



Clinical trial results:

A Phase 3, Multicenter, Randomized, Open-Label, Active-Controlled Study of the Safety and Efficacy of Roxadustat in the Treatment of Anemia in Dialysis Patients

Summary

EudraCT number	2014-000780-40
Trial protocol	SE CZ SK HU ES BG PL
Global end of trial date	26 September 2018

Results information

Result version number	v3 (current)
This version publication date	03 January 2020
First version publication date	12 October 2019
Version creation reason	

Trial information

Trial identification

Sponsor protocol code	D5740C00002
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Additional study identifiers

ISRCTN number	-
ClinicalTrials.gov id (NCT number)	NCT02174731
WHO universal trial number (UTN)	-

Notes:

Sponsors

Sponsor organisation name	AstraZeneca
Sponsor organisation address	101 Orchard Ridge Drive, Gaithersburg, Maryland, United States, 20878
Public contact	Global Clinical Lead, AstraZeneca, +1 302 885 1180, ClinicalTrialTransparency@astrazeneca.com
Scientific contact	Global Clinical Lead, AstraZeneca, +1 302 885 1180, ClinicalTrialTransparency@astrazeneca.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	26 September 2018
Is this the analysis of the primary completion data?	No
Global end of trial reached?	Yes
Global end of trial date	26 September 2018
Was the trial ended prematurely?	No

Notes:

General information about the trial

Main objective of the trial:

To evaluate the efficacy and safety of roxadustat for the treatment of anemia in chronic kidney disease (CKD) participants on dialysis.

Protection of trial subjects:

This study was performed in accordance with the ethical principles that have their origin in the Declaration of Helsinki and that are consistent with International Council for Harmonisation/Good Clinical Practice (GCP), applicable regulatory requirements, and the AstraZeneca policy on Bioethics and Human Biological Sample.

Background therapy: -

Evidence for comparator: -

Actual start date of recruitment	01 July 2014
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	Australia: 34
Country: Number of subjects enrolled	Bulgaria: 139
Country: Number of subjects enrolled	Canada: 55
Country: Number of subjects enrolled	Czech Republic: 26
Country: Number of subjects enrolled	Hungary: 63
Country: Number of subjects enrolled	India: 86
Country: Number of subjects enrolled	Mexico: 109
Country: Number of subjects enrolled	Peru: 76
Country: Number of subjects enrolled	Philippines: 85
Country: Number of subjects enrolled	Poland: 49
Country: Number of subjects enrolled	Russian Federation: 91
Country: Number of subjects enrolled	Slovakia: 32
Country: Number of subjects enrolled	Spain: 39
Country: Number of subjects enrolled	Sweden: 9
Country: Number of subjects enrolled	Thailand: 45
Country: Number of subjects enrolled	Ukraine: 240
Country: Number of subjects enrolled	United States: 776
Country: Number of subjects enrolled	Vietnam: 152

Worldwide total number of subjects	2106
EEA total number of subjects	357

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)	1581
From 65 to 84 years	501
85 years and over	24

Subject disposition

Recruitment

Recruitment details:

This study was conducted at 197 centers in 18 countries worldwide across the United States (US), Canada, Latin America, Australia, Asia and Europe between 01 July 2014 and 26 September 2018. Participants with CKD who were on dialysis were recruited in this study.

Pre-assignment

Screening details:

Study had a screening period (up to 6 weeks), treatment period (up to 4 years) and follow-up period (4 weeks after treatment period for those who completed treatment). 2133 participants were randomized, of which 2106 were included in the analysis and 27 were excluded. Only participants included in the analysis are presented in the participant flow.

Period 1

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

Arms

Are arms mutually exclusive?	Yes
Arm title	Roxadustat

Arm description:

Participants received roxadustat tablets orally three times a week (TIW) throughout the treatment period (up to 4 years). For hemodialysis (HD) participants, it was recommended that roxadustat was taken after completion of the HD session. For participants treated with an erythropoietin analogue at study entry, selection of initial roxadustat dose was based on the participant's erythropoietin analogue dose at screening Visit 1. Participants not treated with an erythropoietin analogue at study entry initiated roxadustat using a tiered, weight-based dosing scheme. Doses were titrated to achieve and maintain hemoglobin (Hb) values of 11 ± 1 grams per deciliter (g/dL). Dose adjustments were permitted starting at Week 4 and at intervals of every 4 weeks using a dose adjustment algorithm.

Arm type	Experimental
Investigational medicinal product name	Roxadustat
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Film-coated tablet
Routes of administration	Oral use

Dosage and administration details:

Roxadustat tablets orally TIW throughout the treatment period (up to 4 years). Doses were titrated to achieve and maintain Hb values of 11 ± 1 g/dL.

Arm title	Epoetin alfa
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Arm description:

Participants received epoetin alfa (only use of Procrit®, Eprex® and Epogen® permitted in the study) subcutaneous (SC) or intravenous (IV) injection TIW, except for participants treated with epoetin alfa in a less frequent regimen prior to study entry. For participants treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was the actual dose administered at screening Visit 1. Participants treated with darbepoetin alfa or methoxy polyethylene glycol-epoetin beta prior to study entry initially received epoetin alfa at doses based on a conversion factor. For participants not treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was 50 international unit per kilogram (IU/kg) TIW. Dose adjustments were to be consistent with local approved prescribing information.

Arm type	Active comparator
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Investigational medicinal product name	Eporex®
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Solution for injection in pre-filled syringe
Routes of administration	Subcutaneous use, Intravenous use

Dosage and administration details:

Eporex® injections TIW throughout the treatment period (up to 4 years). Dose adjustments were to be consistent with local approved prescribing information.

Investigational medicinal product name	Epogen®
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Solution for injection in pre-filled syringe
Routes of administration	Subcutaneous use, Intravenous use

Dosage and administration details:

Epogen® injections TIW throughout the treatment period (up to 4 years). Dose adjustments were to be consistent with local approved prescribing information.

Investigational medicinal product name	Procrit®
Investigational medicinal product code	
Other name	
Pharmaceutical forms	Solution for injection in pre-filled syringe
Routes of administration	Subcutaneous use, Intravenous use

Dosage and administration details:

Procrit® injections TIW throughout the treatment period (up to 4 years). Dose adjustments were to be consistent with local approved prescribing information.

Number of subjects in period 1	Roxadustat	Epoetin alfa
Started	1051	1055
Received treatment	1048	1053
Completed	982	990
Not completed	69	65
Incorrect enrolment before randomization	-	1
Participant decision	67	64
Missing	2	-

Baseline characteristics

Reporting groups

Reporting group title	Roxadustat
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Reporting group description:

Participants received roxadustat tablets orally three times a week (TIW) throughout the treatment period (up to 4 years). For hemodialysis (HD) participants, it was recommended that roxadustat was taken after completion of the HD session. For participants treated with an erythropoietin analogue at study entry, selection of initial roxadustat dose was based on the participant's erythropoietin analogue dose at screening Visit 1. Participants not treated with an erythropoietin analogue at study entry initiated roxadustat using a tiered, weight-based dosing scheme. Doses were titrated to achieve and maintain hemoglobin (Hb) values of 11 ± 1 grams per deciliter (g/dL). Dose adjustments were permitted starting at Week 4 and at intervals of every 4 weeks using a dose adjustment algorithm.

Reporting group title	Epoetin alfa
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Reporting group description:

Participants received epoetin alfa (only use of Procrit®, Eprex® and Epogen® permitted in the study) subcutaneous (SC) or intravenous (IV) injection TIW, except for participants treated with epoetin alfa in a less frequent regimen prior to study entry. For participants treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was the actual dose administered at screening Visit 1. Participants treated with darbepoetin alfa or methoxy polyethylene glycol-epoetin beta prior to study entry initially received epoetin alfa at doses based on a conversion factor. For participants not treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was 50 international unit per kilogram (IU/kg) TIW. Dose adjustments were to be consistent with local approved prescribing information.

Reporting group values	Roxadustat	Epoetin alfa	Total
Number of subjects	1051	1055	2106
Age categorical 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)	798	783	1581
From 65-84 years	241	260	501
85 years and over	12	12	24
Age Continuous Units: years			
arithmetic mean	53.5	54.5	-
standard deviation	± 15.30	± 14.97	-
Sex: Female, Male Units: Subjects			
Female	426	429	855
Male	625	626	1251
Race/Ethnicity, Customized Units: Subjects			
White	597	598	1195
Black of African American	148	158	306
Asian	208	198	406

Native Hawaiian or other Pacific Islander	5	3	8
American Indian or Alaska Native	50	62	112
Other	43	36	79
Ethnicity (NIH/OMB)			
Units: Subjects			
Hispanic or Latino	268	271	539
Not Hispanic or Latino	783	784	1567
Unknown or Not Reported	0	0	0

End points

End points reporting groups

Reporting group title	Roxadustat
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Reporting group description:

Participants received roxadustat tablets orally three times a week (TIW) throughout the treatment period (up to 4 years). For hemodialysis (HD) participants, it was recommended that roxadustat was taken after completion of the HD session. For participants treated with an erythropoietin analogue at study entry, selection of initial roxadustat dose was based on the participant's erythropoietin analogue dose at screening Visit 1. Participants not treated with an erythropoietin analogue at study entry initiated roxadustat using a tiered, weight-based dosing scheme. Doses were titrated to achieve and maintain hemoglobin (Hb) values of 11 ± 1 grams per deciliter (g/dL). Dose adjustments were permitted starting at Week 4 and at intervals of every 4 weeks using a dose adjustment algorithm.

Reporting group title	Epoetin alfa
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Reporting group description:

Participants received epoetin alfa (only use of Procrit®, Eprex® and Epogen® permitted in the study) subcutaneous (SC) or intravenous (IV) injection TIW, except for participants treated with epoetin alfa in a less frequent regimen prior to study entry. For participants treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was the actual dose administered at screening Visit 1. Participants treated with darbepoetin alfa or methoxy polyethylene glycol-epoetin beta prior to study entry initially received epoetin alfa at doses based on a conversion factor. For participants not treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was 50 international unit per kilogram (IU/kg) TIW. Dose adjustments were to be consistent with local approved prescribing information.

Primary: US Food and Drug Administration (FDA) Analysis: Mean Change From Baseline in Hb Averaged Over Week 28 to Week 52

End point title	US Food and Drug Administration (FDA) Analysis: Mean Change From Baseline in Hb Averaged Over Week 28 to Week 52
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End point description:

Baseline Hb was defined as the mean of the three last central laboratory Hb values from the screening and randomization visits. Mean change in Hb from baseline to the participants mean level from Week 28 to Week 52 was analyzed using a missing at random (MAR) based multiple imputation analysis of covariance (ANCOVA). Baseline Hb was used as a covariate and treatment group, cardiovascular (CV) history, geographic region and dialysis duration as fixed effects. The adjusted least squares (LS) mean estimates of change from baseline during Week 28 to Week 52 are presented. The Intention-To-Treat (ITT) analysis set included all participants who were randomized to investigational product (IP) irrespective of their protocol adherence and continued participation in the study, except for those excluded from analysis.

End point type	Primary
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End point timeframe:

Baseline (Day 1, Week 0), Week 28 to 52

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	1003	1016		
Units: g/dL				
least squares mean (standard error)	0.77 (\pm 0.041)	0.68 (\pm 0.040)		

Statistical analyses

Statistical analysis title	Treatment Difference in Hb
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	2019
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[1]
P-value	< 0.001
Method	ANCOVA
Parameter estimate	LS Mean Difference
Point estimate	0.09
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.01
upper limit	0.18
Variability estimate	Standard error of the mean
Dispersion value	0.044

Notes:

[1] - Non-inferiority of roxadustat versus epoetin alfa was declared if the lower bound of the 95% confidence interval (CI) of the difference between roxadustat and epoetin alfa exceeded -0.75. Non-inferiority p-value is 1-sided. Difference between groups (roxadustat minus Epoetin alfa) in LS mean changes.

Primary: European Union (EU) Health Authorities Analysis: Change in Hb From Baseline to the Mean Level During the Evaluation Period (Week 28 to Week 36) Without Having Received Rescue Therapy Within 6 Weeks Prior to and During the 8Week Evaluation Period

End point title	European Union (EU) Health Authorities Analysis: Change in Hb From Baseline to the Mean Level During the Evaluation Period (Week 28 to Week 36) Without Having Received Rescue Therapy Within 6 Weeks Prior to and During the 8Week Evaluation Period
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End point description:

Baseline Hb was defined as mean of three last central laboratory Hb values from screening and randomization visits. Mean change in Hb from baseline to participants mean level from Week 28 to 36, without having received rescue therapy within 6 weeks prior to and during this 8-week evaluation period was analysed using Mixed Model of Repeated Measures (MMRM). Baseline Hb was used as a covariate and treatment group, CV history, geographic region and dialysis duration as fixed effects. Adjusted LS mean estimates of change from baseline during Week 28 to Week 36 are presented for participants that did not receive rescue therapy within 6 weeks prior to and during this 8 week evaluation period. Per Protocol Set (PPS) included all randomized participants without important protocol deviations who had received at least 8 weeks of study treatment and had valid corresponding Hb measurements. Participants from PPS, with data available for analysis are presented.

End point type	Primary
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End point timeframe:

Baseline (Day 1, Week 0), Week 28 to 36

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	836	864		
Units: g/dL				
least squares mean (standard error)	0.88 (± 0.044)	0.74 (± 0.043)		

Statistical analyses

Statistical analysis title	Treatment Difference in Hb
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	1700
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[2]
P-value	< 0.001
Method	MMRM
Parameter estimate	LS Mean Difference
Point estimate	0.14
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.03
upper limit	0.25
Variability estimate	Standard error of the mean
Dispersion value	0.056

Notes:

[2] - Non-inferiority of roxadustat versus epoetin alfa was declared if the lower bound of the 95% CI of the difference between roxadustat and epoetin alfa exceeded -0.75. Non-inferiority p-value is 1-sided. Difference between groups (roxadustat minus Epoetin alfa) in LS mean change.

Secondary: Proportion of Total Time of Hb Within the Interval of ≥ 10 g/dL From Week 28 to Week 52

End point title	Proportion of Total Time of Hb Within the Interval of ≥ 10 g/dL From Week 28 to Week 52
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End point description:

The proportion of total time was computed as follows: For each participant, the recorded Hb values were first linearly interpolated between measurements. The time this interpolated curve was ≥ 10 g/dL was computed and subsequently divided by the time between the measurements from Week 28 to Week 52. The difference between roxadustat and epoetin alfa were compared using ANCOVA. Baseline Hb was used as a covariate and the treatment groups, CV history, geographic region and dialysis duration as fixed effects. The ITT analysis set included all participants who were randomized to IP irrespective of their protocol adherence and continued participation in the study, except for those excluded from analysis. Participants without any Hb measurements from Week 28 were not included in the analysis.

End point type	Secondary
End point timeframe:	
Week 28 to 52	

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	896	941		
Units: proportion of total time				
least squares mean (standard error)	0.79 (\pm 0.012)	0.76 (\pm 0.012)		

Statistical analyses

Statistical analysis title	Treatment Difference in Total Time of Hb
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	1837
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[3]
P-value	< 0.001
Method	ANCOVA
Parameter estimate	LS Mean Difference
Point estimate	0.03
Confidence interval	
level	95 %
sides	2-sided
lower limit	0
upper limit	0.05
Variability estimate	Standard error of the mean
Dispersion value	0.013

Notes:

[3] - Non-inferiority of roxadustat versus epoetin alfa was declared if the lower bound of the 95% CI of the difference between roxadustat and epoetin alfa exceeded -0.15. Non-inferiority p-value is 1-sided. Difference between groups (roxadustat minus Epoetin alfa) in LS mean.

Secondary: Proportion of Total Time of Hb Within the Interval of 10 to 12 g/dL From Week 28 to Week 52

End point title	Proportion of Total Time of Hb Within the Interval of 10 to 12 g/dL From Week 28 to Week 52
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End point description:

The proportion of total time was computed as follows: For each participant, the recorded Hb values were first linearly interpolated between measurements. The time this interpolated curve was within 10-12 g/dL was computed and subsequently divided by the time between the measurement from Week 28 to 52. The difference between roxadustat and epoetin alfa were compared using ANCOVA. Baseline Hb was used as a covariate and the treatment groups, CV history, geographic region and dialysis duration as fixed effects. The ITT analysis set included all participants who were randomized to IP irrespective of their protocol adherence and continued participation in the study, except for those excluded from analysis. Participants without any Hb measurements from Week 28 were not included in the analysis.

End point type	Secondary
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End point timeframe:

Week 28 to 52

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	896	941		
Units: proportion of total time				
least squares mean (standard error)	0.65 (± 0.013)	0.63 (± 0.012)		

Statistical analyses

Statistical analysis title	Treatment Difference in Total Time of Hb
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	1837
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[4]
P-value	< 0.001
Method	ANCOVA
Parameter estimate	LS Mean Difference
Point estimate	0.02
Confidence interval	
level	95 %
sides	2-sided
lower limit	-0.01
upper limit	0.05
Variability estimate	Standard error of the mean
Dispersion value	0.014

Notes:

[4] - Non-inferiority of roxadustat versus epoetin alfa was declared if the lower bound of the 95% CI of the difference between roxadustat and epoetin alfa exceeded -0.15. Non-inferiority p-value is 1-sided. Difference between groups (roxadustat minus Epoetin alfa) in LS mean.

Secondary: Mean Change in Low-Density Lipoprotein (LDL) Cholesterol From Baseline to Week 24

End point title	Mean Change in Low-Density Lipoprotein (LDL) Cholesterol From Baseline to Week 24
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End point description:

Baseline LDL was defined as the last result obtained prior to randomization. Mean changes in LDL cholesterol from baseline to Week 24 was analysed using ANCOVA. Baseline Hb and baseline LDL were used as covariates and treatment groups, CV history, geographic region and dialysis duration as fixed effects. The adjusted LS mean estimates of change from baseline to Week 24 are presented. The ITT analysis set included all participants who were randomized to IP irrespective of their protocol adherence and continued participation in the study, except for those excluded from analysis.

End point type	Secondary
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End point timeframe:

Baseline (Day 1, Week 0) to Week 24

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	902	937		
Units: millimole per liter				
least squares mean (standard error)	-0.38 (\pm 0.026)	-0.05 (\pm 0.026)		

Statistical analyses

Statistical analysis title	Treatment Difference in LDL Cholesterol
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	1839
Analysis specification	Pre-specified
Analysis type	superiority ^[5]
P-value	< 0.001
Method	ANCOVA
Parameter estimate	LS Mean Difference
Point estimate	-0.33
Confidence interval	
level	95 %
sides	2-sided
lower limit	-0.39
upper limit	-0.27
Variability estimate	Standard error of the mean
Dispersion value	0.03

Notes:

[5] - Superiority was also declared as the lower bound of the 95% CI exceeded 0 and p-value was lower than 0.05. Difference between groups (roxadustat minus Epoetin alfa) in LS mean.

Secondary: Mean Change in Hb From Baseline to the Participant's Mean Level Between Week 28 to Week 52 in Participants With Baseline High-Sensitivity C-Reactive Protein (hsCRP) Greater Than the Upper Limit of Normal (ULN)

End point title	Mean Change in Hb From Baseline to the Participant's Mean Level Between Week 28 to Week 52 in Participants With Baseline High-Sensitivity C-Reactive Protein (hsCRP) Greater Than the Upper Limit of Normal (ULN)
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End point description:

Baseline hsCRP was quantified from stored biomarker samples obtained at randomization. Baseline Hb is defined as the mean of the three last central laboratory Hb values from the screening and randomization visits. Changes in Hb from baseline to mean value during Weeks 28 to 52 in participants with baseline hsCRP >ULN was analyzed using a MAR based multiple imputation ANCOVA. Baseline Hb was used as a covariate and treatment group, CV history, geographic region and dialysis duration as fixed effects. The adjusted LS mean estimates of change from baseline during Week 28 to Week 52 are presented. The ITT analysis set included all participants who were randomized to IP irrespective of their protocol adherence and continued participation in the study, except for those excluded from analysis. Only participants who consented to the use of donated biomarker samples and had baseline hsCRP >ULN were included in the analysis.

End point type	Secondary
End point timeframe:	
Baseline (Day 1, Week 0), Week 28 to 52	

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	280	301		
Units: g/dL				
least squares mean (standard error)	0.80 (\pm 0.077)	0.59 (\pm 0.076)		

Statistical analyses

Statistical analysis title	Treatment Difference in Hb
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	581
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[6]
P-value	< 0.001 ^[7]
Method	ANCOVA
Parameter estimate	LS Mean Difference
Point estimate	0.2
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.04
upper limit	0.36
Variability estimate	Standard error of the mean
Dispersion value	0.081

Notes:

[6] - Non-inferiority of roxadustat versus epoetin alfa was declared if the lower bound of the 95% CI of the difference between roxadustat and epoetin alfa exceeded -0.75. Non-inferiority p-value is 1-sided. Difference between groups (roxadustat minus Epoetin alfa) in LS mean.

[7] - MAR-based multiple imputation.

Secondary: Mean Monthly IV Iron Use From Week 36 to End of Study (EOS)

End point title	Mean Monthly IV Iron Use From Week 36 to End of Study (EOS)
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End point description:

Oral iron supplementation was allowed for both treatment groups without restriction. Oral iron was recommended for dietary supplementation to support erythropoiesis and as the first line treatment for prevention and treatment of iron deficiency, unless the participant was intolerant to this route of treatment. In participants receiving roxadustat, the Investigator was allowed to initiate the use of an approved IV iron supplement if a participant's Hb value had not sufficiently responded to 2 or more dose increases of the IP, and ferritin <100 nanogram per milliliter (ng/mL) or transferrin saturation (TSAT) <20%. IP treatment was allowed to continue during IV iron administration. Discontinuation of IV iron supplementation was recommended once the participant was no longer considered to be iron deficient (ferritin >100 ng/mL and TSAT >20%). Results for participants in ITT analysis set were presented.

End point type	Secondary
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End point timeframe:

Week 36 to EOS (4 weeks after the treatment period)

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	885	920		
Units: milligram (mg) per month				
arithmetic mean (standard deviation)	58.71 (± 236.12)	91.37 (± 225.64)		

Statistical analyses

Statistical analysis title	Treatment Difference in Iron use
Comparison groups	Roxadustat v Epoetin alfa
Number of subjects included in analysis	1805
Analysis specification	Pre-specified
Analysis type	superiority
P-value	< 0.0001
Method	Wilcoxon Rank Sum Test

Secondary: Time-To-First Administration of RBC Transfusion as Rescue Therapy

End point title	Time-To-First Administration of RBC Transfusion as Rescue Therapy
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End point description:

Time-to-first RBC transfusion as rescue therapy was calculated as (date of first occurrence of any RBC transfusion as rescue therapy, or date of censoring if no event had occurred) - (date of first dose of IP) + 1. Event rate was calculated as (number of participants with event) divided by (the total number of days at risk for event across all participants in given group divided by 365.25) multiplied by 100. The event rate is presented for participants with events. The on-treatment+3 days safety analysis set included all participants who received at least 1 dose of randomized IP, except for those excluded from analysis. Participants were censored at 3 days after the last administration of the IP.

End point type	Secondary
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End point timeframe:

Baseline (Day 1, Week 0) up to EOS (4 weeks after the treatment period)

End point values	Roxadustat	Epoetin alfa		
Subject group type	Reporting group	Reporting group		
Number of subjects analysed	1048	1053		
Units: events per 100 participant years				
number (not applicable)	6.0	7.2		

Statistical analyses

Statistical analysis title	Treatment Difference in RBC Transfusion
Comparison groups	Roxadustat v Epoetin alfa

Number of subjects included in analysis	2101
Analysis specification	Pre-specified
Analysis type	non-inferiority ^[8]
P-value	< 0.001
Method	Regression, Cox
Parameter estimate	Hazard ratio (HR)
Point estimate	0.83
Confidence interval	
level	95 %
sides	2-sided
lower limit	0.64
upper limit	1.07

Notes:

[8] - Non-inferiority of roxadustat versus epoetin alfa was declared if the upper bound of the HR 95% CI of the difference between roxadustat and epoetin alfa was less than or equal to 1.8. Non-inferiority p-value is 1-sided. The CIs were from Wald and ties were calculated using the Efron method.

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From the first dose of IP administration (Day 1, Week 0) to 28 days after the last administration of the IP, with treatment duration up to 4 years.

Adverse event reporting additional description:

The on-treatment+28 days safety analysis set included all participants who received at least 1 dose of randomized IP, except for those excluded from analysis. Participants were censored at 28 days after the last administration of the IP.

Assessment type	Systematic
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Dictionary used

Dictionary name	MedDRA
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Dictionary version	20.0
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Reporting groups

Reporting group title	Epoetin alfa
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Reporting group description:

Participants received epoetin alfa (only use of Procrit®, Eprex® and Epogen® permitted in the study) SC or IV injection TIW, except for participants treated with epoetin alfa in a less frequent regimen prior to study entry. For participants treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was the actual dose administered at screening Visit 1. Participants treated with darbepoetin alfa or methoxy polyethylene glycol-epoetin beta prior to study entry initially received epoetin alfa at doses based on a conversion factor. For participants not treated with an erythropoietin analogue at study entry, the initial dose of epoetin alfa was 50 IU/kg TIW. Dose adjustments were to be consistent with local approved prescribing information.

Reporting group title	Roxadustat
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Reporting group description:

Participants received roxadustat tablets orally TIW throughout the treatment period (up to 4 years). For HD participants, it was recommended that roxadustat was taken after completion of the HD session. For participants treated with an erythropoietin analogue at study entry, selection of initial roxadustat dose was based on the participant's erythropoietin analogue dose at screening Visit 1. Participants not treated with an erythropoietin analogue at study entry initiated roxadustat using a tiered, weight-based dosing scheme. Doses were titrated to achieve and maintain Hb values of 11±1 g/dL. Dose adjustments were permitted starting at Week 4 and at intervals of every 4 weeks using a dose adjustment algorithm.

Serious adverse events	Epoetin alfa	Roxadustat	
Total subjects affected by serious adverse events			
subjects affected / exposed	606 / 1053 (57.55%)	604 / 1048 (57.63%)	
number of deaths (all causes)	231	247	
number of deaths resulting from adverse events	187	167	
Neoplasms benign, malignant and unspecified (incl cysts and polyps)			
5q minus syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Adenocarcinoma			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Adenocarcinoma of colon			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Adrenal neoplasm			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
B-cell lymphoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Basal cell carcinoma			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Benign neoplasm of thyroid gland			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bladder cancer stage IV			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Bladder neoplasm			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bladder transitional cell carcinoma			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Brain neoplasm			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Breast cancer female			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Breast cancer metastatic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Cervix carcinoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholangiocarcinoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Colon cancer			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Colon cancer metastatic			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Gastrointestinal carcinoma			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Gastrointestinal stromal tumour			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Invasive ductal breast carcinoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lung adenocarcinoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lung carcinoma cell type unspecified stage IV			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Lung neoplasm			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Lung neoplasm malignant			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lymphoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Malignant pleural effusion			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metastases to lung			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metastases to peritoneum			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Myelodysplastic syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oesophageal carcinoma			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteochondroma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancreatic carcinoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Papillary thyroid cancer			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Parathyroid tumour			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Parathyroid tumour benign			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Plasma cell myeloma			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Prostate cancer recurrent			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rectal neoplasm			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal cell carcinoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal neoplasm			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin angiosarcoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin cancer			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Squamous cell carcinoma			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular disorders			
Accelerated hypertension			
subjects affected / exposed	6 / 1053 (0.57%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 8	0 / 7	
deaths causally related to treatment / all	0 / 0	0 / 0	
Aortic aneurysm			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Aortic stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 7	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arterial haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arterial occlusive disease			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 1	
Arteriosclerosis			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 2	
Bleeding varicose vein			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood pressure inadequately controlled			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Brachiocephalic vein occlusion			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Brachiocephalic vein stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Brachiocephalic vein thrombosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Circulatory collapse			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Deep vein thrombosis			
subjects affected / exposed	0 / 1053 (0.00%)	11 / 1048 (1.05%)	
occurrences causally related to treatment / all	0 / 0	1 / 11	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic microangiopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dry gangrene			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Extremity necrosis			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhage			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 5	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypertension			
subjects affected / exposed	12 / 1053 (1.14%)	12 / 1048 (1.15%)	
occurrences causally related to treatment / all	0 / 13	1 / 16	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypertensive crisis			
subjects affected / exposed	36 / 1053 (3.42%)	24 / 1048 (2.29%)	
occurrences causally related to treatment / all	1 / 38	4 / 32	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypertensive emergency			
subjects affected / exposed	31 / 1053 (2.94%)	24 / 1048 (2.29%)	
occurrences causally related to treatment / all	1 / 33	2 / 26	
deaths causally related to treatment / all	0 / 1	0 / 0	
Hypotension			
subjects affected / exposed	18 / 1053 (1.71%)	17 / 1048 (1.62%)	
occurrences causally related to treatment / all	0 / 20	0 / 18	
deaths causally related to treatment / all	0 / 1	0 / 1	
Hypovolaemic shock			

subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 1	0 / 0	
Iliac artery occlusion			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ischaemia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Jugular vein thrombosis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Malignant hypertension			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 3	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Orthostatic hypotension			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral arterial occlusive disease			
subjects affected / exposed	3 / 1053 (0.28%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 5	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral artery aneurysm			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral artery occlusion			

subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral artery stenosis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral artery thrombosis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral ischaemia			
subjects affected / exposed	5 / 1053 (0.47%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 5	0 / 7	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral vascular disorder			
subjects affected / exposed	6 / 1053 (0.57%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 6	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Phlebitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Shock			
subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 1	0 / 0	
Shock haemorrhagic			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 1	
Steal syndrome			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Subclavian vein thrombosis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Superior vena cava stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Superior vena cava syndrome			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Thrombophlebitis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Thrombophlebitis superficial			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular compression			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vena cava thrombosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Venous aneurysm			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Venous stenosis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
General disorders and administration site conditions			
Adverse drug reaction			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Asthenia			
subjects affected / exposed	4 / 1053 (0.38%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 5	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Catheter site haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chest pain			
subjects affected / exposed	4 / 1053 (0.38%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 4	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Complication associated with device			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Complication of device insertion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Death			

subjects affected / exposed	23 / 1053 (2.18%)	21 / 1048 (2.00%)	
occurrences causally related to treatment / all	0 / 23	0 / 21	
deaths causally related to treatment / all	0 / 23	0 / 21	
Device related thrombosis			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	1 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fatigue			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
General physical health deterioration			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Generalised oedema			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhagic cyst			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Impaired healing			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Inflammation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Influenza like illness			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Multiple organ dysfunction syndrome			
subjects affected / exposed	4 / 1053 (0.38%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 4	0 / 3	
deaths causally related to treatment / all	0 / 4	0 / 2	
Non-cardiac chest pain			
subjects affected / exposed	9 / 1053 (0.85%)	12 / 1048 (1.15%)	
occurrences causally related to treatment / all	0 / 11	1 / 15	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oedema			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oedema peripheral			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peripheral swelling			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pyrexia			
subjects affected / exposed	8 / 1053 (0.76%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 10	0 / 8	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sudden cardiac death			
subjects affected / exposed	3 / 1053 (0.28%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 3	0 / 3	
deaths causally related to treatment / all	0 / 3	0 / 3	
Sudden death			

subjects affected / exposed	5 / 1053 (0.47%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 5	0 / 6	
deaths causally related to treatment / all	0 / 5	0 / 6	
Immune system disorders			
Anaphylactic reaction			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Contrast media allergy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dialysis membrane reaction			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Drug hypersensitivity			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypersensitivity			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Kidney transplant rejection			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Transplant rejection			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Reproductive system and breast disorders			

Benign prostatic hyperplasia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metrorrhagia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ovarian cyst			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Prostatitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vaginal haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Varicocele			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory, thoracic and mediastinal disorders			
Acute pulmonary oedema			
subjects affected / exposed	7 / 1053 (0.66%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 11	0 / 6	
deaths causally related to treatment / all	0 / 3	0 / 1	
Acute respiratory distress syndrome			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 2	0 / 0	

Acute respiratory failure			
subjects affected / exposed	9 / 1053 (0.85%)	13 / 1048 (1.24%)	
occurrences causally related to treatment / all	0 / 10	0 / 13	
deaths causally related to treatment / all	0 / 3	0 / 4	
Aspiration			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Asthma			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bronchiectasis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bronchitis chronic			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bronchospasm			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic obstructive pulmonary disease			
subjects affected / exposed	7 / 1053 (0.66%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 14	0 / 12	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic respiratory failure			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dyspnoea			

subjects affected / exposed	7 / 1053 (0.66%)	9 / 1048 (0.86%)	
occurrences causally related to treatment / all	0 / 9	0 / 11	
deaths causally related to treatment / all	0 / 0	0 / 0	
Epistaxis			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemoptysis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemothorax			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hydrothorax			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypoxia			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pleural effusion			
subjects affected / exposed	14 / 1053 (1.33%)	15 / 1048 (1.43%)	
occurrences causally related to treatment / all	0 / 19	0 / 18	
deaths causally related to treatment / all	0 / 0	0 / 1	
Pleurisy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonia aspiration			

subjects affected / exposed	3 / 1053 (0.28%)	7 / 1048 (0.67%)	
occurrences causally related to treatment / all	0 / 3	0 / 8	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonitis			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Pneumothorax			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Productive cough			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary artery thrombosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary alveolar haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary congestion			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary embolism			
subjects affected / exposed	8 / 1053 (0.76%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	1 / 8	1 / 6	
deaths causally related to treatment / all	1 / 3	1 / 2	
Pulmonary fibrosis			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary hypertension			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary mass			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary oedema			
subjects affected / exposed	20 / 1053 (1.90%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 22	0 / 13	
deaths causally related to treatment / all	0 / 1	0 / 1	
Respiratory distress			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Respiratory failure			
subjects affected / exposed	9 / 1053 (0.85%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 9	1 / 5	
deaths causally related to treatment / all	0 / 1	0 / 3	
Respiratory tract haemorrhage			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sleep apnoea syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Psychiatric disorders			
Anxiety disorder			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Confusional state			
subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Delirium			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Depression			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hallucination			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hallucination, visual			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Illusion			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Major depression			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mental status changes			

subjects affected / exposed	6 / 1053 (0.57%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 6	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Panic attack			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Suicidal ideation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Product issues			
Device dislocation			
subjects affected / exposed	1 / 1053 (0.09%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 1	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device failure			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device leakage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device malfunction			
subjects affected / exposed	3 / 1053 (0.28%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 3	0 / 7	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device occlusion			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Thrombosis in device			

subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Investigations			
Anticoagulation drug level above therapeutic			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood potassium increased			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood creatine phosphokinase increased			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood pressure increased			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Coagulation test abnormal			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Electrocardiogram QT prolonged			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Echocardiogram abnormal			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemoglobin decreased			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatic enzyme increased			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Platelet count decreased			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Human rhinovirus test positive			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respirovirus test positive			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulse absent			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Synovial fluid crystal present			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Stress echocardiogram abnormal			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (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			
Accidental overdose			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Anastomotic ulcer			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ankle fracture			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous fistula aneurysm			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous fistula occlusion			
subjects affected / exposed	3 / 1053 (0.28%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 3	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous fistula site complication			
subjects affected / exposed	5 / 1053 (0.47%)	9 / 1048 (0.86%)	
occurrences causally related to treatment / all	0 / 6	0 / 10	
deaths causally related to treatment / all	0 / 1	0 / 0	
Arteriovenous fistula site haemorrhage			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 4	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous fistula thrombosis			
subjects affected / exposed	31 / 1053 (2.94%)	37 / 1048 (3.53%)	
occurrences causally related to treatment / all	2 / 35	4 / 46	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous graft aneurysm			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous graft site stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous graft thrombosis			
subjects affected / exposed	10 / 1053 (0.95%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	1 / 13	1 / 13	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chest injury			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Clavicle fracture			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Complications of transplanted kidney			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Concussion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Contusion			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Craniocerebral injury			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Craniofacial fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Extradural haematoma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Facial bones fracture			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fall			
subjects affected / exposed	6 / 1053 (0.57%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 8	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Femoral neck fracture			
subjects affected / exposed	2 / 1053 (0.19%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 2	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Femur fracture			
subjects affected / exposed	6 / 1053 (0.57%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 6	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fibula fracture			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Foot fracture			

subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Forearm fracture			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Foreign body			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fracture displacement			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Frostbite			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal stoma complication			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Graft thrombosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemodialysis-induced symptom			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Head injury			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hip fracture			
subjects affected / exposed	6 / 1053 (0.57%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 6	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Humerus fracture			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Injury			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Joint injury			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Kidney rupture			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Laceration			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Limb injury			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lower limb fracture			

subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lumbar vertebral fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Multiple fractures			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscle rupture			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Nerve root injury			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Patella fracture			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pelvic fracture			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Perirenal haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peritoneal dialysis complication			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Post concussion syndrome			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Post procedural haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Post procedural haemorrhage			
subjects affected / exposed	4 / 1053 (0.38%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 4	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Post procedural urine leak			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Postoperative wound complication			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Procedural haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Procedural hypotension			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Procedural pain			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pubis fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Radius fracture			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rib fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Shunt stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Shunt thrombosis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spinal compression fracture			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Subarachnoid haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 2	1 / 4	
deaths causally related to treatment / all	0 / 2	0 / 0	
Subcutaneous haematoma			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Subdural haematoma			
subjects affected / exposed	6 / 1053 (0.57%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 6	0 / 5	
deaths causally related to treatment / all	0 / 1	0 / 0	
Subdural haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	1 / 2	
deaths causally related to treatment / all	0 / 1	0 / 0	
Tendon injury			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tendon rupture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tibia fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Toxicity to various agents			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Traumatic haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ulna fracture			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access complication			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access malfunction			
subjects affected / exposed	4 / 1053 (0.38%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 4	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access site occlusion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access site pseudoaneurysm			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access site thrombosis			
subjects affected / exposed	13 / 1053 (1.23%)	16 / 1048 (1.53%)	
occurrences causally related to treatment / all	1 / 15	0 / 20	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular graft occlusion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular graft complication			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular pseudoaneurysm ruptured			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular injury			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Wound			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Wound necrosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Wrist fracture			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Congenital, familial and genetic disorders			
Fibrous dysplasia of bone			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac disorders			
Acute coronary syndrome			
subjects affected / exposed	1 / 1053 (0.09%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 1	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 2	
Acute left ventricular failure			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 1	

Acute myocardial infarction			
subjects affected / exposed	41 / 1053 (3.89%)	39 / 1048 (3.72%)	
occurrences causally related to treatment / all	0 / 46	3 / 49	
deaths causally related to treatment / all	0 / 9	0 / 7	
Angina pectoris			
subjects affected / exposed	8 / 1053 (0.76%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 8	0 / 13	
deaths causally related to treatment / all	0 / 0	0 / 0	
Angina unstable			
subjects affected / exposed	6 / 1053 (0.57%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 6	0 / 8	
deaths causally related to treatment / all	0 / 0	0 / 0	
Aortic valve incompetence			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Aortic valve stenosis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arrhythmia			
subjects affected / exposed	3 / 1053 (0.28%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 3	0 / 4	
deaths causally related to treatment / all	0 / 1	0 / 1	
Arteriosclerosis coronary artery			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrial fibrillation			
subjects affected / exposed	18 / 1053 (1.71%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 21	0 / 12	
deaths causally related to treatment / all	0 / 1	0 / 0	
Atrial flutter			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrial tachycardia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrial thrombosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrioventricular block			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrioventricular block complete			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Atrioventricular dissociation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bradycardia			
subjects affected / exposed	2 / 1053 (0.19%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 2	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bundle branch block left			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac arrest			

subjects affected / exposed	7 / 1053 (0.66%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 7	0 / 3	
deaths causally related to treatment / all	0 / 4	0 / 2	
Cardiac asthma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac disorder			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac failure			
subjects affected / exposed	10 / 1053 (0.95%)	13 / 1048 (1.24%)	
occurrences causally related to treatment / all	0 / 10	0 / 14	
deaths causally related to treatment / all	0 / 5	0 / 0	
Cardiac failure acute			
subjects affected / exposed	5 / 1053 (0.47%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 5	0 / 11	
deaths causally related to treatment / all	0 / 1	0 / 5	
Cardiac failure chronic			
subjects affected / exposed	5 / 1053 (0.47%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 5	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac failure congestive			
subjects affected / exposed	29 / 1053 (2.75%)	24 / 1048 (2.29%)	
occurrences causally related to treatment / all	0 / 43	0 / 35	
deaths causally related to treatment / all	0 / 3	0 / 3	
Cardiac perforation			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac tamponade			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiac valve disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardio-respiratory arrest			
subjects affected / exposed	4 / 1053 (0.38%)	7 / 1048 (0.67%)	
occurrences causally related to treatment / all	0 / 4	1 / 7	
deaths causally related to treatment / all	0 / 3	1 / 4	
Cardiogenic shock			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 1	0 / 2	
Cardiomegaly			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cardiopulmonary failure			
subjects affected / exposed	4 / 1053 (0.38%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 4	0 / 2	
deaths causally related to treatment / all	0 / 3	0 / 2	
Cardiovascular disorder			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Cardiovascular insufficiency			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 2	0 / 0	
Congestive cardiomyopathy			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Cor pulmonale acute			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Coronary artery disease			
subjects affected / exposed	16 / 1053 (1.52%)	17 / 1048 (1.62%)	
occurrences causally related to treatment / all	0 / 18	0 / 17	
deaths causally related to treatment / all	0 / 2	0 / 1	
Coronary artery stenosis			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypertensive heart disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intracardiac thrombus			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ischaemic cardiomyopathy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Left ventricular dysfunction			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Left ventricular failure			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Mitral valve incompetence			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Myocardial infarction			
subjects affected / exposed	6 / 1053 (0.57%)	14 / 1048 (1.34%)	
occurrences causally related to treatment / all	0 / 6	0 / 15	
deaths causally related to treatment / all	0 / 2	0 / 8	
Myocardial ischaemia			
subjects affected / exposed	6 / 1053 (0.57%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 6	0 / 4	
deaths causally related to treatment / all	0 / 3	0 / 1	
Nodal arrhythmia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Palpitations			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pericardial effusion			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pericarditis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pericarditis uraemic			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulseless electrical activity			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Right ventricular failure			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Sinus bradycardia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sinus node dysfunction			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 5	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Supraventricular extrasystoles			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Supraventricular tachycardia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tachyarrhythmia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tachycardia			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tachycardia paroxysmal			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tricuspid valve disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Trifascicular block			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ventricular arrhythmia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Ventricular extrasystoles			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ventricular fibrillation			
subjects affected / exposed	4 / 1053 (0.38%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 4	0 / 3	
deaths causally related to treatment / all	0 / 4	0 / 1	
Ventricular hypokinesia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ventricular tachycardia			

subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Nervous system disorders			
Aphasia			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ataxia			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Basal ganglia haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Brain hypoxia			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 1	
Brain injury			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 1	
Brain oedema			
subjects affected / exposed	0 / 1053 (0.00%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 0	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 3	
Brain stem stroke			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Carotid artery aneurysm			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Carotid artery stenosis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cerebral haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 2	0 / 4	
deaths causally related to treatment / all	0 / 2	0 / 2	
Cerebral infarction			
subjects affected / exposed	4 / 1053 (0.38%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 4	1 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cerebral ischaemia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cerebral small vessel ischaemic disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cerebrovascular accident			
subjects affected / exposed	12 / 1053 (1.14%)	14 / 1048 (1.34%)	
occurrences causally related to treatment / all	0 / 12	1 / 14	
deaths causally related to treatment / all	0 / 5	0 / 1	
Cerebrovascular insufficiency			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cervical cord compression			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cognitive disorder			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Coma			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic hyperglycaemic coma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Dizziness			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Embolic stroke			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Encephalopathy			
subjects affected / exposed	6 / 1053 (0.57%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 6	0 / 8	
deaths causally related to treatment / all	0 / 0	0 / 0	
Epilepsy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Generalised tonic-clonic seizure			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhage intracranial			
subjects affected / exposed	2 / 1053 (0.19%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 2	0 / 4	
deaths causally related to treatment / all	0 / 2	0 / 1	
Haemorrhagic stroke			
subjects affected / exposed	6 / 1053 (0.57%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 6	0 / 4	
deaths causally related to treatment / all	0 / 5	0 / 2	
Headache			
subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hemiparesis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hydrocephalus			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypertensive encephalopathy			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypoglycaemic encephalopathy			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Hypoxic-ischaemic encephalopathy			

subjects affected / exposed	4 / 1053 (0.38%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 4	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Intracranial aneurysm			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intracranial haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Ischaemic stroke			
subjects affected / exposed	11 / 1053 (1.04%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 12	1 / 10	
deaths causally related to treatment / all	0 / 2	0 / 2	
Lacunar infarction			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lacunar stroke			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolic encephalopathy			
subjects affected / exposed	3 / 1053 (0.28%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 3	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lumbar radiculopathy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Myoclonus			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Partial seizures			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Polyneuropathy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Posterior reversible encephalopathy syndrome			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Postresuscitation encephalopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Presyncope			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sciatic nerve neuropathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sciatica			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Seizure			

subjects affected / exposed	7 / 1053 (0.66%)	13 / 1048 (1.24%)	
occurrences causally related to treatment / all	0 / 7	0 / 14	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spinal cord compression			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Subdural hygroma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Syncope			
subjects affected / exposed	11 / 1053 (1.04%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	1 / 13	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tardive dyskinesia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tonic convulsion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Toxic encephalopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Transient ischaemic attack			
subjects affected / exposed	6 / 1053 (0.57%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 6	0 / 13	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vertebral artery stenosis			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vertigo CNS origin			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Blood and lymphatic system disorders			
Anaemia			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 1	
Aplasia pure red cell			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	1 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Autoimmune haemolytic anaemia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bone marrow failure			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bone marrow reticulin fibrosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Disseminated intravascular coagulation			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemolytic anaemia			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhagic anaemia			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hilar lymphadenopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Leukocytosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancytopenia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Splenic infarction			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Thrombocytopenia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ear and labyrinth disorders			
Vertigo			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vestibular disorder			

subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Eye disorders			
Blindness unilateral			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (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	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic retinopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Eye haemorrhage			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Glaucoma			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retinal artery embolism			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retinal detachment			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retinal haemorrhage			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retinal vein occlusion			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ulcerative keratitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal disorders			
Abdominal adhesions			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal hernia			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal pain			
subjects affected / exposed	10 / 1053 (0.95%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 10	0 / 15	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal pain upper			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal wall haematoma			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal wall mass			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Acute abdomen			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ascites			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic gastritis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Colitis			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Colitis ischaemic			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Constipation			
subjects affected / exposed	0 / 1053 (0.00%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 0	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dental caries			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic gastroparesis			

subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diarrhoea			
subjects affected / exposed	7 / 1053 (0.66%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 8	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diverticular perforation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diverticulum intestinal			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diverticulum intestinal haemorrhagic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Duodenal ulcer			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Duodenal ulcer haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 1	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Duodenal ulcer perforation			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Duodenitis			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dyspepsia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Enteritis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Enterocolitis haemorrhagic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Enterocutaneous fistula			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Erosive duodenitis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Faecaloma			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Faeces discoloured			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Flatulence			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Food poisoning			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastric disorder			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastric haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Gastric ulcer			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastric ulcer haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastritis			
subjects affected / exposed	5 / 1053 (0.47%)	11 / 1048 (1.05%)	
occurrences causally related to treatment / all	0 / 5	1 / 15	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastritis erosive			
subjects affected / exposed	4 / 1053 (0.38%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 5	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastritis haemorrhagic			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastroduodenitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal erosion			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal haemorrhage			
subjects affected / exposed	21 / 1053 (1.99%)	22 / 1048 (2.10%)	
occurrences causally related to treatment / all	0 / 25	1 / 24	
deaths causally related to treatment / all	0 / 0	0 / 2	
Gastrointestinal perforation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 1	
Gastrointestinal polyp haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haematemesis			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrooesophageal reflux disease			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhagic erosive gastritis			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhoidal haemorrhage			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Haemorrhoids			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ileus			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Impaired gastric emptying			
subjects affected / exposed	4 / 1053 (0.38%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 4	0 / 10	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ileus paralytic			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Incarcerated inguinal hernia			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Inflammatory bowel disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Inguinal hernia			

subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intestinal haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intestinal ischaemia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intestinal metaplasia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intestinal obstruction			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intestinal perforation			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intra-abdominal haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Large intestine polyp			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lower gastrointestinal haemorrhage			

subjects affected / exposed	2 / 1053 (0.19%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 2	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 1	
Malabsorption			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 1	
Mallory-Weiss syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Melaena			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Nausea			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oesophageal motility disorder			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oesophagitis			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancreatic disorder			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancreatic necrosis			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancreatitis			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pancreatitis acute			
subjects affected / exposed	5 / 1053 (0.47%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 6	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 3	
Pancreatitis chronic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peptic ulcer			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peptic ulcer haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peritoneal haemorrhage			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Proctitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rectal haemorrhage			

subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rectal ulcer			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retroperitoneal haematoma			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Small intestinal obstruction			
subjects affected / exposed	8 / 1053 (0.76%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 9	1 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Umbilical hernia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Upper gastrointestinal haemorrhage			
subjects affected / exposed	9 / 1053 (0.85%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 13	0 / 8	
deaths causally related to treatment / all	0 / 1	0 / 0	
Vomiting			
subjects affected / exposed	5 / 1053 (0.47%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 5	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatobiliary disorders			
Biliary colic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Biliary dyskinesia			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholangitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholecystitis			
subjects affected / exposed	4 / 1053 (0.38%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 4	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholecystitis acute			
subjects affected / exposed	6 / 1053 (0.57%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 6	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholecystitis chronic			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholelithiasis			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Drug-induced liver injury			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatic cirrhosis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatitis			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatitis cholestatic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatitis toxic			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatobiliary disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Jaundice			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Liver disorder			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin and subcutaneous tissue disorders			
Decubitus ulcer			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic foot			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic ulcer			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Drug reaction with eosinophilia and systemic symptoms			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ecchymosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pruritus			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rash			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Red man syndrome			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin ulcer			
subjects affected / exposed	6 / 1053 (0.57%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 7	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Stevens-Johnson syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Toxic epidermal necrolysis			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Urticaria			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal and urinary disorders			
Acute kidney injury			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Azotaemia			
subjects affected / exposed	11 / 1053 (1.04%)	13 / 1048 (1.24%)	
occurrences causally related to treatment / all	0 / 12	0 / 15	
deaths causally related to treatment / all	0 / 1	0 / 5	
Calculus urinary			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic kidney disease			
subjects affected / exposed	1 / 1053 (0.09%)	7 / 1048 (0.67%)	
occurrences causally related to treatment / all	0 / 1	0 / 7	
deaths causally related to treatment / all	0 / 1	0 / 7	
Cystitis haemorrhagic			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Dysuria			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
End stage renal disease			

subjects affected / exposed	1 / 1053 (0.09%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 1	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 4	
Glomerulonephritis chronic			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 2	0 / 0	
Haematuria			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hydronephrosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Nephrolithiasis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal cyst			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal cyst haemorrhage			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal cyst ruptured			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal failure			

subjects affected / exposed	4 / 1053 (0.38%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 4	0 / 1	
deaths causally related to treatment / all	0 / 2	0 / 1	
Renal haematoma			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Tubulointerstitial nephritis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Urinary retention			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Endocrine disorders			
Hyperparathyroidism			
subjects affected / exposed	1 / 1053 (0.09%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 1	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyperparathyroidism secondary			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyperparathyroidism tertiary			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypothyroidism			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	1 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Musculoskeletal and connective tissue disorders			

Arthralgia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Back pain			
subjects affected / exposed	2 / 1053 (0.19%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 2	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bursitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Calcification of muscle			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Costochondritis			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cervical spinal stenosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intervertebral disc protrusion			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Joint effusion			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mobility decreased			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscle haemorrhage			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscle spasms			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Muscular weakness			
subjects affected / exposed	3 / 1053 (0.28%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 3	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Musculoskeletal chest pain			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Musculoskeletal pain			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Myalgia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neuropathic arthropathy			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteitis			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteitis deformans			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteoarthritis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteochondritis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteochondrosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pain in extremity			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rhabdomyolysis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Soft tissue necrosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spinal column stenosis			

subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spinal ligament ossification			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spinal osteoarthritis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Spondylolisthesis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infections and infestations			
Abdominal abscess			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abdominal sepsis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abscess jaw			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abscess limb			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abscess neck			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abscess of salivary gland			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Abscess soft tissue			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Acute endocarditis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Appendicitis			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Appendicitis perforated			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriosclerotic gangrene			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous fistula site infection			
subjects affected / exposed	3 / 1053 (0.28%)	6 / 1048 (0.57%)	
occurrences causally related to treatment / all	0 / 3	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arteriovenous graft site infection			

subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arthritis bacterial			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Arthritis infective			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacteraemia			
subjects affected / exposed	2 / 1053 (0.19%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 2	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacterial colitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacterial infection			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacterial pyelonephritis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacterial sepsis			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bacteriuria			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Balanoposthitis infective			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bone tuberculosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Bronchitis			
subjects affected / exposed	5 / 1053 (0.47%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 5	0 / 7	
deaths causally related to treatment / all	0 / 1	0 / 0	
Campylobacter colitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Candida pneumonia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Catheter site abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Catheter site infection			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cellulitis			

subjects affected / exposed	16 / 1053 (1.52%)	12 / 1048 (1.15%)	
occurrences causally related to treatment / all	0 / 18	0 / 13	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cellulitis of male external genital organ			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cholecystitis infective			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic hepatitis C			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Chronic tonsillitis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Citrobacter sepsis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Clostridium bacteraemia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Clostridium difficile colitis			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 4	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Clostridium difficile infection			

subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Cystitis			
subjects affected / exposed	0 / 1053 (0.00%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 0	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device related infection			
subjects affected / exposed	11 / 1053 (1.04%)	11 / 1048 (1.05%)	
occurrences causally related to treatment / all	0 / 15	0 / 12	
deaths causally related to treatment / all	0 / 0	0 / 0	
Device related sepsis			
subjects affected / exposed	7 / 1053 (0.66%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 8	0 / 5	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic foot infection			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic gangrene			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diarrhoea infectious			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diverticulitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Empyema			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Endocarditis			
subjects affected / exposed	2 / 1053 (0.19%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 2	0 / 5	
deaths causally related to treatment / all	0 / 1	0 / 1	
Endocarditis bacterial			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Endophthalmitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Enterococcal sepsis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Erysipelas			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Escherichia bacteraemia			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Escherichia sepsis			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Escherichia urinary tract infection			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fungal infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fungal peritonitis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fungal sepsis			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gangrene			
subjects affected / exposed	11 / 1053 (1.04%)	9 / 1048 (0.86%)	
occurrences causally related to treatment / all	0 / 13	0 / 10	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gas gangrene			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastroenteritis			
subjects affected / exposed	6 / 1053 (0.57%)	11 / 1048 (1.05%)	
occurrences causally related to treatment / all	0 / 6	0 / 13	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastroenteritis aeromonas			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastroenteritis bacterial			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastroenteritis viral			
subjects affected / exposed	3 / 1053 (0.28%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 3	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal bacterial infection			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal infection			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gastrointestinal viral infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Graft infection			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
HIV infection			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Helicobacter gastritis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatitis B			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hepatitis C			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Herpes zoster			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Herpes zoster infection neurological			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Implant site cellulitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Incision site abscess			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infected cyst			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infected fistula			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infected seroma			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infected skin ulcer			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infection			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infectious pleural effusion			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infective exacerbation of bronchiectasis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Infective exacerbation of chronic obstructive airways disease			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Influenza			
subjects affected / exposed	2 / 1053 (0.19%)	5 / 1048 (0.48%)	
occurrences causally related to treatment / all	0 / 2	0 / 6	
deaths causally related to treatment / all	0 / 0	0 / 0	
Intervertebral discitis			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Joint abscess			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Labyrinthitis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Localised infection			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lower respiratory tract infection			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 4	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lower respiratory tract infection viral			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lung infection			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Lyme disease			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metapneumovirus infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Mycobacterium abscessus infection			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Necrotising fasciitis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Neurocysticercosis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Oesophageal candidiasis			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Ophthalmic herpes zoster			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteomyelitis			
subjects affected / exposed	10 / 1053 (0.95%)	10 / 1048 (0.95%)	
occurrences causally related to treatment / all	0 / 10	0 / 17	
deaths causally related to treatment / all	0 / 0	0 / 0	
Osteomyelitis acute			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Otitis media			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Parainfluenzae virus infection			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Parasitic gastroenteritis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Paraspinal abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pelvic abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Perineal abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Periorbital cellulitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Peritonitis			
subjects affected / exposed	24 / 1053 (2.28%)	24 / 1048 (2.29%)	
occurrences causally related to treatment / all	0 / 37	0 / 28	
deaths causally related to treatment / all	0 / 0	0 / 1	
Peritonsillar abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pilonidal cyst			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonia			
subjects affected / exposed	78 / 1053 (7.41%)	70 / 1048 (6.68%)	
occurrences causally related to treatment / all	0 / 92	1 / 80	
deaths causally related to treatment / all	0 / 5	0 / 4	
Pneumonia bacterial			
subjects affected / exposed	3 / 1053 (0.28%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 3	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonia respiratory syncytial viral			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonia staphylococcal			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pneumonia streptococcal			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Pneumonia viral			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Postoperative wound infection			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pulmonary tuberculosis			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 1	0 / 0	
Pyelonephritis			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pyelonephritis acute			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pyelonephritis chronic			
subjects affected / exposed	1 / 1053 (0.09%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 1	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Pyonephrosis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Renal cyst infection			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 3	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory syncytial virus infection			
subjects affected / exposed	2 / 1053 (0.19%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory tract infection			

subjects affected / exposed	7 / 1053 (0.66%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 7	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Retroperitoneal abscess			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Respiratory tract infection viral			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Rhinovirus infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Sepsis			
subjects affected / exposed	40 / 1053 (3.80%)	40 / 1048 (3.82%)	
occurrences causally related to treatment / all	0 / 46	0 / 44	
deaths causally related to treatment / all	0 / 12	0 / 12	
Septic embolus			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 1	0 / 1	
Septic encephalopathy			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Septic shock			
subjects affected / exposed	13 / 1053 (1.23%)	12 / 1048 (1.15%)	
occurrences causally related to treatment / all	0 / 15	0 / 13	
deaths causally related to treatment / all	0 / 9	0 / 6	
Shunt infection			

subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Skin infection			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Staphylococcal bacteraemia			
subjects affected / exposed	0 / 1053 (0.00%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 0	0 / 4	
deaths causally related to treatment / all	0 / 0	0 / 0	
Staphylococcal infection			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Staphylococcal osteomyelitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Staphylococcal sepsis			
subjects affected / exposed	3 / 1053 (0.28%)	4 / 1048 (0.38%)	
occurrences causally related to treatment / all	0 / 3	0 / 4	
deaths causally related to treatment / all	0 / 2	0 / 0	
Stenotrophomonas infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tetanus			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Systemic viral infection			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tonsillitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tracheobronchitis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Tuberculosis			
subjects affected / exposed	3 / 1053 (0.28%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 5	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Upper respiratory tract infection			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Urinary tract infection			
subjects affected / exposed	13 / 1053 (1.23%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 13	0 / 8	
deaths causally related to treatment / all	0 / 0	0 / 0	
Urosepsis			
subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Varicella			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vascular access site infection			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Viral infection			
subjects affected / exposed	4 / 1053 (0.38%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 4	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Viral upper respiratory tract infection			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Viral pericarditis			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vulval abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 2	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vulval cellulitis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Vulvovaginal candidiasis			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Wound abscess			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Wound infection			

subjects affected / exposed	3 / 1053 (0.28%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 3	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolism and nutrition disorders			
Adult failure to thrive			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Calciphylaxis			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Dehydration			
subjects affected / exposed	1 / 1053 (0.09%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 1	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetes mellitus inadequate control			
subjects affected / exposed	1 / 1053 (0.09%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 1	0 / 0	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetes mellitus			
subjects affected / exposed	2 / 1053 (0.19%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 2	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Diabetic metabolic decompensation			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Diabetic ketoacidosis			
subjects affected / exposed	3 / 1053 (0.28%)	7 / 1048 (0.67%)	
occurrences causally related to treatment / all	0 / 7	0 / 10	
deaths causally related to treatment / all	0 / 1	0 / 0	
Fluid retention			

subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Gout			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Fluid overload			
subjects affected / exposed	29 / 1053 (2.75%)	32 / 1048 (3.05%)	
occurrences causally related to treatment / all	0 / 35	0 / 55	
deaths causally related to treatment / all	0 / 0	0 / 1	
Hypercalcaemia			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyperglycaemia			
subjects affected / exposed	2 / 1053 (0.19%)	8 / 1048 (0.76%)	
occurrences causally related to treatment / all	0 / 2	0 / 10	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyperkalaemia			
subjects affected / exposed	21 / 1053 (1.99%)	27 / 1048 (2.58%)	
occurrences causally related to treatment / all	0 / 26	0 / 32	
deaths causally related to treatment / all	0 / 2	0 / 2	
Hyperglycaemic hyperosmolar nonketotic syndrome			
subjects affected / exposed	0 / 1053 (0.00%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 0	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypervolaemia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyperphosphataemia			

subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypocalcaemia			
subjects affected / exposed	2 / 1053 (0.19%)	2 / 1048 (0.19%)	
occurrences causally related to treatment / all	0 / 2	0 / 2	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypoglycaemia			
subjects affected / exposed	11 / 1053 (1.04%)	19 / 1048 (1.81%)	
occurrences causally related to treatment / all	0 / 11	0 / 22	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypokalaemia			
subjects affected / exposed	2 / 1053 (0.19%)	3 / 1048 (0.29%)	
occurrences causally related to treatment / all	0 / 2	0 / 3	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hyponatraemia			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Hypovolaemia			
subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Malnutrition			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 0	0 / 1	
deaths causally related to treatment / all	0 / 0	0 / 0	
Metabolic acidosis			
subjects affected / exposed	4 / 1053 (0.38%)	0 / 1048 (0.00%)	
occurrences causally related to treatment / all	0 / 4	0 / 0	
deaths causally related to treatment / all	0 / 3	0 / 0	
Type 1 diabetes mellitus			

subjects affected / exposed	1 / 1053 (0.09%)	1 / 1048 (0.10%)	
occurrences causally related to treatment / all	0 / 1	0 / 1	
deaths causally related to treatment / all	0 / 1	0 / 0	
Type 2 diabetes mellitus			
subjects affected / exposed	0 / 1053 (0.00%)	1 / 1048 (0.10%)	
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 %

Non-serious adverse events	Epoetin alfa	Roxadustat	
Total subjects affected by non-serious adverse events			
subjects affected / exposed	799 / 1053 (75.88%)	826 / 1048 (78.82%)	
Vascular disorders			
Hypertension			
subjects affected / exposed	85 / 1053 (8.07%)	85 / 1048 (8.11%)	
occurrences (all)	124	130	
Hypotension			
subjects affected / exposed	54 / 1053 (5.13%)	64 / 1048 (6.11%)	
occurrences (all)	83	79	
Nervous system disorders			
Headache			
subjects affected / exposed	56 / 1053 (5.32%)	79 / 1048 (7.54%)	
occurrences (all)	85	91	
Gastrointestinal disorders			
Diarrhoea			
subjects affected / exposed	101 / 1053 (9.59%)	114 / 1048 (10.88%)	
occurrences (all)	153	159	
Nausea			
subjects affected / exposed	65 / 1053 (6.17%)	61 / 1048 (5.82%)	
occurrences (all)	94	72	
Vomiting			
subjects affected / exposed	52 / 1053 (4.94%)	60 / 1048 (5.73%)	
occurrences (all)	64	69	
Respiratory, thoracic and mediastinal disorders			

Cough subjects affected / exposed occurrences (all)	62 / 1053 (5.89%) 76	61 / 1048 (5.82%) 77	
Infections and infestations			
Bronchitis subjects affected / exposed occurrences (all)	61 / 1053 (5.79%) 95	43 / 1048 (4.10%) 67	
Upper respiratory tract infection subjects affected / exposed occurrences (all)	54 / 1053 (5.13%) 77	70 / 1048 (6.68%) 102	

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

Date	Amendment
26 September 2014	<p>Roxadustat dosing and dose adjustment: 120 mg start dose, and 120 mg and 350 mg dose steps removed. Roxadustat dosing algorithm: 0.8 changed to 1.0. Single dose adjustment algorithm used throughout treatment period. Dose cap reduced from lower of 3.5 mg/kg or 400 mg to 3.0 mg/kg or 400 mg. Definition of excessive erythropoiesis simplified. Visit 1 changed to a phone call. Removed visits at Week 3, 5, and 7. Visits every 4 weeks after Week 52. Visit window from ± 2 days to -4 days to 2 days. Inclusion criteria #5 and #6: Ferritin raised to ≥ 100 ng/mL and transferrin saturation raised to $\geq 20\%$. Exclusion criteria #3 deleted, #9 changed from Bosniak category II to IIF, #10 added definition of uncontrolled hypertension in dialysis subjects, and #13 added "that is determined to be principal cause of anemia". Replaced statins text: "When coadministered with roxadustat, hydroxymethylglutaryl coenzyme A reductase inhibitor (statin) exposure was increased 2- to 3-fold. Investigators should consider this interaction and local prescribing information when deciding on appropriate statin dose for individual participants, bearing in mind impact of ethnicity, other concomitant medications, renal and hepatic function. Recommended maximum daily statin doses are: simvastatin 20 mg, atorvastatin 40 mg, rosuvastatin 10 mg, pravastatin 40 mg, fluvastatin 40 mg (20 mg if estimated glomerular filtration rate (eGFR) < 30), pitavastatin 2 mg (1 mg if eGFR < 30).". Euro quality of life health utility index continued every 24 weeks after Week 52 and added at next visit after composite safety endpoint (CSE) event. Removed annual study discontinuation rate of 8.5% and changed estimated time to 1.4 years instead of 1.5 years. Study center number changed from 400 to approximately 250. Priority of secondary objectives changed: rescue therapy placed before self reported health status. Changed ANCOVA to MMRM for efficacy analysis. "Recombinant erythropoietin" replaced with "erythropoietin analogue".</p>
19 September 2018	<p>Previous primary efficacy objective and its outcome measures is designated for US FDA. A second outcome measure designated for the EU health authority (Hb change from baseline to average Hb of Weeks 28 to 36, without having received rescue therapy within 6 weeks prior to and during this 8-week evaluation period) was added. Added that hepcidin and hsCRP were to be analyzed from biomarker samples. Full Analysis Set: renamed as "ITT Analysis Set", and text revised to clarify how event of interest will be counted in respect of IP discontinuation according to ITT principle. "Patients" changed to "subjects" throughout corresponding protocol section (Section 8). Per Protocol Set: an additional criterion was added ("participants receiving at least 8 weeks of study treatment"), censoring rules for participants with an important protocol deviation were clarified, and the treatment groups to which PPS participants belong were specified. Full Analysis Set: section newly created allowing for an additional analysis set. Participants who will not be included in any analysis set: section newly created to specify participants not included in any analysis set, and their reason for exclusion. Primary efficacy endpoint text changed as follows: A new subsection with 2 parts, one for the US FDA and other for the EU health authority was created. Secondary efficacy endpoints changed as follows: Endpoint for time to first RBC transfusion or erythropoiesis stimulating agent as rescue therapy was changed to exploratory endpoint. Additional endpoints related to Hb response, lipid reduction, RBC rescue therapy use, and IV iron use were added. Primary safety objective/additional safety composite endpoints changed as follows: A new section entitled "Adjudicated CV Events Analyses for Safety Assessments" was created. Time to event analyses including time to first major adverse CV events+, time to first CSE, and time to first rescue therapy (composite) were removed.</p>

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

27 participants were excluded from the analysis due to GCP violations or system technical issues (17 in the roxadustat group and 10 in the epoetin alfa group).

Notes: