

Clinical trial results:

A Phase III randomized, placebo controlled, double blind trial of Sorafenib plus Erlotinib vs. Sorafenib plus placebo as First Line systemic treatment for Hepatocellular Carcinoma (HCC) Summary

EudraCT number	2008-006021-14	
Trial protocol	DE ES GB BE FR IT BG AT GR	
Global end of trial date	23 May 2018	
Results information		
Result version number	v1 (current)	
This version publication date	01 June 2019	
First version publication date	01 June 2019	

Trial information

Trial identification	
Sponsor protocol code	BAY43-9006/12917
Additional study identifiers	
ISRCTN number	-
ClinicalTrials.gov id (NCT number)	NCT00901901
WHO universal trial number (UTN)	-
Notes:	

Sponsors	
Sponsor organisation name	Bayer AG
Sponsor organisation address	Kaiser-Wilhelm-Allee, Leverkusen, Germany, D-51368
Public contact	Therapeutic Area Head, Bayer AG, clinical-trials-contact@bayer.com
Scientific contact	Therapeutic Area Head, Bayer AG, clinical-trials-contact@bayer.com

Notes:

Paediatric regulatory details	
Is trial part of an agreed paediatric investigation plan (PIP)	No
Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial?	No
Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial?	No

Notes:

Results analysis stage	
Analysis stage	Final
Date of interim/final analysis	23 May 2018
Is this the analysis of the primary completion data?	No
Global end of trial reached?	Yes
Global end of trial date	23 May 2018
Was the trial ended prematurely?	No

Notes:

General information about the trial

Main objective of the trial:

Primary objective: Overall Survival (OS) Secondary objectives: -Time to radiographic tumor progression (TTP) -Disease control rate (DCR) (proportion of subjects who had a best response rating of complete response [CR], partial response [PR], or stable disease [SD] according to Response Evaluation Criteria in Solid Tumors [RECIST] criteria, that was maintained for at least 28 days from the first demonstration of that rating) -Safety -Health Related Quality of Life (HRQoL) and utility values as measured by the European Quality of life scale (5 dimensions) (EQ-5D)

Protection of trial subjects:

The conduct of this clinical study met all local legal and regulatory requirements. The study was conducted in accordance with the ethical principles that have their origin in the Declaration of Helsinki and the International Council for Harmonisation (ICH) guideline E6: Good Clinical Practice (GCP).

Background	therapy:	-
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Evidence for comparator: -	
Actual start date of recruitment	21 May 2009
Long term follow-up planned	No
Independent data monitoring committee (IDMC) involvement?	Yes

Notes:

Population of trial subjects	
Subjects enrolled per country	
Country: Number of subjects enrolled	Austria: 3
Country: Number of subjects enrolled	Australia: 10
Country: Number of subjects enrolled	Belgium: 24
Country: Number of subjects enrolled	Bulgaria: 23
Country: Number of subjects enrolled	Brazil: 59
Country: Number of subjects enrolled	Canada: 2
Country: Number of subjects enrolled	Chile: 12
Country: Number of subjects enrolled	China: 49
Country: Number of subjects enrolled	Colombia: 3
Country: Number of subjects enrolled	Germany: 53
Country: Number of subjects enrolled	Spain: 28
Country: Number of subjects enrolled	France: 76
Country: Number of subjects enrolled	United Kingdom: 52
Country: Number of subjects enrolled	Greece: 6
Country: Number of subjects enrolled	Hong Kong: 11
Country: Number of subjects enrolled	Israel: 19
Country: Number of subjects enrolled	Italy: 20

Country: Number of subjects enrolled	Korea, Republic of: 49
Country: Number of subjects enrolled	New Zealand: 21
Country: Number of subjects enrolled	Peru: 9
Country: Number of subjects enrolled	Poland: 23
Country: Number of subjects enrolled	Russian Federation: 32
Country: Number of subjects enrolled	Singapore: 12
Country: Number of subjects enrolled	Taiwan: 26
Country: Number of subjects enrolled	United States: 88
Country: Number of subjects enrolled	South Africa: 10
Worldwide total number of subjects	720
EEA total number of subjects	308

Notes:

Subjects enrolled per age group	
In utero	0
Preterm newborn - gestational age < 37 wk	0
Newborns (0-27 days)	0
Infants and toddlers (28 days-23 months)	0
Children (2-11 years)	0
Adolescents (12-17 years)	0
Adults (18-64 years)	440
From 65 to 84 years	279
85 years and over	1

Subject disposition

Recruitment

Recruitment details:

The study was conducted at 128 study centers in 26 countries in North America, South America, Europe, Africa, and Asia.

Pre-assignment

Screening details:

Of the 962 screened participants, 242 were screen failures and were excluded from participated in the study. A total of 720 participants were randomized to study arms: 358 participants in the sorafenib + placebo group and 362 participants in the sorafenib + erlotinib group.

Period 1	
Period 1 title	Treatment period (overall period)
Is this the baseline period?	Yes
Allocation method	Randomised - controlled
Blinding used	Double blind
Roles blinded	Subject, Investigator
Arms	
Are arms mutually exclusive?	Yes
Arm title	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)
Arm description:	
Participants received sorafenib 400 mg t	twice daily (bid) and erlotinib 150 mg tablet once daily (qd)
Arm type	Experimental
Investigational medicinal product name	Erlotinib
Investigational medicinal product code	
Other name	Tarceva
Pharmaceutical forms	Tablet
Routes of administration	Oral use
Dosage and administration details:	
The starting dose was 150 mg once dails	У
Investigational medicinal product name	Sorafenib
Investigational medicinal product code	BAY 43-9006
Other name	Nexavar
Pharmaceutical forms	Tablet
Routes of administration	Oral use
Dosage and administration details:	
The starting dose was 400 mg twice a d	ay
Arm title	Sorafenib (Nexavar, BAY43-9006) + Placebo
Arm description:	•
Participants received sorafenib 400 mg tonce daily (qd)	twice daily (bid) and matching erlotinib placebo 150 mg tablet
Arm type	Experimental
Investigational medicinal product name	Matching placebo

Dosage and administration details:

Other name

Pharmaceutical forms

Routes of administration

The starting dose was 150 mg once daily

Investigational medicinal product code

Tablet Oral use

Investigational medicinal product name	Sorafenib
Investigational medicinal product code	BAY 43-9006
Other name	Nexavar
Pharmaceutical forms	Tablet
Routes of administration	Oral use

Dosage and administration details:

The starting dose was 400 mg twice a day

Number of subjects in period 1	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY43-9006) + Placebo
Started	362	358
Participants received treatment	362	355
Completed	193	181
Not completed	169	177
Consent withdrawn by subject	26	24
Physician decision	2	2
Adverse event, non-fatal	120	128
Protocol driven decision point	-	2
Switch to commercial drug	1	1
Study terminated by sponsor	2	-
Noncompliance with study medication	4	1
Transfer to treatment continuation study	5	2
Never treated	-	3
Lost to follow-up	3	5
Missing	1	-
Protocol deviation	5	9

Baseline characteristics

Reporting groups		
Reporting group title	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	
Reporting group description:		
Participants received sorafenib 400 mg twice daily (bid) and erlotinib 150 mg tablet once daily (qd)		
Reporting group title	Sorafenib (Nexavar, BAY43-9006) + Placebo	
Reporting group description:		
Participants received sorafenib 400 mg twice daily (bid) and matching erlotinib placebo 150 mg tablet once daily (qd)		

Reporting group values	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY43-9006) + Placebo	Total
Number of subjects	362	358	720
Age categorical			
Units: Subjects			
In utero			0

Extrahepatic spread			
Units: Subjects			
Extrahepatic spread: Yes	205	219	424
Extrahepatic spread: No	157	139	296

Subject analysis sets		
Subject analysis set title	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	
Subject analysis set type	Full analysis	
Subject analysis set description:		
Participants received sorafenib 400	0 mg twice daily (bid) and erlotinib 150 mg tablet once daily (qd)	
Subject analysis set title	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject analysis set type	Full analysis	
	•	

Subject analysis set description:

Participants received sorafenib 400 mg twice daily (bid) and matching erlotinib placebo 150 mg tablet once daily (qd)

	1	1	1
Reporting group values	Sorafenib (Nexavar, BAY 43-9006) +	Sorafenib (Nexavar,	
	Erlotinib (Tarceva)	BAY 43-9006) + Placebo	
Number of subjects	362	358	
Age categorical			
Units: Subjects			
In utero			
Preterm newborn infants (gestational age < 37 wks)			
Newborns (0-27 days)			
Infants and toddlers (28 days-23 months)			
Children (2-11 years)			
Adolescents (12-17 years)			
Adults (18-64 years)			
From 65-84 years			
85 years and over			
Age Continuous			
Units: Years			
arithmetic mean	60.3	59.5	
standard deviation	± 11.8	± 13.0	
Sex: Female, Male			
Units: Subjects			
Female			
Male			
Smoking status			
Units: Subjects			
non-smoker			
former smoker			
current smoker			
ECOG stratification group			
Eastern Cooperative Oncology Group (EC strenuous activity but ambulatory and al			
Units: Subjects			
Grade 0			
Grade 1			

Macroscopic vascular invasion		
Units: Subjects		
Macroscopic vascular invasion: Yes		
Macroscopic vascular invasion: No		
Extrahepatic spread		
Units: Subjects		
Extrahepatic spread: Yes		
Extrahepatic spread: No		

EU-CTR publication date: 01 June 2019

End points

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Reporting group title	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	
Reporting group description:		
Participants received sorafenib 400 mg t	wice daily (bid) and erlotinib 150 mg tablet once daily (qd)	
Reporting group title	Sorafenib (Nexavar, BAY43-9006) + Placebo	
Reporting group description:		
Participants received sorafenib 400 mg tonce daily (qd)	wice daily (bid) and matching erlotinib placebo 150 mg tablet	
Subject analysis set title	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	
Subject analysis set type	Full analysis	
Subject analysis set description:		
Participants received sorafenib 400 mg t	wice daily (bid) and erlotinib 150 mg tablet once daily (qd)	
Subject analysis set title	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject analysis set type	Full analysis	
Subject analysis set description:		
Participants received sorafenib 400 mg twice daily (bid) and matching erlotinib placebo 150 mg tablet once daily (qd)		

Primary: Overall survival

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End point title	Overall survival
End point description:	
Overall Survival (OS) was defined as the	ne time from date of randomization to death due to any cause.
End point type	Primary
End point timeframe:	

From randomization of the first patient until 34 months or date of death of any cause whichever came first

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Days			
median (confidence interval 95%)	289 (250 to 321)	259 (226 to 322)	

Statistical analyses

Statistical analysis title	Log rank test	
Statistical analysis description:		
A one-sided log-rank test stratified by tumor burden, region, and ECOG at baseline was conducted.		
Comparison groups	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva) v Sorafenib (Nexavar, BAY 43-9006) + Placebo	

Number of subjects included in analysis	720
Analysis specification	Pre-specified
Analysis type	other
P-value	= 0.204
Method	Logrank
Parameter estimate	Hazard ratio (HR)
Point estimate	0.9292
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.7805
upper limit	1.1061

Secondary: Time to radiological t	cumor progression (TTP)
End point title	Time to radiological tumor progression (TTP)

End point description:

TTP was the time from randomization to radiological tumor progression. Participants without radiological tumor progression at the time of analysis were censored at their last date of tumor evaluation. Progressive disease (PD) was defined using Response Evaluation Criteria in Solid Tumors (RECIST version 1.0), as at least a 20% increase in the sum of longest diameter (LD) of measured lesions taking as references the smallest sum LD recorded since the treatment started or the appearance of 1 or more new lesions. Appearance of new lesions also constituted PD.

End point type	Secondary
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End point timeframe:

From randomization of the first participant until 34 months later (cut-off date), assessed every 6 weeks

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Days			
median (confidence interval 95%)	97 (82 to 126)	122 (88 to 136)	

Statistical analyses

No statistical analyses for this end point

Secondary: Disease control End point title Disease control

End point description:

Disease control was defined as the number of participants who had a best response rating of complete response (CR), partial response (PR), or stable disease (SD) according to RECIST assessed by magnetic resonance imaging (MRI) that was confirmed at least 28 days from the first demonstration of that

rating. CR: disappearance of all clinical and radiological evidence of target and non-target tumors. PR: at least a 30% decrease in the sum of LD of target lesions taking as reference the baseline sum LD. SD: steady state of disease. Neither sufficient shrinkage for PR nor sufficient increase for PD.

End point type Secondary

End point timeframe:

From randomization of the first participant until 34 months later (cut-off date), assessed every 6 weeks

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Participants	159	188	

Statistical analyses

No statistical analyses for this end point

Secondary: Health-related quality of life and utility values as measured by EQ-5D - Index

End point title	Health-related quality of life and utility values as measured by
	EQ-5D - Index

End point description:

The European quality of life scale (5 dimensions) (EQ-5D) questionnaire was given to the participants at each visit. The EQ-5D questionnaire consisted of 5 ordinal categorical responses (mobility, self-care, usual activities, pain/discomfort, and anxiety/depression). The scores for the EQ-5D dimensions are assigned according to the level of problems reported (1 'no problems'; 2 'some problems'; 3 'extreme problems'). The 5 health dimensions are summarized into a single score, the EQ-5D index score. The EQ-5D index score has a range of 0 and 1 with 0 representing death and 1 representing perfect health.

End point type Secondary

End point timeframe:

The EQ-5D was administered at the beginning of the visit prior to seeing the investigator. Questionnaires were to be completed every 6 weeks (Day 1 of each cycle) for subsequent cycles and at the end of treatment visit.

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Scores on a scale			
least squares mean (confidence interval 95%)			
cycle1	0.777 (0.760 to 0.795)	0.774 (0.757 to 0.790)	

cycle2	0.753 (0.735 to 0.771)	0.749 (0.732 to 0.766)	
cycle3	0.728 (0.708 to 0.748)	0.724 (0.706 to 0.743)	
cycle4	0.704 (0.681 to 0.726)	0.700 (0.678 to 0.721)	
cycle5	0.679 (0.653 to 0.705)	0.675 (0.650 to 0.700)	
cycle6	0.654 (0.625 to 0.684)	0.651 (0.622 to 0.679)	

Statistical analyses

No statistical analyses for this end point

Secondary: Health-related quality of life and utility values as measured by EQ-5D - VAS

End point title	Health-related quality of life and utility values as measured by
	EQ-5D - VAS

End point description:

Participants indicated on a scale of 0 (worst) to 100 (best) how good or bad their health state was on that particular day.

End point type Seco	ndary
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End point timeframe:

The EQ-5D VAS was administered at the beginning of the visit prior to seeing the investigator. Questionnaires were to be completed every 6 weeks (Day 1 of each cycle) for subsequent cycles and at the end of treatment visit.

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Scores on a scale			
least squares mean (confidence interval 95%)			
cycle1	74.397 (73.219 to 75.576)	74.656 (73.504 to 75.808)	
cycle2	72.649 (71.420 to 73.877)	72.907 (71.735 to 74.080)	
cycle3	70.900 (69.518 to 72.281)	71.158 (69.854 to 72.462)	
cycle4	69.151 (67.542 to 70.759)	69.409 (67.891 to 70.927)	
cycle5	67.402 (65.520 to 69.283)	67.660 (65.875 to 69.445)	

cycle6	65.653 (63.468	65.911 (63.827	
·	to 67.837)	to 67.996)	

Statistical analyses

No statistical analyses for this end point

Other pre-specified: Duration of response

End point title	Duration of response
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End point description:

Duration of response - RECIST: number of days from the date that CR or PR is first documented to date that PD is first objectively documented or to death before progression. Note: the relevant date is that of the first documentation, not the confirmation date (if participant progressed or died then censored=no) or to last observation if participant did not progress or die then censored=yes note: this last observation date should be the same as that used for time to progression.

End point type	Other pre-specified

End point timeframe:

From randomization of the first participant until 34 months later (cut-off date), assessed every 6 weeks

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	24	14 ^[1]	
Units: Days			
median (confidence interval 95%)	297 (100 to 427)	168 (90 to 99999)	

Notes:

[1] - For below CI: 99999 indicates that the upper bound of the CI was not available due to censored data.

Statistical analyses

No statistical analyses for this end point

Other pre-specified: Time to response

End point title	Time to response

End point description:

Time to response was the number of days from randomization to the date the CR or PR was documented (with confirmation) (Note: the relevant date is that of the first documentation, not the confirmation date).

End point type Other pre-specified

End point timeframe:

From randomization of the first participant until 34 months later (cut-off date), assessed every 6 weeks

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	24	14	
Units: Days			
median (confidence interval 95%)	84.5 (47 to 122)	83.5 (39 to 331)	

Statistical analyses

No statistical analyses for this end point

Other pre-specified: Tumor response

End point title	Tumor response

End point description:

Tumor response was the proportion of participants with the best tumor response (ie, achieving either a confirmed complete response [CR] or partial response [PR], according to Response Evaluation Criteria in Solid Tumors [RECIST] criteria).

End point type	Other pre-specified
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End point timeframe:

From randomization of the first participant until 34 months later (cut-off date), assessed every 6 weeks

End point values	Sorafenib (Nexavar, BAY 43-9006) + Erlotinib (Tarceva)	Sorafenib (Nexavar, BAY 43-9006) + Placebo	
Subject group type	Subject analysis set	Subject analysis set	
Number of subjects analysed	362	358	
Units: Participants	24	14	

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information				
Timeframe for reporting adverse events:				
From start of treatment up to 30 days af	ter the last dose of study medication			
Assessment type	Non-systematic			
Dictionary used				
Dictionary name	MedDRA			
Dictionary version	21.0			
Reporting groups				
Reporting group title Sorafenib (Nexavar, BAY43-9006) + Placebo				
Reporting group description:				
Participants received sorafenib 400 mg twice daily (bid) and matching erlotinib placebo 150 mg tablet once daily (qd).				
Reporting group title Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)				
Reporting group description:				

Participants received sorafenib 400 mg twice daily (bid) and erlotinib 150 mg tablet once daily (qd).

Serious adverse events	Sorafenib (Nexavar, BAY43-9006) + Placebo	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	
Total subjects affected by serious adverse events			
subjects affected / exposed	198 / 355 (55.77%)	214 / 362 (59.12%)	
number of deaths (all causes)	271	258	
number of deaths resulting from adverse events	73	83	
Neoplasms benign, malignant and unspecified (incl cysts and polyps)			
Secondary Malignancy (possibly related to cancer treatment)			
subjects affected / exposed	2 / 355 (0.56%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	3 / 5	1 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular disorders			
CNS hemorrhage			
subjects affected / exposed	2 / 355 (0.56%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	1/3	0 / 4	
deaths causally related to treatment / all	1/2	0 / 2	
Hematoma			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0/0	0 / 0	

Hemorrhage - Other			
subjects affected / exposed	4 / 355 (1.13%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	3 / 5	1/1	
deaths causally related to treatment / all	1 / 2	0 / 0	
Hemorrhage pulmonary, Bronchopulmonary NOS			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1/1	
deaths causally related to treatment / all	0 / 0	1/1	
Hemorrhage pulmonary, Nose			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	2 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage pulmonary, Respiratory tract NOS			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Abdomen NOS			
subjects affected / exposed	8 / 355 (2.25%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	1 / 10	3 / 3	
deaths causally related to treatment / all	0 / 1	0 / 0	
Hemorrhage with surgery			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Hemorrhage, GI, Anus			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Colon			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Duodenum			

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subjects affected / exposed	2 / 355 (0.56%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 2	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Liver			
subjects affected / exposed	1 / 355 (0.28%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 1	1 / 2	
deaths causally related to treatment / all	0 / 0	1 / 2	
Hemorrhage, GI, Esophagus			
subjects affected / exposed	4 / 355 (1.13%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	2 / 4	1 / 7	
deaths causally related to treatment / all	0 / 1	0 / 1	
Hemorrhage, GI, Lower GI NOS			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	3 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Oral cavity			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhage, GI, Stomach			
subjects affected / exposed	4 / 355 (1.13%)	6 / 362 (1.66%)	
occurrences causally related to treatment / all	1 / 4	1 / 7	
deaths causally related to treatment / all	0 / 0	0 / 1	
Hemorrhage, GI, Upper GI NOS			
subjects affected / exposed	7 / 355 (1.97%)	11 / 362 (3.04%)	
occurrences causally related to treatment / all	3 / 9	1 / 13	
deaths causally related to treatment / all	0 / 1	0 / 3	
Hemorrhage, GI, Varices (esophageal)			
subjects affected / exposed	11 / 355 (3.10%)	6 / 362 (1.66%)	
occurrences causally related to treatment / all	6 / 18	1 / 7	
deaths causally related to treatment / all	0 / 1	0 / 2	
Hemorrhage, GI, Varices (rectal)			

subjects affected / exposed

occurrences causally related to treatment / all

deaths causally related to

treatment / all

Constitutional Symptoms - Other		1
subjects affected / exposed	19 / 355 (5.35%)	11 / 362 (3.04%)
occurrences causally related to treatment / all	6 / 23	3 / 15
deaths causally related to treatment / all	1 / 12	0 / 7
Death not associated with CTCAE term, Death NOS		
subjects affected / exposed	1 / 355 (0.28%)	7 / 362 (1.93%)
occurrences causally related to treatment / all	0 / 1	0 / 7
deaths causally related to treatment / all	0 / 1	0 / 7
Death not associated with CTCAE term, Disease Progression NOS		
subjects affected / exposed	17 / 355 (4.79%)	18 / 362 (4.97%)
occurrences causally related to treatment / all	1 / 17	0 / 18
deaths causally related to treatment / all	1 / 17	0 / 18
Death not associated with CTCAE term, Multi-Organ Failure		
subjects affected / exposed	3 / 355 (0.85%)	5 / 362 (1.38%)
occurrences causally related to treatment / all	0 / 3	1 / 5
deaths causally related to treatment / all	0/3	1 / 5
Fatigue		
subjects affected / exposed	8 / 355 (2.25%)	11 / 362 (3.04%)
occurrences causally related to treatment / all	12 / 15	9 / 14
deaths causally related to treatment / all	0 / 0	0 / 0
Fever		
subjects affected / exposed	11 / 355 (3.10%)	12 / 362 (3.31%)
occurrences causally related to treatment / all	4 / 13	7 / 15
deaths causally related to treatment / all	0 / 0	0 / 0
Flu-like syndrome		
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)
occurrences causally related to treatment / all	1 / 1	0 / 0
deaths causally related to treatment / all	0 / 0	0 / 0
No Code In CTCAE		
subjects affected / exposed	10 / 355 (2.82%)	3 / 362 (0.83%)
occurrences causally related to treatment / all	2 / 11	0 / 3
deaths causally related to treatment / all	0 / 1	0 / 0

subjects affected / exposed 15 /	OFF /	10 / 000 / 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
137	355 (4.23%)	12 / 362 (3.31%)
occurrences causally related to treatment / all	3 / 15	1 / 19
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Back		
subjects affected / exposed 3 / 1	355 (0.85%)	0 / 362 (0.00%)
occurrences causally related to treatment / all	0/3	0 / 0
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Bone		
subjects affected / exposed 2 / 1	355 (0.56%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 2	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Chest wall		
subjects affected / exposed 0 / 1	355 (0.00%)	5 / 362 (1.38%)
occurrences causally related to treatment / all	0 / 0	3 / 6
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Chest/thorax NOS		
subjects affected / exposed 1 / 1	355 (0.28%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	1 / 1	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Extremity - limb		
subjects affected / exposed 0 / 1	355 (0.00%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 0	1 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Joint		
subjects affected / exposed 1 / 1	355 (0.28%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 1	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Other (Specify)	j	İ
	355 (0.00%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 0	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Pain, Muscle	i	·

subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pain, Pain NOS			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pain, Scrotum			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0/0	0 / 0	
Pain, Stomach			
subjects affected / exposed	0 / 355 (0.00%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	0 / 0	2 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pain, Tumor pain			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Syndromes - Other			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	2 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Weight gain			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Weight loss			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory, thoracic and mediastinal			
disorders Dyspnea (shortness of breath)			
1 -/ (5.101-61-655-51-61-611)	1		ı

subjects affected / exposed	4 / 355 (1.13%)	7 / 362 (1.93%)	
occurrences causally related to treatment / all	0 / 8	1 / 10	
deaths causally related to treatment / all	0 / 0	0 / 3	
Pleural effusion			
subjects affected / exposed	7 / 355 (1.97%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	0 / 8	1 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Нурохіа			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonitis			
subjects affected / exposed	2 / 355 (0.56%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Pulmonary - Other			
subjects affected / exposed	2 / 355 (0.56%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Injury, poisoning and procedural complications			
Intraop injury, Lung			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac disorders			
Cardiac General - Other			
subjects affected / exposed	3 / 355 (0.85%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 3	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Cardiac ischemia/infarction subjects affected / exposed	4 / 355 (1.13%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	1 / 4	0 / 3	
deaths causally related to treatment / all	1 / 2	0 / 2	
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Conduction abnormality, asystole subjects affected / exposed	1 / 255 /0 200/	0 / 262 / 2 222	
	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	1 / 1	0 / 0	
Hypertension			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	2 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypotension			
subjects affected / exposed	2 / 355 (0.56%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	0 / 2	0/3	
deaths causally related to treatment / all	0 / 1	0 / 1	
Pericardial effusion			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary hypertension			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
SupraVentricular arrhythmia, Atrial fibrillation			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
SupraVentricular arrhythmia, Sinus bradycardia			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
SupraVentricular arrhythmia, Sinus tachycardia		İ	
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
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Ventricular arrhythmia, Bigeminy			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Nervous system disorders			
CNS ischemia			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cognitive disturbance			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mood Alteration, Agitation			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Confusion			
subjects affected / exposed	6 / 355 (1.69%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	2 / 9	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Encephalopathy			
subjects affected / exposed	6 / 355 (1.69%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	5 / 8	7 / 16	
deaths causally related to treatment / all	1 / 1	0 / 0	
Neuropathy: Cranial, CN V Motor-jaw muscles; Sensory-facial		 	
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neurology - Other			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0/0	
deaths causally related to treatment / all	0 / 0	0 / 0	

Mood Alteration, Depression		1	
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neuropathy: motor			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	3 / 3	0 / 14	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neuropathy: sensory			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	6 / 6	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Seizure			
subjects affected / exposed	2 / 355 (0.56%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	1 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0/0	
Syncope (fainting)			
subjects affected / exposed	3 / 355 (0.85%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	3 / 4	1/2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood and lymphatic system disorders			
Blood - Other			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0/0	0 / 0	
Edema: Limb			
subjects affected / exposed	4 / 355 (1.13%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 6	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemoglobin			
subjects affected / exposed	9 / 355 (2.54%)	8 / 362 (2.21%)	
occurrences causally related to treatment / all	8 / 15	3 / 12	
deaths causally related to treatment / all	0 / 0	0 / 0	
INR			

subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neutrophils			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Platelets			
subjects affected / exposed	2 / 355 (0.56%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 2	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Eye disorders			
Blurred vision			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cataract			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ocular - Other			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	2 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Uveitis			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	3 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal disorders			
Anorexia			
subjects affected / exposed	1 / 355 (0.28%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	0 / 1	6/8	
deaths causally related to treatment / all	0/0	0 / 0	
Ascites			

subjects affected / exposed	13 / 355 (3.66%)	14 / 362 (3.87%)	
occurrences causally related to treatment / all	7 / 21	4 / 26	
deaths causally related to treatment / all	0 / 0	0 / 0	
Constipation			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dehydration			
subjects affected / exposed	5 / 355 (1.41%)	12 / 362 (3.31%)	
occurrences causally related to treatment / all	1 / 5	6 / 14	
deaths causally related to treatment / all	0 / 0	0 / 1	
Diarrhea			
subjects affected / exposed	3 / 355 (0.85%)	15 / 362 (4.14%)	
occurrences causally related to treatment / all	4 / 4	16 / 16	
deaths causally related to treatment / all	0 / 0	0 / 0	
Distension			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Enteritis			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fistula, GI, Abdomen NOS			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fistula, GI, Anus			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fistula, GI, Stomach			
		'	

subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
GI - Other			
subjects affected / exposed	4 / 355 (1.13%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 6	0 / 1	
deaths causally related to treatment / all	1 / 1	0 / 0	
Gastritis			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 2	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Heartburn			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	2 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemorrhoids			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ileus			
subjects affected / exposed	0 / 355 (0.00%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 0	0/3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mucositis (clinical exam), Large bowel			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mucositis (functional/symptomatic), Oral cavity	<u> </u> -		
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1/1	
deaths causally related to treatment / all	0 / 0	0 / 0	
<u> </u>			

1 / 355 (0.28%)	0 / 362 (0.00%)	
0 / 1	0 / 0	
0 / 0	0 / 0	
1 / 355 (0.28%)	0 / 362 (0.00%)	
0 / 2	0 / 0	
0 / 0	0 / 0	
1 / 355 (0.28%)	0 / 362 (0.00%)	
0 / 2	0 / 0	
0 / 0	0 / 0	
0 / 355 (0.00%)	1 / 362 (0.28%)	
0 / 0	0 / 1	
0 / 0	0 / 0	
0 / 355 (0.00%)	1 / 362 (0.28%)	
0 / 0	0 / 1	
0 / 0	0 / 1	
1 / 355 (0.28%)	0 / 362 (0.00%)	
0 / 2	0 / 0	
0 / 1	0 / 0	
0 / 355 (0.00%)	1 / 362 (0.28%)	
0 / 0	1 / 1	
0 / 0	1 / 1	
0 / 355 (0.00%)	1 / 362 (0.28%)	
0 / 0	0 / 2	
0 / 0	0 / 0	
	0 / 1 0 / 0 1 / 355 (0.28%) 0 / 2 0 / 0 1 / 355 (0.28%) 0 / 2 0 / 0 0 / 355 (0.00%) 0 / 0 0 / 0 1 / 355 (0.28%) 0 / 0 1 / 355 (0.00%) 0 / 0 0 / 0 1 / 355 (0.00%) 0 / 0 0 / 0 0 / 0 0 / 0 0 / 0	0/1 0/0 0/0 0/0 1/355 (0.28%) 0/362 (0.00%) 0/2 0/0 0/0 0/0 1/355 (0.28%) 0/362 (0.00%) 0/2 0/0 0/0 0/0 0/0 0/1 0/0 0/1 0/0 0/1 0/0 0/1 0/0 0/1 0/0 0/1 1/362 (0.28%) 0/362 (0.00%) 0/2 0/0 0/1 0/0 1/362 (0.28%) 0/0 1/1 0/0 1/1 0/0 1/1 0/0 1/362 (0.28%) 0/0 0/0 1/362 (0.28%) 0/0 1/362 (0.28%)

subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 1	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ulcer, GI, Stomach			
subjects affected / exposed	1 / 355 (0.28%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	0 / 1	1 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vomiting			
subjects affected / exposed	3 / 355 (0.85%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	2 / 3	2 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatobiliary disorders			
Cholecystitis			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatobiliary - Other			
subjects affected / exposed	8 / 355 (2.25%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	0 / 9	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Liver dysfunction			
subjects affected / exposed	30 / 355 (8.45%)	36 / 362 (9.94%)	
occurrences causally related to treatment / all	10 / 37	5 / 44	
deaths causally related to treatment / all	4 / 18	2 / 21	
Pancreatitis			
subjects affected / exposed	2 / 355 (0.56%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	1 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin and subcutaneous tissue disorders			
Acne			
subjects affected / exposed	0 / 355 (0.00%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	0 / 0	2 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bruising			

subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal failure			
subjects affected / exposed	8 / 355 (2.25%)	10 / 362 (2.76%)	
occurrences causally related to treatment / all	1 / 13	3 / 12	
deaths causally related to treatment / all	1/3	0 / 4	
Urinary retention			
subjects affected / exposed	0 / 355 (0.00%)	4 / 362 (1.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 5	
deaths causally related to treatment / all	0 / 0	0/0	
Musculoskeletal and connective tissue disorders			
Fracture	_ , ,	_ , ,	
subjects affected / exposed	0 / 355 (0.00%)	6 / 362 (1.66%)	
occurrences causally related to treatment / all	0 / 0	0 / 9	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscle weakness, Extremity - lower			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	2 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscle weakness, Whole body/generalized			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Musculoskeletal - Other			
subjects affected / exposed	2 / 355 (0.56%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infections and infestations			
Colitis, infectious			
subjects affected / exposed	0 / 355 (0.00%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	0 / 0	1 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	

Infection (Documented clinically), Biliary tree			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection (Documented clinically), Bladder (urinary)			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection (Documented clinically), Blood			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Infection (Documented clinically), Peritoneal Cavity			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Infection (Documented clinically), Lung (pneumonia)			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection (Documented clinically), Skin (cellulitis)	ĺ	Ì	
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection - Other			
subjects affected / exposed	7 / 355 (1.97%)	5 / 362 (1.38%)	
occurrences causally related to treatment / all	1 / 7	0 / 5	
deaths causally related to treatment / all	1 / 2	0 / 1	
Infection with normal ANC, Abdomen NOS			

Subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatm				
treatment / all deaths causally related to treatment / all on	subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
Infection with normal ANC, Blood subjects affected / exposed occurrences causally related to treatment / all		0 / 1	0 / 1	
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Anal/perianal subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Catheter- related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 3 2 / 3 Infection with normal ANC, Anal/perianal subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Bronchus subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Bronchus subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Bronchus subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Catheter-related subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed 1 / 355 (0.28%) 4 / 362 (0.10%) occurrences causally related to treatment / all 0 / 0 0 / 0 Infection with normal ANC, Lung (pneumonia) 1 / 355 (0.28%) 4 / 362 (1.10%) occurrences causally related to treatment / all 0 / 1 0 / 0	Infection with normal ANC, Blood			
treatment / all deaths causally related to treatment / all	subjects affected / exposed	3 / 355 (0.85%)	3 / 362 (0.83%)	
Infection with normal ANC, Anal/perianal subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Catheter- related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to		0/3	2/3	
Anal/perianal subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all o/0 0/0 0/0 0/0 0/0 0/0 0/0 0/0 0/0 0/0		0 / 2	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all				
treatment / all deaths causally related to treatment / all Infection with normal ANC, Bronchus subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Catheter- related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to	subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
Infection with normal ANC, Bronchus subjects affected / exposed occurrences causally related to treatment / all deaths causally related to decurrences causally related t		0 / 0	0 / 1	
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Catheter-related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all	Infection with normal ANC, Bronchus			
treatment / all deaths causally related to treatment / all Infection with normal ANC, Catheter- related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to	subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
Infection with normal ANC, Catheter-related subjects affected / exposed occurrences causally related to treatment / all o/ 0 0 / 362 (0.00%) Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all o/ 0 0 0 / 362 (0.00%) Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all o/ 0 0 0 / 0 Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all o/ 0 0 / 362 (0.00%) occurrences causally related to treatment / all o/ 0 0 / 362 (0.00%) occurrences causally related to treatment / all odeaths causally related to treatment / all o/ 0 0 / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed 1 / 355 (0.28%) 0 / 362 (0.00%) occurrences causally related to treatment / all o/ 0 0 / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed 1 / 355 (0.28%) 4 / 362 (1.10%) occurrences causally related to treatment / all deaths ca		0 / 0	0 / 1	
related subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all				
treatment / all deaths causally related to treatment / all Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all o/ 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all	subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
Infection with normal ANC, Heart (Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all		0 / 2	0 / 0	
(Endocarditis) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all subjects affected / exposed I / 355 (0.28%) O / 362 (0.00%) O / 0 O / 0 O / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all				
treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Kidney subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to	subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
treatment / all 0 / 0 0 / 0 Infection with normal ANC, Kidney subjects affected / exposed 1 / 355 (0.28%) 0 / 362 (0.00%) occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed 1 / 355 (0.28%) 4 / 362 (1.10%) occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to		0 / 1	0 / 0	
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to treatment / all				
treatment / all deaths causally related to treatment / all Infection with normal ANC, Lung (pneumonia) subjects affected / exposed occurrences causally related to treatment / all deaths causally related to	subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
treatment / all 0 / 0 0 / 0 Infection with normal ANC, Lung (pneumonia) subjects affected / exposed 1 / 355 (0.28%) 4 / 362 (1.10%) occurrences causally related to treatment / all deaths causally related to		0 / 1	0 / 0	
(pneumonia) subjects affected / exposed 1 / 355 (0.28%) 0 / 1 treatment / all deaths causally related to		0 / 0	0 / 0	
occurrences causally related to treatment / all deaths causally related to	(pneumonia)			
treatment / all deaths causally related to	-	1 / 355 (0.28%)	4 / 362 (1.10%)	
		0 / 1	2 / 4	
		0 / 0	1 / 2	

Infaction with named ANC Day's	 	
Infection with normal ANC, Penis subjects affected / exposed	1 / 255 (0.200)	0 / 262 /0 000/ \
	1 / 355 (0.28%)	0 / 362 (0.00%)
occurrences causally related to treatment / all	0 / 2	0 / 0
deaths causally related to treatment / all	0 / 0	0 / 0
Infection with normal ANC, Peritoneal cavity		
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 2	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 1
Infection with normal ANC, Skin (cellulitis)		
subjects affected / exposed	3 / 355 (0.85%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 6	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Infection with normal ANC, Upper airway NOS		
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 1	0 / 1
deaths causally related to treatment / all	0 / 1	0 / 0
Infection with normal ANC, Urinary tract NOS		
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0 / 0	0 / 1
deaths causally related to treatment / all	0 / 0	0 / 0
Infection with unknown ANC, Abdomen NOS		
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)
occurrences causally related to treatment / all	0/0	0/2
deaths causally related to treatment / all	0 / 0	0 / 0
Infection with unknown ANC, Anal/perianal		· · · · · · · · · · · · · · · · · · ·
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)
occurrences causally related to treatment / all	0 / 1	0 / 0
deaths causally related to treatment / all	0 / 0	0 / 0
Infection with unknown ANC, Biliary tree		

subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection with unknown ANC, Blood			
subjects affected / exposed	1 / 355 (0.28%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 2	1 / 1	
deaths causally related to treatment / all	0 / 0	1 / 1	
Infection with unknown ANC, Cornea			
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection with unknown ANC, Duodenum	<u> </u> 		
subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Infection with unknown ANC, Lung (pneumonia)			
subjects affected / exposed	2 / 355 (0.56%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	2 / 3	0 / 3	
deaths causally related to treatment / all	0 / 1	0 / 2	
Infection with unknown ANC, Peritoneal Cavity			
subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)	
occurrences causally related to treatment / all	1 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Viral hepatitis			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolism and nutrition disorders			
ALT			
subjects affected / exposed	0 / 355 (0.00%)	3 / 362 (0.83%)	
occurrences causally related to treatment / all	0 / 0	2/3	
deaths causally related to treatment / all	0 / 0	0 / 0	

subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatmen	Bilirubin (hyperbilirubinemia)		
treatment / all deaths causally related to treatment / all deaths ca		5 / 355 (1.41%)	12 / 362 (3.31%)
AST subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		4 / 9	11 / 20
subjects affected / exposed 2 / 355 (0.56%) 6 / 362 (1.66%) occurrences causally related to treatment / all 2 / 3 3 / 7 deaths causally related to treatment / all 0 / 0 0 / 0 Hyperglycemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 362 (0.00%) CPK subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all occurrences causally related to treatment / all occurrences causally related to treatment / all deaths causally related to treatment / all occurrences causally related to treatment / all deaths causally related to treatment / all occurrences causally related to treatment / a	AST		
treatment / all deaths causally related to treatment / all deaths ca	subjects affected / exposed	2 / 355 (0.56%)	6 / 362 (1.66%)
Hyperglycemia Subjects affected / exposed O / 355 (0.00%) 1 / 362 (0.28%) Occurrences causally related to treatment / all deaths causally related to treatment / all O / O O /		2 / 3	3 / 7
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Hypercalcemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 1 Hypercalcemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths	Hyperglycemia		
treatment / all deaths causally related to treatment / all subjects affected / exposed occurrences causally related to treatment / all deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to deaths causally related to d	subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)
Hypercalcemia Subjects affected / exposed 2 / 355 (0.56%) 0 / 362 (0.00%) 0 / 0 0	•	0 / 0	0 / 1
subjects affected / exposed 2 / 355 (0.56%) 0 / 362 (0.00%) occurrences causally related to treatment / all 0 / 2 0 / 0 deaths causally related to treatment / all 0 / 0 0 / 0 CPK subjects affected / exposed 1 / 355 (0.28%) 0 / 362 (0.00%) occurrences causally related to treatment / all 0 / 1 0 / 0 deaths causally related to treatment / all 0 / 0 0 / 0 Hyperkalemia subjects affected / exposed 3 / 355 (0.85%) 4 / 362 (1.10%) occurrences causally related to treatment / all 0 / 0 0 / 0 Hyponatremia subjects affected / exposed 2 / 355 (0.56%) 3 / 362 (0.83%) occurrences causally related to treatment / all 0 / 0 0 / 0 Hypokalemia subjects affected / exposed 1 / 355 (0.28%) 2 / 362 (0.55%) occurrences causally related to treatment / all 0 / 2 1 / 2 deaths causally related to treatment / all 0 / 0 0 / 0		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occurrences causally related to occ	Hypercalcemia		
treatment / all deaths causally related to treatment / all CPK subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all All deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Hyponatremia subjects affected / exposed occurrences causally related to treatment / all Hyponatremia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all	subjects affected / exposed	2 / 355 (0.56%)	0 / 362 (0.00%)
treatment / all 0 / 0 0 / 0 CPK subjects affected / exposed 1 / 355 (0.28%) 0 / 362 (0.00%) occurrences causally related to treatment / all 0 / 1 0 / 0 deaths causally related to treatment / all 0 / 0 0 / 0 Hyperkalemia subjects affected / exposed 3 / 355 (0.85%) 4 / 362 (1.10%) occurrences causally related to treatment / all 0 / 3 0 / 4 deaths causally related to treatment / all 0 / 0 3 / 362 (0.83%) occurrences causally related to treatment / all 1 / 5 0 / 4 deaths causally related to treatment / all 0 / 0 0 / 0 Hypokalemia subjects affected / exposed 1 / 355 (0.28%) 2 / 362 (0.55%) occurrences causally related to treatment / all 0 / 2 1 / 2 deaths causally related to treatment / all 0 / 0 0 / 0		0 / 2	0 / 0
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all	СРК		
treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Note that the state of the stat	subjects affected / exposed	1 / 355 (0.28%)	0 / 362 (0.00%)
Hyperkalemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to deaths causally related to treatment / all		0 / 1	0 / 0
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all	Hyperkalemia		
treatment / all deaths causally related to treatment / all deaths causally related to treatment / all Approved the subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Approved the subjects affected / exposed occurrences causally related to treatment / all Approved the subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all of 0 of 0 of 0	subjects affected / exposed	3 / 355 (0.85%)	4 / 362 (1.10%)
treatment / all 0 / 0 0 / 0 Hyponatremia subjects affected / exposed 2 / 355 (0.56%) 3 / 362 (0.83%) occurrences causally related to treatment / all deaths causally related to treatment / all		0 / 3	0 / 4
subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Hypokalemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all deaths causally related to treatment / all of 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 0 Hypokalemia subjects affected / exposed 1 / 355 (0.28%) 2 / 362 (0.55%) occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 0	Hyponatremia		
treatment / all deaths causally related to treatment / all deaths causally related to treatment / all No / 0 O / 0 Hypokalemia subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all O / 0 1 / 355 (0.28%) 2 / 362 (0.55%) 1 / 2 1 / 2	subjects affected / exposed	2 / 355 (0.56%)	3 / 362 (0.83%)
treatment / all 0 / 0 0 / 0 Hypokalemia subjects affected / exposed 1 / 355 (0.28%) 2 / 362 (0.55%) occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 0 0 / 0		1 / 5	0 / 4
subjects affected / exposed 1 / 355 (0.28%) 2 / 362 (0.55%) occurrences causally related to treatment / all 0 / 0 0 0 / 0		0 / 0	0 / 0
occurrences causally related to treatment / all deaths causally related to treatment / all 0 / 2 1 / 2 1 / 2	Hypokalemia		ĺ
treatment / all deaths causally related to treatment / all 0 / 0 0 / 0	subjects affected / exposed	1 / 355 (0.28%)	2 / 362 (0.55%)
treatment / all		0 / 2	1 / 2
Hypoglycemia		0 / 0	0 / 0
	Hypoglycemia		

subjects affected / exposed	2 / 355 (0.56%)	2 / 362 (0.55%)	
occurrences causally related to treatment / all	0 / 2	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypophosphatemia		[
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	1/1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolic/Lab - Other			
subjects affected / exposed	0 / 355 (0.00%)	1 / 362 (0.28%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	

Frequency threshold for reporting non-serious adverse events: 5 %

rrequericy threshold for reporting non-se	- I lous duverse events	. 5 /0	
Non-serious adverse events	Sorafenib (Nexavar, BAY43-9006) + Placebo	Sorafenib (Nexavar, BAY43-9006) + Erlotinib (Tarceva)	
Total subjects affected by non-serious adverse events			
subjects affected / exposed	349 / 355 (98.31%)	353 / 362 (97.51%)	
Vascular disorders			
Hemorrhage pulmonary, Nose			
subjects affected / exposed	25 / 355 (7.04%)	63 / 362 (17.40%)	
occurrences (all)	48	123	
Cardiac disorders			
Hypertension			
subjects affected / exposed	86 / 355 (24.23%)	72 / 362 (19.89%)	
occurrences (all)	336	339	
Nervous system disorders			
Dizziness			
subjects affected / exposed	25 / 355 (7.04%)	18 / 362 (4.97%)	
occurrences (all)	45	52	
Mood Alteration, Depression			
subjects affected / exposed	23 / 355 (6.48%)	15 / 362 (4.14%)	
occurrences (all)	119	35	
Blood and lymphatic system disorders			
INR			

	I	1
subjects affected / exposed	18 / 355 (5.07%)	19 / 362 (5.25%)
occurrences (all)	56	36
Hamandahin		
Hemoglobin subjects affected / exposed	40 / 255 / 45 - 555 /	65 / 262 / 45 253
	49 / 355 (13.80%)	65 / 362 (17.96%)
occurrences (all)	129	200
Edema: Limb		
subjects affected / exposed	74 / 355 (20.85%)	82 / 362 (22.65%)
occurrences (all)	150	176
Leukocytes		
subjects affected / exposed	20 / 355 (5.63%)	17 / 362 (4.70%)
occurrences (all)	41	48
. ,	7.	70
Platelets		
subjects affected / exposed	50 / 355 (14.08%)	45 / 362 (12.43%)
occurrences (all)	186	156
General disorders and administration ite conditions		
Constitutional Symptoms - Other		
subjects affected / exposed	25 / 355 (7.04%)	21 / 362 (5.80%)
occurrences (all)	53	33
,	33	33
Fatigue		
subjects affected / exposed	192 / 355 (54.08%)	184 / 362 (50.83%)
occurrences (all)	779	676
Insomnia		
subjects affected / exposed	43 / 355 (12.11%)	36 / 362 (9.94%)
occurrences (all)	105	151
Fever		
subjects affected / exposed	64 / 355 /10 020/ \	71 / 362 /10 610/\
	64 / 355 (18.03%)	71 / 362 (19.61%)
occurrences (all)	107	112
Pain, Abdomen NOS		
subjects affected / exposed	112 / 355 (31,55%)	112 / 362 (30.94%)
occurrences (all)	312	339
	312	333
Pain, Back		
subjects affected / exposed	48 / 355 (13.52%)	40 / 362 (11.05%)
occurrences (all)	110	132
Pain, Extremity - limb		

subjects affected / exposed	23 / 355 (6.48%)	15 / 362 (4.14%)
occurrences (all)	74	46
		40
Pain, Chest/thorax NOS		
subjects affected / exposed	25 / 355 (7.04%)	10 / 362 (2.76%)
occurrences (all)	47	15
Pain, Head/headache		
subjects affected / exposed	51 / 355 (14.37%)	31 / 362 (8.56%)
occurrences (all)	117	60
Pain, Joint subjects affected / exposed		, ,
	19 / 355 (5.35%)	24 / 362 (6.63%)
occurrences (all)	48	56
Weight loss		
subjects affected / exposed	111 / 355 (31.27%)	127 / 362 (35.08%)
occurrences (all)	465	552
Dain Othor (Specify)		
Pain, Other (Specify) subjects affected / exposed	25 / 355 (7.04%)	20 / 362 (5.52%)
occurrences (all)	51	28
(4)	31	20
Pain, Muscle		
subjects affected / exposed	19 / 355 (5.35%)	21 / 362 (5.80%)
occurrences (all)	54	78
Gastrointestinal disorders		
Ascites		
subjects affected / exposed	86 / 355 (24.23%)	76 / 362 (20.99%)
occurrences (all)	205	192
Anorexia		
subjects affected / exposed	135 / 355 (38.03%)	153 / 362 (42.27%)
occurrences (all)	383	479
Constipation		
subjects affected / exposed	72 / 355 (20.28%)	46 / 362 (12.71%)
occurrences (all)	145	77
Dehydration		
subjects affected / exposed	8 / 355 (2.25%)	21 / 362 (5.80%)
occurrences (all)	9	30
Diambas		
Diarrhea subjects affected / exposed	211 / 255 /50 440/	272 / 262 /75 410/\
occurrences (all)		273 / 362 (75.41%)
occurrences (an)	784	1079
	1	1

Flatulence			
subjects affected / exposed	19 / 355 (5.35%)	24 / 362 (6.63%)	
occurrences (all)	51	63	
Dry mouth			
subjects affected / exposed	24 / 355 (6.76%)	13 / 362 (3.59%)	
occurrences (all)	105	33	
Distension			
subjects affected / exposed	22 / 355 (6.20%)	26 / 362 (7.18%)	
occurrences (all)	61	98	
GI - Other			
subjects affected / exposed	29 / 355 (8.17%)	31 / 362 (8.56%)	
occurrences (all)	81	120	
Gastritis			
subjects affected / exposed	13 / 355 (3.66%)	24 / 362 (6.63%)	
occurrences (all)	32	53	
Heartburn			
subjects affected / exposed	21 / 355 (5.92%)	28 / 362 (7.73%)	
occurrences (all)	47	111	
Mucositis (functional/symptomatic), Oral cavity			
subjects affected / exposed	53 / 355 (14.93%)	72 / 362 (19.89%)	
occurrences (all)	134	176	
Nausea			
subjects affected / exposed	109 / 355 (30.70%)	90 / 362 (24.86%)	
occurrences (all)	259	212	
Taste Alteration			
subjects affected / exposed	10 / 355 (2.82%)	20 / 362 (5.52%)	
occurrences (all)	33	82	
Vomiting			
subjects affected / exposed	78 / 355 (21.97%)	82 / 362 (22.65%)	
occurrences (all)	150	140	
lepatobiliary disorders			
Liver dysfunction			
subjects affected / exposed	21 / 355 (5.92%)	21 / 362 (5.80%)	
occurrences (all)	39	35	
espiratory, thoracic and mediastinal			
isorders	1		l

Cough	1		
subjects affected / exposed	60 / 355 (16.90%)	41 / 362 (11.33%)	
occurrences (all)	111	138	
Dyspnea (shortness of breath)			
subjects affected / exposed	40 / 355 (11.27%)	35 / 362 (9.67%)	
occurrences (all)	74	79	
D. I			
Pulmonary - Other subjects affected / exposed	20 / 255 /5 620/.)	12 / 262 /2 500/.)	
occurrences (all)	20 / 355 (5.63%)	13 / 362 (3.59%)	
occurrences (an)	41	32	
Voice changes			
subjects affected / exposed	31 / 355 (8.73%)	31 / 362 (8.56%)	
occurrences (all)	116	120	
Skin and subcutaneous tissue disorders			
Acne			
subjects affected / exposed	13 / 355 (3.66%)	53 / 362 (14.64%)	
occurrences (all)	46	210	
Alopecia			
subjects affected / exposed	84 / 355 (23.66%)	46 / 362 (12.71%)	
occurrences (all)	352	222	
Dermatology - Other			
subjects affected / exposed	39 / 355 (10.99%)	55 / 362 (15.19%)	
occurrences (all)	142	184	
,	1 12	101	
Rash/desquamation			
subjects affected / exposed	141 / 355 (39.72%)	186 / 362 (51.38%)	
occurrences (all)	536	785	
Pruritus			
subjects affected / exposed	44 / 355 (12.39%)	42 / 362 (11.60%)	
occurrences (all)	101	83	
Hand-foot skin reaction			
subjects affected / exposed	169 / 355 (47.61%)	136 / 362 (37.57%)	
occurrences (all)	805	723	
Duri alda			
Dry skin subjects affected / exposed	33 / 355 (0 200/)	36 / 362 (0.040/.)	
occurrences (all)	33 / 355 (9.30%)	36 / 362 (9.94%)	
occurrences (all)	114	122	
Musculoskeletal and connective tissue			
lisorders	I		I

Musculoskeletal - Other			
subjects affected / exposed	28 / 355 (7.89%)	25 / 362 (6.91%)	

subjects affected / exposed occurrences (all)	13 / 355 (3.66%) 24	20 / 362 (5.52%) 57
Hypophosphatemia subjects affected / exposed occurrences (all)	38 / 355 (10.70%) 89	39 / 362 (10.77%) 135

EU-CTR publication date: 01 June 2019

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

Date	Amendment
16 October 2009	• Study design and plan: local ablation was deleted as a potentially curative intervention and transplant was added). • Exclusion criteria: Uncontrolled hypertension was defined as systolic blood pressure >150 mmHg or diastolic blood pressure >90 mmHg despite optimal medical management and clinically significant peripheral vascular disease was defined as symptomatic. • Removal of subjects from study • Administration of erlotinib and sorafenib was revised • Dose modification was revised • Permissible Concomitant Medications and Therapies were revised • Adverse Event Documentation was clarified for death and nonfatal serious adverse event (SAE) reporting • Detailed information for the genetic biomarker sampling were provided.
06 August 2010	• Revisions were made to relevant sections of the protocol to include South Africa in the stratification plan for randomization. • For HCC subjects without cirrhosis, the inclusion criterion was revised to add that the mandatory confirmation may also include cytological confirmation. • The use of the IWRS was added to all applicable sections. • Revisions were made to the section on the selection and timing of dose for each subject. • At 3 time points during the treatment period, the provisions under which additional cycles of therapy could be administered were revised to delete the requirements of ANC > $1000/\mu L$ and platelets > $50,000/\mu L$. • Clarification was added to the prothrombin time for the calculation of the Child-Pugh score. • A note that strong inhibitors and inducers of CYP3A4 enzyme should be avoided during the study was added. • Statements were added to allow additional assessments to evaluate the status/activity of the hepatitis

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported