



Clinical trial results: Randomized trial assessing the significance of Bevacizumab in recurrent grade II and Grade III gliomas. The TAVAREC trial.

Summary

EudraCT number	2009-017422-39
Trial protocol	NL DE BE GB IT AT
Global end of trial date	24 September 2017

Results information

Result version number	v1 (current)
This version publication date	29 March 2019
First version publication date	29 March 2019

Trial information

Trial identification

Sponsor protocol code	26091
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Additional study identifiers

ISRCTN number	-
ClinicalTrials.gov id (NCT number)	-
WHO universal trial number (UTN)	-

Notes:

Sponsors

Sponsor organisation name	EORTC
Sponsor organisation address	83 Avenue Mounier, Brussels, Belgium, 1200
Public contact	Medical Department, European Organisation for Research and Treatment of Cancer, 0032 2774 1047/, regulatory@eortc.be
Scientific contact	Medical Department, European Organisation for Research and Treatment of Cancer, 0032 2774 1047/, regulatory@eortc.be

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	26 January 2017
Is this the analysis of the primary completion data?	Yes
Primary completion date	19 January 2017
Global end of trial reached?	Yes
Global end of trial date	24 September 2017
Was the trial ended prematurely?	No

Notes:

General information about the trial

Main objective of the trial:

The main objective is to compare the activity of both the combination Temozolomide (TMZ) plus bevacizumab and TMZ alone in recurrent grade II or grade III glioma patients without 1p/19q co-deletion.

Protection of trial subjects:

The responsible investigator ensured that this study was conducted in agreement with either the Declaration of Helsinki (available on the World Medical Association web site (<http://www.wma.net>) and/or the laws and regulations of the country, whichever provides the greatest protection of the patient. The protocol had been written, and the study was conducted according to the ICH Harmonized Tripartite Guideline on Good Clinical Practice (ICH-GCP). The protocol was approved by the competent ethics committee(s) as required by the applicable national legislation.

Background therapy: -

Evidence for comparator: -

Actual start date of recruitment	08 February 2011
Long term follow-up planned	No
Independent data monitoring committee (IDMC) involvement?	No

Notes:

Population of trial subjects

Subjects enrolled per country

Country: Number of subjects enrolled	France: 36
Country: Number of subjects enrolled	Switzerland: 2
Country: Number of subjects enrolled	Netherlands: 46
Country: Number of subjects enrolled	United Kingdom: 33
Country: Number of subjects enrolled	Austria: 4
Country: Number of subjects enrolled	Belgium: 15
Country: Number of subjects enrolled	Germany: 16
Country: Number of subjects enrolled	Italy: 3
Worldwide total number of subjects	155
EEA total number of subjects	153

Notes:

Subjects enrolled per age group

In utero	0
Preterm newborn - gestational age < 37	0

wk	
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)	140
From 65 to 84 years	15
85 years and over	0

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

Main eligibility criteria:

Histologically proven grade II or grade III astrocytoma, oligodendroglioma or oligoastrocytoma

Demonstrated absence of 1p/19q co-deletion

First recurrence after initial treatment with either radiotherapy and/or chemotherapy

Enhancing recurrence

No more than one line of chemotherapy

Period 1

Period 1 title	Randomization (overall period)
Is this the baseline period?	Yes
Allocation method	Randomised - controlled
Blinding used	Not blinded

Blinding implementation details:

No blinding

Arms

Are arms mutually exclusive?	Yes
Arm title	Temozolomide

Arm description:

Temozolomide 150 or 200 mg/m² d1-5

Arm type	Active comparator
Investigational medicinal product name	Temozolomide
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Tablet
Routes of administration	Oral use

Dosage and administration details:

Temozolomide dose after prior adjuvant/concurrent chemotherapy

Temozolomide will be administered orally on day 1-5, 150 mg/m² (dose per cycle: 750 mg/m²), and will be repeated every 4 weeks. The doses may be rounded to the nearest 20 mg to accommodate tablet strengths. If no significant toxicity (CTCAE criteria <2) is observed in cycle 1 dose escalation to 200 mg/m² (dose per cycle: 1000 mg/m²) is allowed.

Temozolomide dose in chemotherapy naïve patients

Temozolomide will be administered orally on day 1-5, 200 mg/m² (dose per cycle: 1000 mg/m²), and will be repeated every 4 weeks. The doses may be rounded to the nearest 20 mg to accommodate capsule strengths.

Arm title	TMZ+Bev
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Arm description:

Temozolomide 150 or 200 mg/m² d1-5 +Bevacizumab 10 mg/kg d1 every 2 weeks

Arm type	Experimental
Investigational medicinal product name	Temozolomide
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Tablet
Routes of administration	Oral use

Dosage and administration details:

Temozolomide dose after prior adjuvant/concurrent chemotherapy

Temozolomide will be administered orally on day 1-5, 150 mg/m² (dose per cycle: 750 mg/m²), and will be repeated every 4 weeks. The doses may be rounded to the nearest 20 mg to accommodate tablet

strengths. If no significant toxicity (CTCAE criteria <2) is observed in cycle 1 dose escalation to 200 mg/m² (dose per cycle: 1000 mg/m²) is allowed.

Temozolomide dose in chemotherapy naïve patients

Temozolomide will be administered orally on day 1-5, 200 mg/m² (dose per cycle: 1000 mg/m²), and will be repeated every 4 weeks. The doses may be rounded to the nearest 20 mg to accommodate capsule strengths.

Investigational medicinal product name	Bevacizumab
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Injection
Routes of administration	Intravenous use

Dosage and administration details:

Bevacizumab at a dose of 10 mg/kg bodyweight i.v. in 90 min on day 1 was given every 2 weeks in cycles of 4 weeks. The subject's weight at baseline was used to calculate the Bevacizumab dose. If the weight changes by > 10% during the course of the study, the Bevacizumab dose was recalculated. The calculated dose was placed in a sterile, empty, i.v. bag and filled to 100 mL with 0.9% NaCl using aseptic technique.

Number of subjects in period 1	Temozolomide	TMZ+Bev
Started	77	78
Completed	20	14
Not completed	57	64
Consent withdrawn by subject	1	2
Physician decision	1	5
Disease progression	46	43
Adverse event, non-fatal	6	12
Patient did not come to the planned visit	1	-
Treatment never started	2	2

Baseline characteristics

Reporting groups

Reporting group title	Temozolomide
Reporting group description:	
Temozolomide 150 or 200 mg/m ² d1-5	
Reporting group title	TMZ+Bev
Reporting group description:	
Temozolomide 150 or 200 mg/m ² d1-5 +Bevacizumab 10 mg/kg d1 every 2 weeks	

Reporting group values	Temozolomide	TMZ+Bev	Total
Number of subjects	77	78	155
Age categorical			
Age at randomization			
Units: Subjects			
In utero	0	0	0
Preterm newborn infants (gestational age < 37 wks)	0	0	0
Newborns (0-27 days)	0	0	0
Infants and toddlers (28 days-23 months)	0	0	0
Children (2-11 years)	0	0	0
Adolescents (12-17 years)	0	0	0
Adults (18-64 years)	71	69	140
From 65-84 years	6	9	15
85 years and over	0	0	0
Gender categorical			
Units: Subjects			
Female	45	57	102
Male	32	21	53

Subject analysis sets

Subject analysis set title	Per protocol population
Subject analysis set type	Per protocol
Subject analysis set description:	
All patients who are eligible and have started their allocated treatment (at least one dose of Bevacizumab in combination arm and at least one dose of TMZ in the TMZ alone arm).	

Reporting group values	Per protocol population		
Number of subjects	141		
Age categorical			
Age at randomization			
Units: Subjects			
In utero	0		
Preterm newborn infants (gestational age < 37 wks)	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)	140		
From 65-84 years	15		
85 years and over	0		
Gender categorical			
Units: Subjects			
Female	102		
Male	53		

End points

End points reporting groups

Reporting group title	Temozolomide
Reporting group description:	Temozolomide 150 or 200 mg/m ² d1-5
Reporting group title	TMZ+Bev
Reporting group description:	Temozolomide 150 or 200 mg/m ² d1-5 +Bevacizumab 10 mg/kg d1 every 2 weeks
Subject analysis set title	Per protocol population
Subject analysis set type	Per protocol
Subject analysis set description:	All patients who are eligible and have started their allocated treatment (at least one dose of Bevacizumab in combination arm and at least one dose of TMZ in the TMZ alone arm).

Primary: Overall Survival at 12 months

End point title	Overall Survival at 12 months
End point description:	
End point type	Primary
End point timeframe:	All patients we observed during a minimum follow-up of 1 year. The number of patients alive at 1 year were computed and the following decision rule applied. Patients lost to follow-up before 1 year were considered as failures at the time of analysis.

End point values	Temozolomide	TMZ+Bev		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	72	69		
Units: patients	44	38		

Statistical analyses

Statistical analysis title	Non comparative phase II trial with decision rule
Statistical analysis description:	This is a non comparative phase II trial. The following decision rule is applied in each arm independently. If ≤ 41 patients alive at 1 year out of 72 are observed, the conclusion was that Bevacizumab-TMZ and/or TMZ alone should not be further investigated. If ≥ 42 patients alive at 1 year are observed, we concluded that Bevacizumab-TMZ and/or TMZ alone should be further investigated. In this case, the two-sided 80% confidence interval (CI) excludes the null hypothesis (P0).
Comparison groups	Temozolomide v TMZ+Bev

Number of subjects included in analysis	141
Analysis specification	Pre-specified
Analysis type	other ^[1]
P-value	= 0.59 ^[2]
Method	Regression, Cox
Parameter estimate	Percentage

Notes:

[1] - In TMZ+Bev, 3 patients were missing to reach the 72 patients included in the per protocol population required by the statistical design. The number of patients alive at 1 year was 38 of 69. The 80% CI around OS12 included P0=50%. The conclusion is that TMZ+Bv should not be further investigated in this disease. In the TMZ arm: 44 patients in the PP population (≥ 42) were alive at 1 year. The 80% CI excluded P0=50%. Conclusion is that TMZ should be further investigated in this disease.

[2] - This p value results from a sensitivity analysis in the intent to treat population comparing TMZ+Bev to TMZ. The Cox model was used with adjustment for previous line of treatment (no,PCV, TMZ/RT), grade (II,III), WHO performance status (0,1 vs 2).

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Before treatment start; Every 4 weeks during treatment; After the end of treatment (Follow-up): Every 12 weeks until progression

Adverse event reporting additional description:

AEs are evaluated using CTCAE grading and coded using MedDra, SAEs are coded using MedDra. Non-SAEs has not been collected specifically, all AEs will be reported in non-SAE section.

Assessment type	Systematic
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Dictionary used

Dictionary name	MedDRA
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Dictionary version	21.1
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Reporting groups

Reporting group title	TMZ+Bev
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Reporting group description:

Temozolomide+ Bevacizumab

Reporting group title	Temozolomide
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Reporting group description:

Temozolomide

Serious adverse events	TMZ+Bev	Temozolomide	
Total subjects affected by serious adverse events			
subjects affected / exposed	20 / 76 (26.32%)	8 / 75 (10.67%)	
number of deaths (all causes)	60	55	
number of deaths resulting from adverse events	0	0	
Neoplasms benign, malignant and unspecified (incl cysts and polyps)			
INTRACRANIAL TUMOUR			
HAEMORRHAGE			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
General disorders and administration site conditions			
ASTHENIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
FATIGUE			

alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
OEDEMA PERIPHERAL			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
PYREXIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Immune system disorders			
HYPERSENSITIVITY			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	4 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory, thoracic and mediastinal disorders			
DYSпноEA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
PULMONARY EMBOLISM			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Psychiatric disorders			
DRUG ABUSE			

alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Injury, poisoning and procedural complications			
WOUND DEHISCENCE			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac disorders			
LEFT VENTRICULAR FAILURE			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Nervous system disorders			
COGNITIVE DISORDER			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
EPILEPSY			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
PARTIAL SEIZURES			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
SEIZURE			

alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
STATUS EPILEPTICUS			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
TONIC CONVULSION			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood and lymphatic system disorders			
FEBRILE NEUTROPENIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
LEUKOPENIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
LYMPHOPENIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	1 / 1	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
NEUTROPENIA			
alternative dictionary used: MedDRA 21.1			

subjects affected / exposed	5 / 76 (6.58%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	5 / 5	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
THROMBOCYTOPENIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	5 / 76 (6.58%)	3 / 75 (4.00%)	
occurrences causally related to treatment / all	6 / 6	3 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal disorders			
ABDOMINAL PAIN			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
NAUSEA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
PANCREATITIS			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
RECTAL HAEMORRHAGE			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
TOOTHACHE			
alternative dictionary used: MedDRA 21.1			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
VOMITING			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal and urinary disorders			
URINARY RETENTION			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Musculoskeletal and connective tissue disorders			
ARTHRALGIA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
BACK PAIN			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
BONE PAIN			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infections and infestations			
ABSCESS			
alternative dictionary used: MedDRA 21.1			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
ANAL ABSCESS			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
CELLULITIS			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
DEVICE RELATED INFECTION			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
EPIDURAL EMPYEMA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
INFECTED DERMAL CYST			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
INFLUENZA			
alternative dictionary used: MedDRA 21.1			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	

PHARYNGITIS alternative dictionary used: MedDRA 21.1 subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
PNEUMONIA alternative dictionary used: MedDRA 21.1 subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
SKIN INFECTION alternative dictionary used: MedDRA 21.1 subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
SUBCUTANEOUS ABSCESS alternative dictionary used: MedDRA 21.1 subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
WOUND INFECTION alternative dictionary used: MedDRA 21.1 subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolism and nutrition disorders HYPERGLYCAEMIA alternative dictionary used: MedDRA 21.1 subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
TYPE 2 DIABETES MELLITUS alternative dictionary used: MedDRA 21.1			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences causally related to treatment / all	0 / 1	0 / 0
deaths causally related to treatment / all	0 / 0	0 / 0

Frequency threshold for reporting non-serious adverse events: 0 %

Non-serious adverse events	TMZ+Bev	Temozolomide
Total subjects affected by non-serious adverse events		
subjects affected / exposed	75 / 76 (98.68%)	74 / 75 (98.67%)
Vascular disorders		
EMBOLISM		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
FLUSHING		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	1	5
HAEMATOMA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
HYPERTENSION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	37 / 76 (48.68%)	14 / 75 (18.67%)
occurrences (all)	228	67
HYPOTENSION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	2 / 75 (2.67%)
occurrences (all)	0	2
THROMBOPHLEBITIS SUPERFICIAL		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	2
General disorders and administration		

site conditions		
CATHETER SITE PAIN		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
CHILLS		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	5 / 76 (6.58%)	1 / 75 (1.33%)
occurrences (all)	7	1
FACIAL PAIN		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	6	0
FATIGUE		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	61 / 76 (80.26%)	53 / 75 (70.67%)
occurrences (all)	552	290
GAIT DISTURBANCE		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
INFLUENZA LIKE ILLNESS		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)
occurrences (all)	5	1
INJECTION SITE REACTION		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	5	0
MALAISE		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	2	0
OEDEMA		
alternative dictionary used:		
MedDRA 18		

<p>subjects affected / exposed occurrences (all)</p> <p>OEDEMA PERIPHERAL alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p> <p>PAIN alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p> <p>PYREXIA alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p>	<p>0 / 76 (0.00%) 0</p> <p>5 / 76 (6.58%) 25</p> <p>1 / 76 (1.32%) 2</p> <p>5 / 76 (6.58%) 5</p>	<p>1 / 75 (1.33%) 2</p> <p>3 / 75 (4.00%) 10</p> <p>0 / 75 (0.00%) 0</p> <p>3 / 75 (4.00%) 5</p>	
<p>Immune system disorders ANAPHYLACTIC REACTION alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p> <p>HYPERSENSITIVITY alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p>	<p>1 / 76 (1.32%) 1</p> <p>5 / 76 (6.58%) 7</p>	<p>0 / 75 (0.00%) 0</p> <p>3 / 75 (4.00%) 13</p>	
<p>Reproductive system and breast disorders MENSTRUATION IRREGULAR alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p> <p>VAGINAL DISCHARGE alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)</p>	<p>2 / 76 (2.63%) 8</p> <p>0 / 76 (0.00%) 0</p>	<p>0 / 75 (0.00%) 0</p> <p>1 / 75 (1.33%) 3</p>	
Respiratory, thoracic and mediastinal disorders			

COUGH		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	8 / 76 (10.53%)	4 / 75 (5.33%)
occurrences (all)	44	7
DYSPHONIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	9 / 76 (11.84%)	1 / 75 (1.33%)
occurrences (all)	57	3
DYSPNOEA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	7 / 76 (9.21%)	7 / 75 (9.33%)
occurrences (all)	29	32
EPISTAXIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	8 / 76 (10.53%)	1 / 75 (1.33%)
occurrences (all)	32	1
HICCUPS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
NASAL CONGESTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
OROPHARYNGEAL PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)
occurrences (all)	7	1
RHINITIS ALLERGIC		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	17	0
RHINORRHOEA		
alternative dictionary used: MedDRA 18		

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
SINUS DISORDER			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
Psychiatric disorders			
AGITATION			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	4 / 76 (5.26%)	2 / 75 (2.67%)	
occurrences (all)	17	7	
ANXIETY			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	3 / 76 (3.95%)	2 / 75 (2.67%)	
occurrences (all)	18	4	
BRADYPHRENIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences (all)	1	1	
CONFUSIONAL STATE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	4 / 76 (5.26%)	5 / 75 (6.67%)	
occurrences (all)	42	8	
DEPRESSION			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	5 / 76 (6.58%)	2 / 75 (2.67%)	
occurrences (all)	40	20	
DRUG ABUSE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	2	0	
INSOMNIA			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	7 / 76 (9.21%)	3 / 75 (4.00%)	
occurrences (all)	26	20	
PERSONALITY CHANGE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences (all)	7	5	
Investigations			
ACTIVATED PARTIAL THROMBOPLASTIN TIME PROLONGED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	10	0	
BLOOD CHOLESTEROL INCREASED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	5	0	
ELECTROCARDIOGRAM T WAVE ABNORMAL			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	9	0	
GAMMA-GLUTAMYLTRANSFERASE INCREASED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)	
occurrences (all)	27	2	
NEUTROPHIL COUNT DECREASED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
WEIGHT DECREASED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	17 / 76 (22.37%)	6 / 75 (8.00%)	
occurrences (all)	89	39	
WEIGHT INCREASED			
alternative dictionary used: MedDRA 18			

subjects affected / exposed occurrences (all)	19 / 76 (25.00%) 175	16 / 75 (21.33%) 79	
Injury, poisoning and procedural complications			
ANKLE FRACTURE alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	0 / 76 (0.00%) 0	1 / 75 (1.33%) 3	
CONCUSSION alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	2 / 76 (2.63%) 2	0 / 75 (0.00%) 0	
FACIAL BONES FRACTURE alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	0 / 76 (0.00%) 0	1 / 75 (1.33%) 1	
FALL alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	0 / 76 (0.00%) 0	1 / 75 (1.33%) 1	
SPINAL FRACTURE alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	0 / 76 (0.00%) 0	1 / 75 (1.33%) 10	
WOUND COMPLICATION alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	1 / 76 (1.32%) 2	0 / 75 (0.00%) 0	
WOUND DEHISCENCE alternative dictionary used: MedDRA 18 subjects affected / exposed occurrences (all)	1 / 76 (1.32%) 6	1 / 75 (1.33%) 3	
Cardiac disorders			
ANGINA PECTORIS alternative dictionary used: MedDRA 18			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	2	0	
LEFT VENTRICULAR DYSFUNCTION			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
PALPITATIONS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences (all)	1	1	
PERICARDITIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	1	
SINUS BRADYCARDIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
Nervous system disorders			
AMNESIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	3 / 76 (3.95%)	1 / 75 (1.33%)	
occurrences (all)	38	1	
APHASIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	6 / 76 (7.89%)	8 / 75 (10.67%)	
occurrences (all)	20	31	
ATAXIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	6 / 76 (7.89%)	4 / 75 (5.33%)	
occurrences (all)	18	17	
CEREBROSPINAL FLUID LEAKAGE			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	3
COGNITIVE DISORDER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	8 / 76 (10.53%)	4 / 75 (5.33%)
occurrences (all)	20	11
DISTURBANCE IN ATTENTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)
occurrences (all)	40	5
DIZZINESS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	13 / 76 (17.11%)	8 / 75 (10.67%)
occurrences (all)	51	35
DYSAESTHESIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	2	5
DYSARTHRIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	6 / 76 (7.89%)	2 / 75 (2.67%)
occurrences (all)	12	6
DYSGEUSIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	5 / 76 (6.58%)	4 / 75 (5.33%)
occurrences (all)	18	10
EXTRAPYRAMIDAL DISORDER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	7	0
FACIAL NERVE DISORDER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	1 / 75 (1.33%)
occurrences (all)	15	12

FACIAL PARALYSIS		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	8	0
GLOSSOPHARYNGEAL NERVE DISORDER		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	3
HAEMORRHAGE INTRACRANIAL		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	4	0
HEADACHE		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	40 / 76 (52.63%)	22 / 75 (29.33%)
occurrences (all)	237	60
HEMIPARESIS		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	5 / 76 (6.58%)	5 / 75 (6.67%)
occurrences (all)	19	16
HYPERMOMNIA		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	6	0
LETHARGY		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	3 / 75 (4.00%)
occurrences (all)	6	16
MEMORY IMPAIRMENT		
alternative dictionary used:		
MedDRA 18		
subjects affected / exposed	10 / 76 (13.16%)	12 / 75 (16.00%)
occurrences (all)	95	44
MULTIPLE SCLEROSIS		
alternative dictionary used:		
MedDRA 18		

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	3	0
MUSCLE SPASTICITY		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	5	5
PARAESTHESIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	1 / 75 (1.33%)
occurrences (all)	4	2
PERIPHERAL MOTOR NEUROPATHY		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	9 / 76 (11.84%)	6 / 75 (8.00%)
occurrences (all)	42	24
PERIPHERAL SENSORY NEUROPATHY		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	10 / 76 (13.16%)	7 / 75 (9.33%)
occurrences (all)	52	26
PYRAMIDAL TRACT SYNDROME		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	11	0
SEIZURE		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	35 / 76 (46.05%)	33 / 75 (44.00%)
occurrences (all)	183	110
SOMNOLENCE		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)
occurrences (all)	3	3
SPEECH DISORDER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	3	0

<p>SYNCOPE</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>0 / 76 (0.00%)</p> <p>0</p>	<p>1 / 75 (1.33%)</p> <p>1</p>	
<p>TREMOR</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>8</p>	<p>3 / 75 (4.00%)</p> <p>13</p>	
<p>Blood and lymphatic system disorders</p> <p>ANAEMIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>BICYTOPENIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>FEBRILE NEUTROPENIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>LYMPHADENOPATHY</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>0 / 76 (0.00%)</p> <p>0</p> <p>1 / 76 (1.32%)</p> <p>2</p> <p>0 / 76 (0.00%)</p> <p>0</p> <p>0 / 76 (0.00%)</p> <p>0</p>	<p>1 / 75 (1.33%)</p> <p>6</p> <p>0 / 75 (0.00%)</p> <p>0</p> <p>1 / 75 (1.33%)</p> <p>2</p> <p>1 / 75 (1.33%)</p> <p>4</p>	
<p>Ear and labyrinth disorders</p> <p>EAR PAIN</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>HYPOACUSIS</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>TINNITUS</p>	<p>1 / 76 (1.32%)</p> <p>1</p> <p>1 / 76 (1.32%)</p> <p>4</p>	<p>0 / 75 (0.00%)</p> <p>0</p> <p>0 / 75 (0.00%)</p> <p>0</p>	

alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences (all)	20	8	
VERTIGO			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	2	0	
Eye disorders			
CONJUNCTIVITIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
DIPLOPIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	2	
DRY EYE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)	
occurrences (all)	4	1	
EXTRAOCULAR MUSCLE PARESIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)	
occurrences (all)	9	0	
OPTIC NERVE DISORDER			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	3 / 76 (3.95%)	4 / 75 (5.33%)	
occurrences (all)	15	22	
PERIORBITAL OEDEMA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	4	
PHOTOPHOBIA			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
RETINOPATHY			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	3	0	
VISION BLURRED			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	6 / 76 (7.89%)	3 / 75 (4.00%)	
occurrences (all)	21	6	
VISUAL IMPAIRMENT			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
VITREOUS FLOATERS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)	
occurrences (all)	25	5	
Gastrointestinal disorders			
ABDOMINAL DISTENSION			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	1	
ABDOMINAL PAIN			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	4 / 75 (5.33%)	
occurrences (all)	2	10	
ABDOMINAL PAIN UPPER			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	3 / 75 (4.00%)	
occurrences (all)	2	8	
ANAL HAEMORRHAGE			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	4	2
ANAL INCONTINENCE		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	1	1
COLITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
CONSTIPATION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	30 / 76 (39.47%)	27 / 75 (36.00%)
occurrences (all)	95	95
DENTAL CARIES		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
DIARRHOEA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	14 / 76 (18.42%)	6 / 75 (8.00%)
occurrences (all)	45	13
DRY MOUTH		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	2 / 75 (2.67%)
occurrences (all)	20	2
DYSPEPSIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	2 / 75 (2.67%)
occurrences (all)	0	3
DYSPHAGIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)
occurrences (all)	16	12

GASTROINTESTINAL DISORDER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
GASTROINTESTINAL PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	3	7
GASTROESOPHAGEAL REFLUX DISEASE		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	2 / 75 (2.67%)
occurrences (all)	7	4
GINGIVAL BLEEDING		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	16	0
GINGIVAL PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	1	6
HAEMORRHOIDS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	1 / 75 (1.33%)
occurrences (all)	10	6
NAUSEA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	43 / 76 (56.58%)	39 / 75 (52.00%)
occurrences (all)	167	108
OESOPHAGEAL PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
ORAL PAIN		
alternative dictionary used: MedDRA 18		

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	2	0	
PANCREATITIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
PROCTALGIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	3	0	
RECTAL HAEMORRHAGE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	3	0	
STOMATITIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	5 / 76 (6.58%)	4 / 75 (5.33%)	
occurrences (all)	15	9	
TOOTHACHE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	3 / 76 (3.95%)	2 / 75 (2.67%)	
occurrences (all)	9	3	
VOMITING			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	21 / 76 (27.63%)	20 / 75 (26.67%)	
occurrences (all)	43	34	
Hepatobiliary disorders			
HEPATIC FAILURE			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	6	
HEPATIC PAIN			
alternative dictionary used: MedDRA 18			

subjects affected / exposed occurrences (all)	1 / 76 (1.32%) 2	0 / 75 (0.00%) 0	
Skin and subcutaneous tissue disorders			
ALOPECIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	2 / 76 (2.63%) 13	2 / 75 (2.67%) 4	
DERMATITIS ACNEIFORM			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	1 / 76 (1.32%) 8	4 / 75 (5.33%) 16	
DRY SKIN			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	2 / 76 (2.63%) 3	2 / 75 (2.67%) 7	
ERYTHEMA MULTIFORME			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	2 / 76 (2.63%) 3	0 / 75 (0.00%) 0	
HYPERHIDROSIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	1 / 76 (1.32%) 2	0 / 75 (0.00%) 0	
NIGHT SWEATS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	0 / 76 (0.00%) 0	1 / 75 (1.33%) 4	
PAIN OF SKIN			
alternative dictionary used: MedDRA 18			
subjects affected / exposed occurrences (all)	2 / 76 (2.63%) 19	0 / 75 (0.00%) 0	
PRURITUS			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	4 / 76 (5.26%)	5 / 75 (6.67%)
occurrences (all)	7	17
PURPURA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	6	0
RASH		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
RASH MACULO-PAPULAR		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	12 / 76 (15.79%)	6 / 75 (8.00%)
occurrences (all)	69	13
SCAR PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
SKIN HYPERPIGMENTATION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	5	0
SKIN ULCER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
TELANGIECTASIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
URTICARIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0

<p>Renal and urinary disorders</p> <p>CYSTITIS NONINFECTIVE</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>2 / 76 (2.63%)</p> <p>4</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>HAEMATURIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>4</p>	<p>1 / 75 (1.33%)</p> <p>2</p>	
<p>PROTEINURIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>8 / 76 (10.53%)</p> <p>27</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>URINARY INCONTINENCE</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>3 / 76 (3.95%)</p> <p>21</p>	<p>2 / 75 (2.67%)</p> <p>6</p>	
<p>URINARY RETENTION</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>1</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>Endocrine disorders</p> <p>CUSHINGOID</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>2 / 76 (2.63%)</p> <p>9</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>HYPERTHYROIDISM</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>1</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>Musculoskeletal and connective tissue disorders</p> <p>ARTHRALGIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed occurrences (all)</p>	<p>5 / 76 (6.58%)</p> <p>20</p>	<p>2 / 75 (2.67%)</p> <p>12</p>	

ARTHRITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
BACK PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	6 / 76 (7.89%)	3 / 75 (4.00%)
occurrences (all)	50	18
BONE PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
FIBROMYALGIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	5	0
JOINT RANGE OF MOTION DECREASED		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	4	0
MUSCLE RIGIDITY		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	3	0
MUSCULAR WEAKNESS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)
occurrences (all)	26	3
MUSCULOSKELETAL CHEST PAIN		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
MUSCULOSKELETAL PAIN		
alternative dictionary used: MedDRA 18		

subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)	
occurrences (all)	7	0	
MYALGIA			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	4 / 76 (5.26%)	1 / 75 (1.33%)	
occurrences (all)	18	2	
NECK PAIN			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)	
occurrences (all)	31	8	
PAIN IN EXTREMITY			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	6 / 76 (7.89%)	2 / 75 (2.67%)	
occurrences (all)	31	6	
PAIN IN JAW			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)	
occurrences (all)	1	1	
TEMPOROMANDIBULAR JOINT SYNDROME			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
Infections and infestations			
ABSCESS JAW			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)	
occurrences (all)	1	0	
BRONCHITIS			
alternative dictionary used: MedDRA 18			
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)	
occurrences (all)	0	4	
CANDIDA INFECTION			
alternative dictionary used: MedDRA 18			

subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	3	0
CYSTITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	1 / 75 (1.33%)
occurrences (all)	1	1
DEVICE RELATED INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	3	0
EPIDURAL EMPYEMA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	2
EYE INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	2
GINGIVAL ABSCESS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
GINGIVITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
HERPES ZOSTER		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
INFLUENZA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1

LIP INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	3	0
LUNG INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	3	0
ORAL HERPES		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
OTITIS EXTERNA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	2
OTITIS MEDIA		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	1
PHARYNGITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	1 / 75 (1.33%)
occurrences (all)	2	1
RASH PUSTULAR		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	0 / 75 (0.00%)
occurrences (all)	19	0
RESPIRATORY TRACT INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	0 / 76 (0.00%)	1 / 75 (1.33%)
occurrences (all)	0	3
RHINITIS		
alternative dictionary used: MedDRA 18		

subjects affected / exposed	4 / 76 (5.26%)	0 / 75 (0.00%)
occurrences (all)	5	0
SINUSITIS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	3 / 76 (3.95%)	3 / 75 (4.00%)
occurrences (all)	22	11
SKIN INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	5 / 76 (6.58%)	0 / 75 (0.00%)
occurrences (all)	13	0
SUBCUTANEOUS ABSCESS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	2	0
TOOTH ABSCESS		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	16	0
TOOTH INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	0 / 75 (0.00%)
occurrences (all)	1	0
UPPER RESPIRATORY TRACT INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	8 / 76 (10.53%)	9 / 75 (12.00%)
occurrences (all)	11	14
URINARY TRACT INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	2 / 76 (2.63%)	0 / 75 (0.00%)
occurrences (all)	5	0
VAGINAL INFECTION		
alternative dictionary used: MedDRA 18		
subjects affected / exposed	1 / 76 (1.32%)	2 / 75 (2.67%)
occurrences (all)	10	3

<p>VULVOVAGINAL MYCOTIC INFECTION</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>1</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>WOUND INFECTION</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>1 / 76 (1.32%)</p> <p>2</p>	<p>0 / 75 (0.00%)</p> <p>0</p>	
<p>Metabolism and nutrition disorders</p> <p>DECREASED APPETITE</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>GLUCOSE TOLERANCE IMPAIRED</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>HYPERGLYCAEMIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>HYPERTRIGLYCERIDAEMIA</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p> <p>OBESITY</p> <p>alternative dictionary used: MedDRA 18</p> <p>subjects affected / exposed</p> <p>occurrences (all)</p>	<p>9 / 76 (11.84%)</p> <p>42</p> <p>0 / 76 (0.00%)</p> <p>0</p> <p>1 / 76 (1.32%)</p> <p>3</p> <p>3 / 76 (3.95%)</p> <p>7</p> <p>1 / 76 (1.32%)</p> <p>10</p>	<p>8 / 75 (10.67%)</p> <p>17</p> <p>1 / 75 (1.33%)</p> <p>5</p> <p>2 / 75 (2.67%)</p> <p>12</p> <p>1 / 75 (1.33%)</p> <p>5</p> <p>0 / 75 (0.00%)</p> <p>0</p>	

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? No

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported