



## Clinical trial results:

### A Phase 2, Randomized, Open-Label Study of the Safety and Efficacy of Two Doses of Quizartinib (AC220; ASP2689) in Subjects with FLT3-ITD Positive Relapsed or Refractory Acute Myeloid Leukemia (AML)

#### Summary

|                          |                |
|--------------------------|----------------|
| EudraCT number           | 2011-005408-13 |
| Trial protocol           | GB IT          |
| Global end of trial date | 09 March 2015  |

#### Results information

|                                |                  |
|--------------------------------|------------------|
| Result version number          | v1 (current)     |
| This version publication date  | 23 December 2018 |
| First version publication date | 23 December 2018 |

#### Trial information

##### Trial identification

|                       |              |
|-----------------------|--------------|
| Sponsor protocol code | 2689-CL-2004 |
|-----------------------|--------------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT01565668 |
| WHO universal trial number (UTN)   | -           |

Notes:

#### Sponsors

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Daiichi Sankyo, Inc.                                   |
| Sponsor organisation address | 211 Mt. Airy Road, Basking Ridge, United States, 07920 |
| Public contact               | Study Director, Daiichi Sankyo, Inc., 1 908-992-6400,  |
| Scientific contact           | Study Director, Daiichi Sankyo, Inc., 1 908-992-6400,  |

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:

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**Results analysis stage**

|  |                  |
|--|------------------|
| Analysis stage                                       | Final            |
| Date of interim/final analysis                       | 10 November 2016 |
| Is this the analysis of the primary completion data? | No               |

|                                  |               |
|----------------------------------|---------------|
| Global end of trial reached?     | Yes           |
| Global end of trial date         | 09 March 2015 |
| Was the trial ended prematurely? | No            |

Notes:

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**General information about the trial**

Main objective of the trial:

The primary objectives are to evaluate the rate of Grade 2 or higher QTcF prolongation and to evaluate the composite complete remission rate (CRc), defined as the confirmed rate of complete remission (CR) plus complete remission with incomplete platelet recovery (CRp) or incomplete hematological recovery (CRi) at different doses of AC220.

Protection of trial subjects:

This trial was conducted in accordance with the ethical principles of Good Clinical Practice, according to the ICH Harmonized Tripartite Guideline.

Background therapy: -

Evidence for comparator: -

|   |               |
|---|---------------|
| Actual start date of recruitment                          | 02 April 2012 |
| Long term follow-up planned                               | No            |
| Independent data monitoring committee (IDMC) involvement? | Yes           |

Notes:

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**Population of trial subjects****Subjects enrolled per country**

|                                      |                   |
|--------------------------------------|-------------------|
| Country: Number of subjects enrolled | United States: 58 |
| Country: Number of subjects enrolled | United Kingdom: 3 |
| Country: Number of subjects enrolled | France: 12        |
| Country: Number of subjects enrolled | Italy: 3          |
| Worldwide total number of subjects   | 76                |
| EEA total number of subjects         | 18                |

Notes:

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**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)                      | 56 |

|                     |    |
|---------------------|----|
| From 65 to 84 years | 20 |
| 85 years and over   | 0  |

## Subject disposition

### Recruitment

Recruitment details:

Approximately 70 subjects were to be randomized equally between 2 treatment arms of quizartinib (at approximately 50 centers in North America and Europe), to receive daily doses of 30 mg or 60 mg. This was to provide, at the minimum, 32 centrally tested FLT3-ITD (+) AML subjects.

### Pre-assignment

Screening details:

Of the subjects screened, 76 were enrolled into the intention to treat (ITT) analysis set. Two patients who were randomized to quizartinib (60 mg/day) did not receive study drug, so are not included in the data.

### Pre-assignment period milestones

|                              |    |
|------------------------------|----|
| Number of subjects started   | 76 |
| Number of subjects completed | 76 |

### Period 1

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

Blinding implementation details:

Open label

### Arms

|                              |                |
|------------------------------|----------------|
| Are arms mutually exclusive? | Yes            |
| <b>Arm title</b>             | Cohort 1 30 mg |

Arm description:

Patients were randomized to receive 30 mg quizartinib once daily

|  |                |
|--|----------------|
| Arm type                               | Experimental   |
| Investigational medicinal product name | Quizartinib    |
| Investigational medicinal product code |                |
| Other name                             | AC220, ASP2689 |
| Pharmaceutical forms                   | Oral solution  |
| Routes of administration               | Oral use       |

Dosage and administration details:

Once-daily dose of oral solution for continuous 28-day cycles until deemed no longer beneficial by investigator

|                  |                |
|------------------|----------------|
| <b>Arm title</b> | Cohort 2 60 mg |
|------------------|----------------|

Arm description:

Patients were randomized to receive 60 mg quizartinib once daily

|  |                |
|--|----------------|
| Arm type                               | Experimental   |
| Investigational medicinal product name | Quizartinib    |
| Investigational medicinal product code |                |
| Other name                             | AC220, ASP2689 |
| Pharmaceutical forms                   | Oral solution  |
| Routes of administration               | Oral use       |

Dosage and administration details:

Once-daily dose of oral solution for continuous 28-day cycles until deemed no longer beneficial by investigator

| <b>Number of subjects in period 1</b>    | Cohort 1 30 mg | Cohort 2 60 mg |
|--|----------------|----------------|
| Started                                  | 38             | 38             |
| Started treatment                        | 38             | 38             |
| Completed treatment per protocol         | 0              | 0              |
| Started 30-day follow-up                 | 37             | 37             |
| Completed 30-day follow-up               | 11             | 5              |
| Started long-term follow-up              | 36             | 33             |
| Completed long-term follow-up            | 0              | 0              |
| Completed                                | 0              | 0              |
| Not completed                            | 38             | 38             |
| Consent withdrawn by subject             | 1              | 3              |
| HSCT Transplant                          | 11             | 15             |
| Adverse event, non-fatal                 | 6              | 1              |
| Death                                    | 2              | 1              |
| Progressive Disease                      | 13             | 14             |
| Patient went on Hospice Care             | 1              | -              |
| Randomized But Never Received Study Drug | -              | 2              |
| Lack of efficacy                         | 4              | 2              |

## Baseline characteristics

### Reporting groups

|                       |               |
|-----------------------|---------------|
| Reporting group title | Overall Study |
|-----------------------|---------------|

Reporting group description: -

| Reporting group values | Overall Study | Total |  |
|------------------------|---------------|-------|--|
| Number of subjects     | 76            | 76    |  |
| Age categorical        |               |       |  |
| Units: Subjects        |               |       |  |
| Adults (18-64 years)   | 56            | 56    |  |
| From 65-84 years       | 20            | 20    |  |
| Age continuous         |               |       |  |
| Units: years           |               |       |  |
| median                 | 54.5          |       |  |
| full range (min-max)   | 19 to 77      | -     |  |
| Gender categorical     |               |       |  |
| Units: Subjects        |               |       |  |
| Female                 | 32            | 32    |  |
| Male                   | 44            | 44    |  |

## End points

### End points reporting groups

|  |                |
|--|----------------|
| Reporting group title  | Cohort 1 30 mg |
| Reporting group description:                                     |                |
| Patients were randomized to receive 30 mg quizartinib once daily |                |
| Reporting group title  | Cohort 2 60 mg |
| Reporting group description:                                     |                |
| Patients were randomized to receive 60 mg quizartinib once daily |                |

### Primary: Number of Subjects Who Achieved Composite Complete Remission (CRc)

|  |   |
|--|---|
| End point title  | Number of Subjects Who Achieved Composite Complete Remission (CRc) <sup>[1]</sup> |
| End point description:   |   |
| CRc is defined as Complete remission (CR) + Complete remission with incomplete platelet recovery (CRp) + Complete remission with incomplete hematological recovery (CRi) |   |
| End point type   | Primary   |
| End point timeframe:   |   |
| After two 28-day cycles  |   |
| Notes:   |   |
| [1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.      |   |
| Justification: Comparisons between cohorts were not made.  |   |

| End point values            | Cohort 1 30 mg  | Cohort 2 60 mg  |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 38              | 38              |  |  |
| Units: Patients             | 18              | 18              |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Number of Subjects Who Achieved Complete Remission (CR)

|   |   |
|---|---|
| End point title   | Number of Subjects Who Achieved Complete Remission (CR) |
| End point description:  |   |
| Patient must have bone marrow regenerating normal hematopoietic cells and achieve a morphologic leukemia-free state (< 5% bone marrow blasts in bone marrow, no blasts with Auer rods and no persistence of extramedullary disease) and must have an absolute neutrophil count (ANC) $\geq 1 \times 10^9/\text{L}$ and platelet count $\geq 100 \times 10^9/\text{L}$ and they will be red blood cell (RBC) and platelet transfusion independent (defined as 4 weeks without RBC transfusions and 1 week without platelet transfusion). |   |
| End point type  | Secondary   |
| End point timeframe:  |   |
| After two complete 28-day cycles  |   |

| End point values            | Cohort 1 30 mg  | Cohort 2 60 mg  |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 38              | 38              |  |  |
| Units: Patients             | 2               | 0               |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Duration of Response In Subjects Who Achieved CRc or PR

|                 |   |
|-----------------|---|
| End point title | Duration of Response In Subjects Who Achieved CRc or PR |
|-----------------|---|

End point description:

Duration of response (DOR) was defined as the time from either the first CRc or PR until the date of relapse (any type) for subjects who achieved CRc or PR (relapse date - first CRc or PR disease assessment date + 1). DOR was measured in weeks and categorized by quartiles; the 50% quartile is presented.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Time from first CRc or PR until date of relapse

| End point values                 | Cohort 1 30 mg    | Cohort 2 60 mg    |  |  |
|----------------------------------|-------------------|-------------------|--|--|
| Subject group type               | Reporting group   | Reporting group   |  |  |
| Number of subjects analysed      | 23                | 27                |  |  |
| Units: Weeks                     |                   |                   |  |  |
| number (confidence interval 95%) |                   |                   |  |  |
| DOR; 50% quartile                | 7.3 (4.1 to 11.9) | 9.1 (5.6 to 21.0) |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Time to CRc in Subjects Who Achieved CRc

|                 |  |
|-----------------|--|
| End point title | Time to CRc in Subjects Who Achieved CRc |
|-----------------|--|

End point description:

Time to CRc was defined as the time from the date of randomization until the first disease assessment of CRc (first CRc disease assessment date - randomization date +1). Time to CRc was only assessed who achieved CRc. Time to CRc was measured in weeks and categorized by quartiles; the 50% quartile is presented.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|



End point timeframe:

Time from the date of randomization until the first disease assessment of CRc

| End point values                 | Cohort 1 30 mg   | Cohort 2 60 mg   |  |  |
|----------------------------------|------------------|------------------|--|--|
| Subject group type               | Reporting group  | Reporting group  |  |  |
| Number of subjects analysed      | 18               | 18               |  |  |
| Units: weeks                     |                  |                  |  |  |
| number (confidence interval 95%) |                  |                  |  |  |
| Time to CRc; 50% quartile        | 4.4 (4.1 to 7.7) | 4.6 (4.1 to 8.0) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Other pre-specified: Maximum QTcF Value in Subjects Who Received Quizartinib

|                 |   |
|-----------------|---|
| End point title | Maximum QTcF Value in Subjects Who Received Quizartinib |
|-----------------|---|

End point description:

The number of patients with maximum corrected for heart rate using Fridericia's factor (QTcF) value (msec) on study is presented. Grade 2 or higher prolongation is defined as QTcF >480 msec.

|                |                     |
|----------------|---------------------|
| End point type | Other pre-specified |
|----------------|---------------------|

End point timeframe:

After 2 continuous 28-day cycles

| End point values            | Cohort 1 30 mg  | Cohort 2 60 mg  |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 38              | 36              |  |  |
| Units: Subjects             |                 |                 |  |  |
| number (not applicable)     |                 |                 |  |  |
| <450                        | 18              | 13              |  |  |
| ≥450 and ≤480               | 16              | 17              |  |  |
| >480 and ≤500               | 2               | 5               |  |  |
| >500                        | 2               | 1               |  |  |

### Statistical analyses

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Throughout the trial for adverse events, plus 30 days for serious AEs

Adverse event reporting additional description:

Of note, AML disease progression (including the MedDRA verbatim terms of AML progression and disease progression, malignant neoplasm progression, and leukocytosis) is reported as an AE in the data output and in the in-text tables; however, it is not considered an AE because of the patient population under study and is not further discussed.

|                 |            |
|-----------------|------------|
| Assessment type | Systematic |
|-----------------|------------|

### Dictionary used

|                 |        |
|-----------------|--------|
| Dictionary name | MedDRA |
|-----------------|--------|

|                    |      |
|--------------------|------|
| Dictionary version | 14.1 |
|--------------------|------|

### Reporting groups

|                       |                |
|-----------------------|----------------|
| Reporting group title | Cohort 1 30 mg |
|-----------------------|----------------|

Reporting group description: -

|                       |                |
|-----------------------|----------------|
| Reporting group title | Cohort 2 60 mg |
|-----------------------|----------------|

Reporting group description: -

| Serious adverse events  | Cohort 1 30 mg   | Cohort 2 60 mg   |  |
|---|------------------|------------------|--|
| Total subjects affected by serious adverse events                   |                  |                  |  |
| subjects affected / exposed   | 25 / 38 (65.79%) | 25 / 36 (69.44%) |  |
| number of deaths (all causes)                                       | 9                | 13               |  |
| number of deaths resulting from adverse events                      | 1                | 0                |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                  |                  |  |
| Acute myeloid leukaemia   |                  |                  |  |
| subjects affected / exposed   | 5 / 38 (13.16%)  | 7 / 36 (19.44%)  |  |
| occurrences causally related to treatment / all                     | 0 / 5            | 0 / 7            |  |
| deaths causally related to treatment / all                          | 0 / 5            | 0 / 6            |  |
| Lung neoplasm   |                  |                  |  |
| subjects affected / exposed   | 1 / 38 (2.63%)   | 0 / 36 (0.00%)   |  |
| occurrences causally related to treatment / all                     | 0 / 1            | 0 / 0            |  |
| deaths causally related to treatment / all                          | 0 / 0            | 0 / 0            |  |
| Neoplasm malignant  |                  |                  |  |
| subjects affected / exposed   | 0 / 38 (0.00%)   | 1 / 36 (2.78%)   |  |
| occurrences causally related to treatment / all                     | 0 / 0            | 0 / 1            |  |
| deaths causally related to treatment / all                          | 0 / 0            | 0 / 1            |  |
| Vascular disorders  |                  |                  |  |

|  |                |                |  |
|--|----------------|----------------|--|
| Hypotension  |                |                |  |
| subjects affected / exposed                          | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Shock haemorrhagic                                   |                |                |  |
| subjects affected / exposed                          | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Venoocclusive disease                                |                |                |  |
| subjects affected / exposed                          | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 1          |  |
| General disorders and administration site conditions |                |                |  |
| Asthenia   |                |                |  |
| subjects affected / exposed                          | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Disease progression                                  |                |                |  |
| subjects affected / exposed                          | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Hyperthermia   |                |                |  |
| subjects affected / exposed                          | 1 / 38 (2.63%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all      | 1 / 1          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Multi-organ failure                                  |                |                |  |
| subjects affected / exposed                          | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 0 / 2          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 2          |  |
| Non-cardiac chest pain                               |                |                |  |
| subjects affected / exposed                          | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |

|   |                |                 |  |
|---|----------------|-----------------|--|
| Pyrexia   |                |                 |  |
| subjects affected / exposed                     | 3 / 38 (7.89%) | 5 / 36 (13.89%) |  |
| occurrences causally related to treatment / all | 1 / 3          | 0 / 5           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Reproductive system and breast disorders        |                |                 |  |
| Metrorrhagia                                    |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Respiratory, thoracic and mediastinal disorders |                |                 |  |
| Acute pulmonary oedema                          |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Atelectasis                                     |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Cough   |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Dyspnoea  |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Haemoptysis                                     |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Lung disorder                                   |                |                 |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Pleural effusion                                |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 1          |  |
| deaths causally related to treatment / all      | 1 / 1          | 0 / 0          |  |
| Pneumonitis                                     |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Respiratory failure                             |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Psychiatric disorders                           |                |                |  |
| Mental status changes                           |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Investigations                                  |                |                |  |
| Alanine aminotransferase increased              |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Aspartate aminotransferase increased            |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Blood bilirubin increased                       |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |

|   |                |                |  |
|---|----------------|----------------|--|
| Electrocardiogram QT prolonged<br>subjects affected / exposed | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 0          | 2 / 2          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Medical observation<br>subjects affected / exposed            | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 0          | 0 / 2          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Injury, poisoning and procedural<br>complications             |                |                |  |
| Accidental overdose<br>subjects affected / exposed            | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 1          | 0 / 0          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Cardiac disorders   |                |                |  |
| Atrial fibrillation<br>subjects affected / exposed            | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 0          | 1 / 1          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Bradycardia<br>subjects affected / exposed                    | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 1          | 0 / 0          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Pericardial effusion<br>subjects affected / exposed           | 2 / 38 (5.26%) | 1 / 36 (2.78%) |  |
| occurrences causally related to<br>treatment / all            | 2 / 2          | 0 / 1          |  |
| deaths causally related to<br>treatment / all                 | 1 / 1          | 0 / 0          |  |
| Pericarditis<br>subjects affected / exposed                   | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to<br>treatment / all            | 1 / 1          | 0 / 0          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |
| Tachycardia<br>subjects affected / exposed                    | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to<br>treatment / all            | 0 / 1          | 0 / 0          |  |
| deaths causally related to<br>treatment / all                 | 0 / 0          | 0 / 0          |  |

|   |                |                |  |
|---|----------------|----------------|--|
| Ventricular tachycardia                         |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Nervous system disorders                        |                |                |  |
| Arachnoiditis                                   |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Convulsion                                      |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Ischaemic stroke                                |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Syncope   |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Blood and lymphatic system disorders            |                |                |  |
| Anaemia   |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Disseminated intravascular coagulation          |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Febrile bone marrow aplasia                     |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| Febrile neutropenia                             |                 |                 |  |
| subjects affected / exposed                     | 7 / 38 (18.42%) | 6 / 36 (16.67%) |  |
| occurrences causally related to treatment / all | 3 / 7           | 2 / 6           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Leukocytosis                                    |                 |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%)  | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| Pancytopenia                                    |                 |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%)  | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Thrombocytopenia                                |                 |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)  | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 2 / 2           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Gastrointestinal disorders                      |                 |                 |  |
| Abdominal pain                                  |                 |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%)  | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Caecitis  |                 |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%)  | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Diarrhoea                                       |                 |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%)  | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 1 / 1           | 1 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Gastric ulcer                                   |                 |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%)  | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0           | 1 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Gastrointestinal haemorrhage                    |                 |                 |  |



|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 2 / 2          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Haematemesis                                    |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Intestinal infarction                           |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Lower gastrointestinal haemorrhage              |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Melaena   |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Nausea  |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Oesophageal ulcer                               |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Rectal haemorrhage                              |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Vomiting  |                |                |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Hepatobiliary disorders                         |                |                |  |
| Bile duct obstruction                           |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Skin and subcutaneous tissue disorders          |                |                |  |
| Acute febrile neutrophilic dermatosis           |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Erythema  |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Renal and urinary disorders                     |                |                |  |
| Haematuria                                      |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Renal failure acute                             |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Urinary retention                               |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Musculoskeletal and connective tissue disorders |                |                |  |
| Arthralgia                                      |                |                |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (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                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Infections and infestations                     |                |                |  |
| Abscess intestinal                              |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Arthritis infective                             |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Bacteraemia                                     |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Bronchitis fungal                               |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Bronchopulmonary aspergillosis                  |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Candidiasis                                     |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Catheter site infection                         |                |                |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Cellulitis                                      |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Clostridial infection                           |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| 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                     | 1 / 38 (2.63%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Clostridium difficile sepsis                    |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Device related infection                        |                |                |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 2          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Diverticulitis                                  |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Enteritis infectious                            |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Enterococcal bacteraemia                        |                |                |  |

|   |                |                 |  |
|---|----------------|-----------------|--|
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (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 / 38 (0.00%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Klebsiella bacteraemia                          |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Lung infection                                  |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 1          | 0 / 0           |  |
| Neutropenic sepsis                              |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Periorbital cellulitis                          |                |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%)  |  |
| occurrences causally related to treatment / all | 0 / 2          | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Pneumonia                                       |                |                 |  |
| subjects affected / exposed                     | 3 / 38 (7.89%) | 6 / 36 (16.67%) |  |
| occurrences causally related to treatment / all | 1 / 3          | 0 / 6           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1           |  |
| Pneumonia fungal                                |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Pneumonia respiratory syncytial viral           |                |                 |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Sepsis  |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Septic shock                                    |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 2 / 36 (5.56%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 2          |  |
| deaths causally related to treatment / all      | 0 / 1          | 0 / 0          |  |
| Sinusitis                                       |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| Sinusitis aspergillus                           |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (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                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Streptococcal infection                         |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Urinary tract infection                         |                |                |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 2          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Urinary tract infection bacterial               |                |                |  |

|   |                |                |  |
|---|----------------|----------------|--|
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 2          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Viral infection                                 |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Metabolism and nutrition disorders              |                |                |  |
| Dehydration                                     |                |                |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 1 / 36 (2.78%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Hyperglycaemia                                  |                |                |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 0 / 36 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |

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

| <b>Non-serious adverse events</b>                     | Cohort 1 30 mg   | Cohort 2 60 mg    |  |
|---|------------------|-------------------|--|
| Total subjects affected by non-serious adverse events |                  |                   |  |
| subjects affected / exposed                           | 37 / 38 (97.37%) | 36 / 36 (100.00%) |  |
| Vascular disorders                                    |                  |                   |  |
| Hypertension  |                  |                   |  |
| subjects affected / exposed                           | 1 / 38 (2.63%)   | 3 / 36 (8.33%)    |  |
| occurrences (all)                                     | 1                | 3                 |  |
| Hypotension   |                  |                   |  |
| subjects affected / exposed                           | 5 / 38 (13.16%)  | 4 / 36 (11.11%)   |  |
| occurrences (all)                                     | 5                | 4                 |  |
| Thrombophlebitis superficial                          |                  |                   |  |
| subjects affected / exposed                           | 2 / 38 (5.26%)   | 0 / 36 (0.00%)    |  |
| occurrences (all)                                     | 2                | 0                 |  |
| General disorders and administration site conditions  |                  |                   |  |

|                             |                  |                 |
|-----------------------------|------------------|-----------------|
| Asthenia                    |                  |                 |
| subjects affected / exposed | 3 / 38 (7.89%)   | 2 / 36 (5.56%)  |
| occurrences (all)           | 3                | 2               |
| Catheter site erythema      |                  |                 |
| subjects affected / exposed | 1 / 38 (2.63%)   | 2 / 36 (5.56%)  |
| occurrences (all)           | 1                | 2               |
| Catheter site pain          |                  |                 |
| subjects affected / exposed | 2 / 38 (5.26%)   | 1 / 36 (2.78%)  |
| occurrences (all)           | 2                | 1               |
| Chest discomfort            |                  |                 |
| subjects affected / exposed | 3 / 38 (7.89%)   | 0 / 36 (0.00%)  |
| occurrences (all)           | 3                | 0               |
| Chills                      |                  |                 |
| subjects affected / exposed | 5 / 38 (13.16%)  | 3 / 36 (8.33%)  |
| occurrences (all)           | 5                | 3               |
| Fatigue                     |                  |                 |
| subjects affected / exposed | 13 / 38 (34.21%) | 8 / 36 (22.22%) |
| occurrences (all)           | 13               | 8               |
| Malaise                     |                  |                 |
| subjects affected / exposed | 0 / 38 (0.00%)   | 2 / 36 (5.56%)  |
| occurrences (all)           | 0                | 2               |
| Mucosal inflammation        |                  |                 |
| subjects affected / exposed | 6 / 38 (15.79%)  | 5 / 36 (13.89%) |
| occurrences (all)           | 6                | 5               |
| Non-cardiac chest pain      |                  |                 |
| subjects affected / exposed | 0 / 38 (0.00%)   | 4 / 36 (11.11%) |
| occurrences (all)           | 0                | 4               |
| Oedema                      |                  |                 |
| subjects affected / exposed | 1 / 38 (2.63%)   | 3 / 36 (8.33%)  |
| occurrences (all)           | 1                | 3               |
| Oedema peripheral           |                  |                 |
| subjects affected / exposed | 8 / 38 (21.05%)  | 6 / 36 (16.67%) |
| occurrences (all)           | 8                | 6               |
| Pain                        |                  |                 |
| subjects affected / exposed | 2 / 38 (5.26%)   | 4 / 36 (11.11%) |
| occurrences (all)           | 2                | 4               |



|   |                  |                  |  |
|---|------------------|------------------|--|
| Pyrexia   |                  |                  |  |
| subjects affected / exposed                     | 10 / 38 (26.32%) | 10 / 36 (27.78%) |  |
| occurrences (all)                               | 10               | 10               |  |
| Respiratory, thoracic and mediastinal disorders |                  |                  |  |
| Cough   |                  |                  |  |
| subjects affected / exposed                     | 8 / 38 (21.05%)  | 9 / 36 (25.00%)  |  |
| occurrences (all)                               | 8                | 9                |  |
| Dyspnoea  |                  |                  |  |
| subjects affected / exposed                     | 8 / 38 (21.05%)  | 5 / 36 (13.89%)  |  |
| occurrences (all)                               | 8                | 5                |  |
| Dyspnoea exertional                             |                  |                  |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)   | 0 / 36 (0.00%)   |  |
| occurrences (all)                               | 2                | 0                |  |
| Epistaxis                                       |                  |                  |  |
| subjects affected / exposed                     | 6 / 38 (15.79%)  | 4 / 36 (11.11%)  |  |
| occurrences (all)                               | 6                | 4                |  |
| Nasal congestion                                |                  |                  |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)   | 2 / 36 (5.56%)   |  |
| occurrences (all)                               | 2                | 2                |  |
| Oropharyngeal pain                              |                  |                  |  |
| subjects affected / exposed                     | 5 / 38 (13.16%)  | 6 / 36 (16.67%)  |  |
| occurrences (all)                               | 5                | 6                |  |
| Pleural effusion                                |                  |                  |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)   | 3 / 36 (8.33%)   |  |
| occurrences (all)                               | 2                | 3                |  |
| Productive cough                                |                  |                  |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)   | 1 / 36 (2.78%)   |  |
| occurrences (all)                               | 2                | 1                |  |
| Rhinorrhoea                                     |                  |                  |  |
| subjects affected / exposed                     | 3 / 38 (7.89%)   | 0 / 36 (0.00%)   |  |
| occurrences (all)                               | 3                | 0                |  |
| Sinus congestion                                |                  |                  |  |
| subjects affected / exposed                     | 2 / 38 (5.26%)   | 0 / 36 (0.00%)   |  |
| occurrences (all)                               | 2                | 0                |  |
| Psychiatric disorders                           |                  |                  |  |

|  |                     |                      |  |
|--|---------------------|----------------------|--|
| Anxiety<br>subjects affected / exposed<br>occurrences (all)                              | 1 / 38 (2.63%)<br>1 | 5 / 36 (13.89%)<br>5 |  |
| Confusional state<br>subjects affected / exposed<br>occurrences (all)                    | 1 / 38 (2.63%)<br>1 | 2 / 36 (5.56%)<br>2  |  |
| Insomnia<br>subjects affected / exposed<br>occurrences (all)                             | 2 / 38 (5.26%)<br>2 | 5 / 36 (13.89%)<br>5 |  |
| Hallucination, visual<br>subjects affected / exposed<br>occurrences (all)                | 0 / 38 (0.00%)<br>0 | 2 / 36 (5.56%)<br>2  |  |
| Investigations   |                     |                      |  |
| Alanine aminotransferase increased<br>subjects affected / exposed<br>occurrences (all)   | 3 / 38 (7.89%)<br>3 | 3 / 36 (8.33%)<br>3  |  |
| Aspartate aminotransferase increased<br>subjects affected / exposed<br>occurrences (all) | 2 / 38 (5.26%)<br>2 | 3 / 36 (8.33%)<br>3  |  |
| Blood alkaline phosphatase increased<br>subjects affected / exposed<br>occurrences (all) | 0 / 38 (0.00%)<br>0 | 2 / 36 (5.56%)<br>2  |  |
| Blood bilirubin increased<br>subjects affected / exposed<br>occurrences (all)            | 3 / 38 (7.89%)<br>3 | 3 / 36 (8.33%)<br>3  |  |
| Electrocardiogram QT prolonged<br>subjects affected / exposed<br>occurrences (all)       | 2 / 38 (5.26%)<br>2 | 5 / 36 (13.89%)<br>5 |  |
| Platelet count decreased<br>subjects affected / exposed<br>occurrences (all)             | 3 / 38 (7.89%)<br>3 | 1 / 36 (2.78%)<br>1  |  |
| White blood cell count decreased<br>subjects affected / exposed<br>occurrences (all)     | 2 / 38 (5.26%)<br>2 | 1 / 36 (2.78%)<br>1  |  |
| Injury, poisoning and procedural complications   |                     |                      |  |

|  |                      |                      |  |
|--|----------------------|----------------------|--|
| Contusion<br>subjects affected / exposed<br>occurrences (all)                              | 3 / 38 (7.89%)<br>3  | 1 / 36 (2.78%)<br>1  |  |
| Fall<br>subjects affected / exposed<br>occurrences (all)                                   | 1 / 38 (2.63%)<br>1  | 2 / 36 (5.56%)<br>2  |  |
| Procedural pain<br>subjects affected / exposed<br>occurrences (all)                        | 0 / 38 (0.00%)<br>0  | 2 / 36 (5.56%)<br>2  |  |
| Transfusion reaction<br>subjects affected / exposed<br>occurrences (all)                   | 2 / 38 (5.26%)<br>2  | 1 / 36 (2.78%)<br>1  |  |
| Cardiac disorders<br>Sinus tachycardia<br>subjects affected / exposed<br>occurrences (all) | 1 / 38 (2.63%)<br>1  | 2 / 36 (5.56%)<br>2  |  |
| Tachycardia<br>subjects affected / exposed<br>occurrences (all)                            | 3 / 38 (7.89%)<br>3  | 6 / 36 (16.67%)<br>6 |  |
| Nervous system disorders<br>Ageusia<br>subjects affected / exposed<br>occurrences (all)    | 0 / 38 (0.00%)<br>0  | 2 / 36 (5.56%)<br>2  |  |
| Dizziness<br>subjects affected / exposed<br>occurrences (all)                              | 3 / 38 (7.89%)<br>3  | 4 / 36 (11.11%)<br>4 |  |
| Dysgeusia<br>subjects affected / exposed<br>occurrences (all)                              | 6 / 38 (15.79%)<br>6 | 2 / 36 (5.56%)<br>2  |  |
| Headache<br>subjects affected / exposed<br>occurrences (all)                               | 4 / 38 (10.53%)<br>4 | 9 / 36 (25.00%)<br>9 |  |
| Paraesthesia<br>subjects affected / exposed<br>occurrences (all)                           | 1 / 38 (2.63%)<br>1  | 3 / 36 (8.33%)<br>3  |  |
| Tremor   |                      |                      |  |

|  |                     |                     |  |
|--|---------------------|---------------------|--|
| subjects affected / exposed<br>occurrences (all) | 2 / 38 (5.26%)<br>2 | 1 / 36 (2.78%)<br>1 |  |
| Blood and lymphatic system disorders             |                     |                     |  |
| Anaemia  |                     |                     |  |
| subjects affected / exposed                      | 17 / 38 (44.74%)    | 9 / 36 (25.00%)     |  |
| occurrences (all)                                | 17                  | 9                   |  |
| Febrile neutropenia                              |                     |                     |  |
| subjects affected / exposed                      | 5 / 38 (13.16%)     | 7 / 36 (19.44%)     |  |
| occurrences (all)                                | 5                   | 7                   |  |
| Leukocytosis                                     |                     |                     |  |
| subjects affected / exposed                      | 2 / 38 (5.26%)      | 1 / 36 (2.78%)      |  |
| occurrences (all)                                | 2                   | 1                   |  |
| Neutropenia                                      |                     |                     |  |
| subjects affected / exposed                      | 1 / 38 (2.63%)      | 5 / 36 (13.89%)     |  |
| occurrences (all)                                | 1                   | 5                   |  |
| Thrombocytopenia                                 |                     |                     |  |
| subjects affected / exposed                      | 8 / 38 (21.05%)     | 7 / 36 (19.44%)     |  |
| occurrences (all)                                | 8                   | 7                   |  |
| Eye disorders                                    |                     |                     |  |
| Vision blurred                                   |                     |                     |  |
| subjects affected / exposed                      | 3 / 38 (7.89%)      | 1 / 36 (2.78%)      |  |
| occurrences (all)                                | 3                   | 1                   |  |
| Gastrointestinal disorders                       |                     |                     |  |
| Abdominal discomfort                             |                     |                     |  |
| subjects affected / exposed                      | 0 / 38 (0.00%)      | 2 / 36 (5.56%)      |  |
| occurrences (all)                                | 0                   | 2                   |  |
| Abdominal pain                                   |                     |                     |  |
| subjects affected / exposed                      | 6 / 38 (15.79%)     | 11 / 36 (30.56%)    |  |
| occurrences (all)                                | 6                   | 11                  |  |
| Abdominal pain upper                             |                     |                     |  |
| subjects affected / exposed                      | 0 / 38 (0.00%)      | 2 / 36 (5.56%)      |  |
| occurrences (all)                                | 0                   | 2                   |  |
| Constipation                                     |                     |                     |  |
| subjects affected / exposed                      | 6 / 38 (15.79%)     | 3 / 36 (8.33%)      |  |
| occurrences (all)                                | 6                   | 3                   |  |
| Diarrhoea  |                     |                     |  |

|  |                  |                  |  |
|--|------------------|------------------|--|
| subjects affected / exposed            | 10 / 38 (26.32%) | 12 / 36 (33.33%) |  |
| occurrences (all)                      | 10               | 12               |  |
| Dyspepsia                              |                  |                  |  |
| subjects affected / exposed            | 6 / 38 (15.79%)  | 2 / 36 (5.56%)   |  |
| occurrences (all)                      | 6                | 2                |  |
| Eructation                             |                  |                  |  |
| subjects affected / exposed            | 2 / 38 (5.26%)   | 0 / 36 (0.00%)   |  |
| occurrences (all)                      | 2                | 0                |  |
| Gastrooesophageal reflux disease       |                  |                  |  |
| subjects affected / exposed            | 2 / 38 (5.26%)   | 0 / 36 (0.00%)   |  |
| occurrences (all)                      | 2                | 0                |  |
| Haematemesis                           |                  |                  |  |
| subjects affected / exposed            | 0 / 38 (0.00%)   | 2 / 36 (5.56%)   |  |
| occurrences (all)                      | 0                | 2                |  |
| Haemorrhoids                           |                  |                  |  |
| subjects affected / exposed            | 2 / 38 (5.26%)   | 3 / 36 (8.33%)   |  |
| occurrences (all)                      | 2                | 3                |  |
| Mouth haemorrhage                      |                  |                  |  |
| subjects affected / exposed            | 0 / 38 (0.00%)   | 2 / 36 (5.56%)   |  |
| occurrences (all)                      | 0                | 2                |  |
| Nausea                                 |                  |                  |  |
| subjects affected / exposed            | 10 / 38 (26.32%) | 16 / 36 (44.44%) |  |
| occurrences (all)                      | 10               | 16               |  |
| Proctalgia                             |                  |                  |  |
| subjects affected / exposed            | 1 / 38 (2.63%)   | 2 / 36 (5.56%)   |  |
| occurrences (all)                      | 1                | 2                |  |
| Toothache                              |                  |                  |  |
| subjects affected / exposed            | 1 / 38 (2.63%)   | 2 / 36 (5.56%)   |  |
| occurrences (all)                      | 1                | 2                |  |
| Vomiting                               |                  |                  |  |
| subjects affected / exposed            | 11 / 38 (28.95%) | 12 / 36 (33.33%) |  |
| occurrences (all)                      | 11               | 12               |  |
| Skin and subcutaneous tissue disorders |                  |                  |  |
| Dry skin                               |                  |                  |  |
| subjects affected / exposed            | 3 / 38 (7.89%)   | 1 / 36 (2.78%)   |  |
| occurrences (all)                      | 3                | 1                |  |

|   |                |                 |  |
|---|----------------|-----------------|--|
| Erythema  |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 4 / 36 (11.11%) |  |
| occurrences (all)                               | 0              | 4               |  |
| Night sweats                                    |                |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%)  |  |
| occurrences (all)                               | 2              | 0               |  |
| Petechiae                                       |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 3 / 36 (8.33%)  |  |
| occurrences (all)                               | 1              | 3               |  |
| Pruritus  |                |                 |  |
| subjects affected / exposed                     | 3 / 38 (7.89%) | 0 / 36 (0.00%)  |  |
| occurrences (all)                               | 3              | 0               |  |
| Rash  |                |                 |  |
| subjects affected / exposed                     | 1 / 38 (2.63%) | 3 / 36 (8.33%)  |  |
| occurrences (all)                               | 1              | 3               |  |
| Rash erythematous                               |                |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 1 / 36 (2.78%)  |  |
| occurrences (all)                               | 2              | 1               |  |
| Rash maculo-papular                             |                |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 1 / 36 (2.78%)  |  |
| occurrences (all)                               | 2              | 1               |  |
| Skin lesion                                     |                |                 |  |
| subjects affected / exposed                     | 3 / 38 (7.89%) | 2 / 36 (5.56%)  |  |
| occurrences (all)                               | 3              | 2               |  |
| Renal and urinary disorders                     |                |                 |  |
| Haematuria                                      |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%)  |  |
| occurrences (all)                               | 0              | 2               |  |
| Urinary hesitation                              |                |                 |  |
| subjects affected / exposed                     | 0 / 38 (0.00%) | 2 / 36 (5.56%)  |  |
| occurrences (all)                               | 0              | 2               |  |
| Urinary incontinence                            |                |                 |  |
| subjects affected / exposed                     | 2 / 38 (5.26%) | 0 / 36 (0.00%)  |  |
| occurrences (all)                               | 2              | 0               |  |
| Musculoskeletal and connective tissue disorders |                |                 |  |

|                               |                 |                 |  |
|-------------------------------|-----------------|-----------------|--|
| Arthralgia                    |                 |                 |  |
| subjects affected / exposed   | 3 / 38 (7.89%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)             | 3               | 2               |  |
| Back pain                     |                 |                 |  |
| subjects affected / exposed   | 5 / 38 (13.16%) | 3 / 36 (8.33%)  |  |
| occurrences (all)             | 5               | 3               |  |
| Muscular weakness             |                 |                 |  |
| subjects affected / exposed   | 2 / 38 (5.26%)  | 1 / 36 (2.78%)  |  |
| occurrences (all)             | 2               | 1               |  |
| Musculoskeletal chest pain    |                 |                 |  |
| subjects affected / exposed   | 2 / 38 (5.26%)  | 1 / 36 (2.78%)  |  |
| occurrences (all)             | 2               | 1               |  |
| Musculoskeletal pain          |                 |                 |  |
| subjects affected / exposed   | 2 / 38 (5.26%)  | 6 / 36 (16.67%) |  |
| occurrences (all)             | 2               | 6               |  |
| Myalgia                       |                 |                 |  |
| subjects affected / exposed   | 4 / 38 (10.53%) | 1 / 36 (2.78%)  |  |
| occurrences (all)             | 4               | 1               |  |
| Neck pain                     |                 |                 |  |
| subjects affected / exposed   | 1 / 38 (2.63%)  | 4 / 36 (11.11%) |  |
| occurrences (all)             | 1               | 4               |  |
| Pain in extremity             |                 |                 |  |
| subjects affected / exposed   | 3 / 38 (7.89%)  | 3 / 36 (8.33%)  |  |
| occurrences (all)             | 3               | 3               |  |
| Infections and infestations   |                 |                 |  |
| Bronchitis                    |                 |                 |  |
| subjects affected / exposed   | 0 / 38 (0.00%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)             | 0               | 2               |  |
| Clostridial infection         |                 |                 |  |
| subjects affected / exposed   | 1 / 38 (2.63%)  | 3 / 36 (8.33%)  |  |
| occurrences (all)             | 1               | 3               |  |
| Clostridium difficile colitis |                 |                 |  |
| subjects affected / exposed   | 1 / 38 (2.63%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)             | 1               | 2               |  |
| Herpes simplex                |                 |                 |  |

|                                    |                 |                 |  |
|------------------------------------|-----------------|-----------------|--|
| subjects affected / exposed        | 1 / 38 (2.63%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 1               | 2               |  |
| Parainfluenzae virus infection     |                 |                 |  |
| subjects affected / exposed        | 0 / 38 (0.00%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 0               | 2               |  |
| Pneumonia                          |                 |                 |  |
| subjects affected / exposed        | 0 / 38 (0.00%)  | 5 / 36 (13.89%) |  |
| occurrences (all)                  | 0               | 5               |  |
| Pneumonia fungal                   |                 |                 |  |
| subjects affected / exposed        | 0 / 38 (0.00%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 0               | 2               |  |
| Rhinitis                           |                 |                 |  |
| subjects affected / exposed        | 1 / 38 (2.63%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 1               | 2               |  |
| Upper respiratory tract infection  |                 |                 |  |
| subjects affected / exposed        | 0 / 38 (0.00%)  | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 0               | 2               |  |
| Vaginal infection                  |                 |                 |  |
| subjects affected / exposed        | 2 / 38 (5.26%)  | 0 / 36 (0.00%)  |  |
| occurrences (all)                  | 2               | 0               |  |
| Metabolism and nutrition disorders |                 |                 |  |
| Decreased appetite                 |                 |                 |  |
| subjects affected / exposed        | 5 / 38 (13.16%) | 6 / 36 (16.67%) |  |
| occurrences (all)                  | 5               | 6               |  |
| Hyperglycaemia                     |                 |                 |  |
| subjects affected / exposed        | 4 / 38 (10.53%) | 3 / 36 (8.33%)  |  |
| occurrences (all)                  | 4               | 3               |  |
| Hyperkalaemia                      |                 |                 |  |
| subjects affected / exposed        | 2 / 38 (5.26%)  | 0 / 36 (0.00%)  |  |
| occurrences (all)                  | 2               | 0               |  |
| Hyperphosphataemia                 |                 |                 |  |
| subjects affected / exposed        | 0 / 38 (0.00%)  | 6 / 36 (16.67%) |  |
| occurrences (all)                  | 0               | 6               |  |
| Hypoalbuminaemia                   |                 |                 |  |
| subjects affected / exposed        | 4 / 38 (10.53%) | 2 / 36 (5.56%)  |  |
| occurrences (all)                  | 4               | 2               |  |



|                             |                 |                 |  |
|-----------------------------|-----------------|-----------------|--|
| Hypocalcaemia               |                 |                 |  |
| subjects affected / exposed | 4 / 38 (10.53%) | 2 / 36 (5.56%)  |  |
| occurrences (all)           | 4               | 2               |  |
| Hypokalaemia                |                 |                 |  |
| subjects affected / exposed | 9 / 38 (23.68%) | 6 / 36 (16.67%) |  |
| occurrences (all)           | 9               | 6               |  |
| Hypomagnesaemia             |                 |                 |  |
| subjects affected / exposed | 5 / 38 (13.16%) | 4 / 36 (11.11%) |  |
| occurrences (all)           | 5               | 4               |  |
| Hyponatraemia               |                 |                 |  |
| subjects affected / exposed | 4 / 38 (10.53%) | 2 / 36 (5.56%)  |  |
| occurrences (all)           | 4               | 2               |  |
| Hypophosphataemia           |                 |                 |  |
| subjects affected / exposed | 1 / 38 (2.63%)  | 5 / 36 (13.89%) |  |
| occurrences (all)           | 1               | 5               |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date            | Amendment   |
|-----------------|---|
| 24 May 2012     | <ul style="list-style-type: none"><li>• Updated the Sponsor address.</li><li>• Updated contact details of key Sponsor's personnel.</li><li>• Corrected the compound code for the active metabolite of AC220.</li><li>• Revised inclusion criteria.</li><li>• Updated and clarified exclusion criteria.</li><li>• Revised significance level in statistics section.</li><li>• Updated stopping table in statistics section.</li><li>• Updated Table 1 and footnotes.</li><li>• Updated Table 2 and footnotes.</li><li>• Clarifies that MUGA or ECHO is allowed at Screening.</li><li>• Updated the formulation of the investigational drug is supplied as 90 mg of AC220.</li><li>• Updated the storage temperature of AC220.</li><li>• Updated the time of stability for reconstituted AC220.</li><li>• Defined AE reporting time.</li><li>• Clarified the requirements on when to include height and weight during physical exams.</li><li>• Updated the title of sections 5.7.1.2 and 5.7.1.3.</li><li>• Updated the total amount of blood required for the study.</li><li>• Updated Appendix 12.10.</li><li>• Included other minor administrative-type corrections, eg, consistency, format, typos, etc.</li></ul>   |
| 22 October 2012 | <ul style="list-style-type: none"><li>• Updated the List of Abbreviations.</li><li>• Updated secondary objectives.</li><li>• Revised sample size.</li><li>• Clarified that MUGA or ECHO is allowed at Screening.</li><li>• Clarified the screening assessments that require bone marrow samples.</li><li>• Revised inclusion criteria.</li><li>• Revised exclusion criteria.</li><li>• Clarified CR definition.</li><li>• Clarified and corrected QTcF grading definition.</li><li>• Updated and clarified exploratory variables.</li><li>• Clarified efficacy analysis based on central versus local FLT3-ITD testing.</li><li>• Added central morphological review of bone marrow samples.</li><li>• Revised language in efficacy, safety and PK analysis sections.</li><li>• Updated footnote in Table 1.</li><li>• Updated clinical information from AC220-002 clinical study.</li><li>• Clarified AC220 dose re-escalation language.</li><li>• Updated concomitant medication section.</li><li>• Added instructions to be followed in the case of a missed dosage.</li><li>• Clarified criteria for continuation of treatment.</li><li>• Added text describing secondary efficacy objectives.</li><li>• Added text on disease history and extent of exposure.</li><li>• Updated language about secondary safety analysis.</li><li>• Added text on previous and concomitant transfusions.</li><li>• Updated pharmacodynamic analyses section.</li><li>• Included information on protocol deviations.</li><li>• Clarified use of a Data Monitoring Committee.</li><li>• Added missing CYP3A4 inhibitors to the list of excluded concomitant medication.</li><li>• Clarified lines of therapy and add tools for patient eligibility determination.</li><li>• Included other minor administrative-type corrections, eg, consistency, format, typos, etc.</li></ul> |

|                 |   |
|-----------------|---|
| 28 August 2013  | <ul style="list-style-type: none"> <li>• Changed headers and footers.</li> <li>• Changed title page format.</li> <li>• Changed IND and EudraCT numbers.</li> <li>• Removed Astellas terminology.</li> <li>• Removed reference to Astellas.</li> <li>• Removed reference to Astellas personnel.</li> </ul>                   |
| 04 October 2014 | <ul style="list-style-type: none"> <li>• EudraCT number was corrected.</li> <li>• Contact details of key Sponsor personnel were updated (Section II).</li> <li>• Planned study period was updated (Section IV).</li> <li>• Description of study drug was updated to include both powder and tablet formulations.</li> </ul> |

Notes:

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## **Interruptions (globally)**

Were there any global interruptions to the trial? No

## **Limitations and caveats**

None reported