (7.4)	0	0

Infections and infestations – Other, pulmonary tuberculosis	1 (3.7)	0	1 (3.7)	0	0
Upper respiratory infection	2 (7.4)	1 (3.7)	1 (3.7)	0	0
Injury, poisoning and procedural complications	1 (3.7)	1 (3.7)	0	0	0
Bruising	1 (3.7)	1 (3.7)	0	0	0
Investigations	8 (29.6)	4 (14.8)	3 (11.1)	1 (3.7)	1 (3.7)
Alanine aminotransferase increased	1 (3.7)	1 (3.7)	0	0	0
Alkaline phosphatase increased	1 (3.7)	0	0	1 (3.7)	0
Blood bilirubin increased	2 (7.4)	0	1 (3.7)	1 (3.7)	1 (3.7)
Creatinine increased	1 (3.7)	0	0	1 (3.7)	0
Platelet count decreased	1 (3.7)	1 (3.7)	0	0	0
Weight gain	2 (7.4)	0	2 (7.4)	0	0
Weight loss	2 (7.4)	2 (7.4)	0	0	0
Metabolism and nutrition disorders	8 (29.6)	4 (14.8)	6 (22.2)	3 (11.1)	0
Anorexia	2 (7.4)	1 (3.7)	1 (3.7)	0	0
Hypercalcemia	1 (3.7)	0	1 (3.7)	0	0
Hyperglycaemia	1 (3.7)	1 (3.7)	0	0	0
Hyperkalaemia	1 (3.7)	0	1 (3.7)	0	0
Hypoalbuminemia	1 (3.7)	0	1 (3.7)	0	0
Hypokalaemia	4 (14.8)	1 (3.7)	3 (11.1)	0	0
Hyponatremia	4 (14.8)	1 (3.7)	0	3 (11.1)	0
Hypophosphatemia	1 (3.7)	0	0	1 (3.7)	0
Musculoskeletal and connective tissue disorders	3 (11.1)	0	3 (11.1)	0	0
Back pain	1 (3.7)	0	1 (3.7)	0	0
Musculoskeletal and connective tissue disorder – Other, left shoulder pain	1 (3.7)	0	1 (3.7)	0	0
Pain in extremity	1 (3.7)	0	1 (3.7)	0	0
Neoplasms benign, malignant and unspecified (including cysts and polyps)	1 (3.7)	1 (3.7)	0	0	0
Neoplasms benign, malignant and unspecified (including cysts and polyps) – Other, Benign prostatic hyperplasia	1 (3.7)	1 (3.7)	0	0	0
Nervous system disorders	3 (11.1)	0	1 (3.7)	2 (7.4)	0
Nervous system disorders – Other, cord compression	2 (7.4)	0	0	2 (7.4)	0
Nervous system disorders – Other, sciatica	1 (3.7)	0	1 (3.7)	0	0
Psychiatric disorders	5 (18.5)	3 (11.1)	2 (7.4)	0	0
Insomnia	5 (18.5)	3 (11.1)	2 (7.4)	0	0

Renal and urinary disorders	4 (14.8)	3 (11.1)	2 (7.4)	0	0
Renal and urinary disorders – Other, dysuria	3 (11.1)	3 (11.1)	0	0	0
Urinary retention	2 (7.4)	0	2 (7.4)	0	0
Respiratory, thoracic and mediastinal disorders	12 (44.4)	12 (44.4)	4 (14.8)	1 (3.7)	0
Cough	5 (18.5)	5 (18.5)	0	0	0
Dyspnoea	3 (11.1)	3 (11.1)	0	0	0
Epistaxis	1 (3.7)	1 (3.7)	0	0	0
Hiccups	1 (3.7)	0	1 (3.7)	0	0
Pleural effusion	2 (7.4)	2 (7.4)	1 (3.7)	0	0
Pneumothorax	1 (3.7)	0	1 (3.7)	0	0
Productive cough	5 (18.5)	4 (14.8)	1 (3.7)	0	0
Respiratory, thoracic and mediastinal disorders – Other, haemoptysis	1 (3.7)	0	0	1 (3.7)	0
Respiratory, thoracic and mediastinal disorders – Other, runny nose	1 (3.7)	1 (3.7)	0	0	0
Sore throat	3 (11.1)	2 (7.4)	1 (3.7)	0	0
Skin and subcutaneous tissue disorders	5 (18.5)	5 (18.5)	0	0	0
Alopecia	2 (7.4)	2 (7.4)	0	0	0
Dry skin	1 (3.7)	1 (3.7)	0	0	0
Rash maculo-papular	3 (11.1)	3 (11.1)	0	0	0
Skin and subcutaneous tissue disorders – Other, bed sore	1 (3.7)	1 (3.7)	0	0	0
Vascular disorders	1 (3.7)	1 (3.7)	0	1 (3.7)	0
Hematoma	1 (3.7)	1 (3.7)	0	0	0
Thromboembolic event	1 (3.7)	0	0	1 (3.7)	0

(Abbreviations: AE, adverse events)

Supplementary Table 2. Quality of life (EORTC QLQ-C30) at the baseline and end of treatment visit

Global health status		
Baseline		
N		23
Mean (SD)		60.87 (20.480)
Median (Q1, Q3)		58.33 (50.00, 66.67)
Minimum, Maximum		33.33, 100.00
EoT Visit		
N		22
Mean (SD)		54.55 (25.938)
Median (Q1, Q3)		58.33 (33.33, 66.67)
Minimum, Maximum		0.00, 100.00
Physical functioning		
Baseline		
N		23
Mean (SD)		75.36 (15.100)
Median (Q1, Q3)		80.00 (60.00, 86.67)
Minimum, Maximum		46.67, 100.00
EoT Visit		
N		22
Mean (SD)		60.23 (29.922)
Median (Q1, Q3)		70.00 (33.33, 86.67)
Minimum, Maximum		0.00, 100.00
Role functioning		
Baseline		
N		23
Mean (SD)		71.01 (28.523)
Median (Q1, Q3)		66.67 (50.00, 100.00)
Minimum, Maximum		0.00, 100.00
EoT Visit		
N		22
Mean (SD)		65.15 (38.459)
Median (Q1, Q3)		66.67 (50.00, 91.67)
Minimum, Maximum		0.00, 100.00
Emotional functioning		
Baseline		
N		23
Mean (SD)		77.17 (20.752)
Median (Q1, Q3)		66.67 (66.67, 100.00)
Minimum, Maximum		41.67, 100.00
EoT Visit		
N		22
Mean (SD)		72.73 (19.616)
Median (Q1, Q3)		66.67 (66.67, 91.67)
Minimum, Maximum		41.67, 100.00
Cognitive functioning		
Baseline		
N		23
Mean (SD)		82.61 (14.632)

Median (Q1, Q3)	83.33 (66.67, 100.00)
Minimum, Maximum	66.67, 100.00
EoT Visit	
N	22
Mean (SD)	73.48 (20.993)
Median (Q1, Q3)	66.67 (66.67, 100.00)
Minimum, Maximum	33.33, 100.00
Social Functioning	
Baseline	
N	23
Mean (SD)	73.91 (24.009)
Median (Q1, Q3)	66.67 (66.67, 100.00)
Minimum, Maximum	33.33, 100.00
EoT Visit	
N	22
Mean (SD)	68.18 (31.248)
Median (Q1, Q3)	66.67 (66.67, 100.00)
Minimum, Maximum	0.00, 100.00
Fatigue	
Baseline	
N	23
Mean (SD)	31.88 (22.549)
Median (Q1, Q3)	33.33 (22.22, 33.33)
Minimum, Maximum	0.00, 88.89
EoT Visit	
N	22
Mean (SD)	46.46 (30.213)
Median (Q1, Q3)	38.89 (22.22, 66.67)
Minimum, Maximum	0.00, 100.00
Nausea and vomiting	
Baseline	
N	23
Mean (SD)	9.42 (15.752)
Median (Q1, Q3)	0.00 (0.00, 16.67)
Minimum, Maximum	0.00, 50.00
EoT Visit	
N	22
Mean (SD)	17.42 (24.385)
Median (Q1, Q3)	0.00 (0.00, 33.33)
Minimum, Maximum	0.00, 83.33
Pain	
Baseline	
N	23
Mean (SD)	29.71 (24.596)
Median (Q1, Q3)	33.33 (0.00, 50.00)
Minimum, Maximum	0.00, 66.67
EoT Visit	
N	22
Mean (SD)	39.39 (29.343)
Median (Q1, Q3)	33.33 (16.67, 66.67)

Minimum, Maximum	0.00, 100.00
Dyspnoea	
Baseline	
N	23
Mean (SD)	24.64 (22.957)
Median (Q1, Q3)	33.33 (0.00, 33.33)
Minimum, Maximum	0.00, 66.67
EoT Visit	
N	22
Mean (SD)	36.36 (36.960)
Median (Q1, Q3)	33.33 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
Insomnia	
Baseline	
N	23
Mean (SD)	36.23 (30.005)
Median (Q1, Q3)	33.33 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
EoT Visit	
N	22
Mean (SD)	37.88 (33.007)
Median (Q1, Q3)	33.33 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
Appetite loss	
Baseline	
N	23
Mean (SD)	26.09 (31.713)
Median (Q1, Q3)	0.00 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
EoT Visit	
N	22
Mean (SD)	43.94 (40.351)
Median (Q1, Q3)	33.33 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
Constipation	
Baseline	
N	23
Mean (SD)	11.59 (16.233)
Median (Q1, Q3)	0.00 (0.00, 33.33)
Minimum, Maximum	0.00, 33.33
EoT Visit	
N	22
Mean (SD)	18.18 (28.595)
Median (Q1, Q3)	0.00 (0.00, 33.33)
Minimum, Maximum	0.00, 100.00
Diarrhoea	
Baseline	
N	23
Mean (SD)	13.04 (21.879)
Median (Q1, Q3)	0.00 (0.00, 33.33)

	Minimum, Maximum	0.00, 66.67
EoT Visit		
	N	22
	Mean (SD)	12.12 (24.224)
	Median (Q1, Q3)	0.00 (0.00, 0.00)
	Minimum, Maximum	0.00, 66.67
Financial difficulties		
Baseline		
	N	23
	Mean (SD)	47.83 (31.505)
	Median (Q1, Q3)	33.33 (33.33, 66.67)
	Minimum, Maximum	0.00, 100.00
EoT Visit		
	N	22
	Mean (SD)	43.94 (29.790)
	Median (Q1, Q3)	33.33 (33.33, 66.67)
	Minimum, Maximum	0.00, 100.00

(Abbreviations: EoT, end of treatment; SD, standard deviation)

Supplementary Table 3. Quality of life (EORTC QLQ-HCC18) at the baseline and end of treatment visit

Fatigue symptom scale		
Baseline		
N		20
Mean (SD)		35.83 (25.265)
Median (Q1, Q3)		33.33 (11.11, 52.78)
Minimum, Maximum		0.00, 88.89
EoT Visit		
N		22
Mean (SD)		36.87 (26.201)
Median (Q1, Q3)		38.89 (11.11, 44.44)
Minimum, Maximum		0.00, 88.89
Body image scale		
Baseline		
N		20
Mean (SD)		24.17 (23.863)
Median (Q1, Q3)		33.33 (0.00, 33.33)
Minimum, Maximum		0.00, 83.33
EoT Visit		
N		22
Mean (SD)		28.79 (20.041)
Median (Q1, Q3)		33.33 (16.67, 33.33)
Minimum, Maximum		0.00, 83.33
Jaundice symptom scale		
Baseline		
N		20
Mean (SD)		20.00 (21.357)
Median (Q1, Q3)		16.67 (0.00, 33.33)
Minimum, Maximum		0.00, 66.67
EoT Visit		
N		22
Mean (SD)		18.18 (17.750)
Median (Q1, Q3)		16.67 (0.00, 33.33)
Minimum, Maximum		0.00, 66.67
Nutrition scale		
Baseline		
N		20
Mean (SD)		26.67 (24.086)
Median (Q1, Q3)		30.00 (0.00, 43.33)
Minimum, Maximum		0.00, 73.33
EoT Visit		
N		22
Mean (SD)		33.03 (27.639)
Median (Q1, Q3)		26.67 (13.33, 53.33)
Minimum, Maximum		0.00, 86.67
Pain scale		
Baseline		
N		20
Mean (SD)		24.17 (27.823)

Median (Q1, Q3)	16.67 (0.00, 33.33)
Minimum, Maximum	0.00, 100.00
EoT Visit	
N	22
Mean (SD)	25.76 (24.520)
Median (Q1, Q3)	25.00 (0.00, 33.33)
Minimum, Maximum	0.00, 83.33
Fever scale	
Baseline	
N	20
Mean (SD)	5.00 (10.949)
Median (Q1, Q3)	0.00 (0.00, 0.00)
Minimum, Maximum	0.00, 33.33
EoT Visit	
N	22
Mean (SD)	13.64 (20.339)
Median (Q1, Q3)	0.00 (0.00, 16.67)
Minimum, Maximum	0.00, 66.67
Abdominal swelling	
Baseline	
N	20
Mean (SD)	16.67 (27.572)
Median (Q1, Q3)	0.00 (0.00, 33.33)
Minimum, Maximum	0.00, 100.00
EoT Visit	
N	22
Mean (SD)	24.24 (25.577)
Median (Q1, Q3)	33.33 (0.00, 33.33)
Minimum, Maximum	0.00, 100.00
Sex life	
Baseline	
N	17
Mean (SD)	35.29 (36.268)
Median (Q1, Q3)	33.33 (0.00, 66.67)
Minimum, Maximum	0.00, 100.00
EoT Visit	
N	19
Mean (SD)	43.86 (41.652)
Median (Q1, Q3)	33.33 (0.00, 100.00)
Minimum, Maximum	0.00, 100.00

(Abbreviations: EoT, end of treatment; SD, standard deviation)