



## Clinical trial results:

### A Phase 1b Multicenter, Open-label, Expansion Study to Assess the Safety and Efficacy of AMG 420 in Subjects With Relapsed and/or Refractory Multiple Myeloma

#### Summary

|                          |                |
|--------------------------|----------------|
| EudraCT number           | 2018-002879-17 |
| Trial protocol           | BE ES FR       |
| Global end of trial date | 21 April 2022  |

#### Results information

|                                |  |
|--------------------------------|--|
| Result version number          | v2 (current)   |
| This version publication date  | 08 July 2023   |
| First version publication date | 14 April 2023  |
| Version creation reason        | <ul style="list-style-type: none"><li>• Correction of full data set</li></ul> In main objective of trial: Should be 400 µg/day and and 600 µg/day instead of "mg". |

#### Trial information

##### Trial identification

|                       |          |
|-----------------------|----------|
| Sponsor protocol code | 20160370 |
|-----------------------|----------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT03836053 |
| WHO universal trial number (UTN)   | -           |

Notes:

##### Sponsors

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Amgen Inc.   |
| Sponsor organisation address | One Amgen Center Drive, Thousand Oaks, CA, United States,                |
| Public contact               | IHQ Medical Info-Clinical Trials, Amgen (EUROPE) GmbH, medinfo@amgen.com |
| Scientific contact           | IHQ Medical Info-Clinical Trials, Amgen (EUROPE) GmbH, medinfo@amgen.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                       | 21 April 2022 |
| Is this the analysis of the primary completion data? | No            |
| Global end of trial reached?                         | Yes           |
| Global end of trial date                             | 21 April 2022 |
| Was the trial ended prematurely?                     | Yes           |

Notes:

## General information about the trial

Main objective of the trial:

The main objective of this trial was to establish the safety and tolerability of AMG 420 at dose levels of 400 µg/day and 600 µg/day in participants with relapsed and/or refractory multiple myeloma (RRMM).

Protection of trial subjects:

This study was conducted in accordance with International Council for Harmonisation (ICH) Good Clinical Practice (GCP) regulations/guidelines.

Background therapy: -

Evidence for comparator: -

|   |                  |
|---|------------------|
| Actual start date of recruitment                          | 04 March 2019    |
| Long term follow-up planned                               | Yes              |
| Long term follow-up rationale                             | Safety, Efficacy |
| Long term follow-up duration                              | 5 Years          |
| Independent data monitoring committee (IDMC) involvement? | No               |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |                   |
|--------------------------------------|-------------------|
| Country: Number of subjects enrolled | United States: 23 |
| Worldwide total number of subjects   | 23                |
| EEA total number of subjects         | 0                 |

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)                      | 14 |
| From 65 to 84 years                       | 9  |
| 85 years and over                         | 0  |

## Subject disposition

### Recruitment

Recruitment details:

This study was conducted at 10 centers in Australia, Belgium, Japan, Switzerland, and the United States from 04 March 2019 to 21 April 2022.

### Pre-assignment

Screening details:

23 participants were enrolled and all 23 of those participants received study drug.

### Period 1

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

### Arms

|                              |                    |
|------------------------------|--------------------|
| Are arms mutually exclusive? | Yes                |
| <b>Arm title</b>             | AMG 420 200 µg/day |

Arm description:

28 day continuous intravenous infusion of AMG 420 200 µg/day followed by a 2 week treatment-free interval, until progressive disease (PD) or relapse as defined by International Myeloma Working Group (IMWG) response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

|  |                 |
|--|-----------------|
| Arm type                               | Experimental    |
| Investigational medicinal product name | AMG 420         |
| Investigational medicinal product code |                 |
| Other name                             |                 |
| Pharmaceutical forms                   | Infusion        |
| Routes of administration               | Intravenous use |

Dosage and administration details:

AMG 420 was given as a 28 day continuous intravenous infusion followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

|                  |                    |
|------------------|--------------------|
| <b>Arm title</b> | AMG 420 400 µg/day |
|------------------|--------------------|

Arm description:

28 day continuous intravenous infusion of AMG 420 400 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

|  |                 |
|--|-----------------|
| Arm type                               | Experimental    |
| Investigational medicinal product name | AMG 420         |
| Investigational medicinal product code |                 |
| Other name                             |                 |
| Pharmaceutical forms                   | Infusion        |
| Routes of administration               | Intravenous use |

Dosage and administration details:

AMG 420 was given as a 28 day continuous intravenous infusion followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

|                  |                    |
|------------------|--------------------|
| <b>Arm title</b> | AMG 420 600 µg/day |
|------------------|--------------------|

Arm description:

28 day continuous intravenous infusion of AMG 420 600 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next

anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

|  |                 |
|--|-----------------|
| Arm type                               | Experimental    |
| Investigational medicinal product name | AMG 420         |
| Investigational medicinal product code |                 |
| Other name                             |                 |
| Pharmaceutical forms                   | Infusion        |
| Routes of administration               | Intravenous use |

Dosage and administration details:

AMG 420 was given as a 28 day continuous intravenous infusion followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation

| <b>Number of subjects in period 1</b> | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |
|---------------------------------------|-----------------------|-----------------------|-----------------------|
| Started                               | 1                     | 12                    | 10                    |
| Completed                             | 0                     | 2                     | 0                     |
| Not completed                         | 1                     | 10                    | 10                    |
| Adverse event, serious fatal          | 1                     | 6                     | 4                     |
| Withdrawal of consent from study      | -                     | -                     | 1                     |
| Protocol-specified criteria           | -                     | 2                     | 1                     |
| Decision by sponsor                   | -                     | 2                     | 4                     |

## Baseline characteristics

### Reporting groups

|  |                    |
|--|--------------------|
| Reporting group title  | AMG 420 200 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 200 µg/day followed by a 2 week treatment-free interval, until progressive disease (PD) or relapse as defined by International Myeloma Working Group (IMWG) response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation |                    |
| Reporting group title  | AMG 420 400 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 400 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation   |                    |
| Reporting group title  | AMG 420 600 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 600 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation   |                    |

| Reporting group values   | AMG 420 200 µg/day | AMG 420 400 µg/day | AMG 420 600 µg/day |
|--|--------------------|--------------------|--------------------|
| Number of subjects   | 1                  | 12                 | 10                 |
| Age categorical<br>Units: Subjects                                       |                    |                    |                    |
| Adults (18-64 years)   | 1                  | 6                  | 7                  |
| From 65-84 years   | 0                  | 6                  | 3                  |
| 85 years and over  | 0                  | 0                  | 0                  |
| Age Continuous   |                    |                    |                    |
| 99999 = No data presented because there was only 1 participant analyzed. |                    |                    |                    |
| Units: years   |                    |                    |                    |
| arithmetic mean  | 49.0               | 64.7               | 60.8               |
| standard deviation   | ± 99999            | ± 6.7              | ± 11.7             |
| Sex: Female, Male<br>Units: participants                                 |                    |                    |                    |
| Female   | 1                  | 3                  | 5                  |
| Male   | 0                  | 9                  | 5                  |
| Ethnicity (NIH/OMB)<br>Units: Subjects                                   |                    |                    |                    |
| Hispanic or Latino   | 0                  | 0                  | 0                  |
| Not Hispanic or Latino   | 1                  | 12                 | 10                 |
| Unknown or Not Reported  | 0                  | 0                  | 0                  |
| Race (NIH/OMB)<br>Units: Subjects  |                    |                    |                    |
| American Indian or Alaska Native   | 0                  | 0                  | 0                  |
| Asian  | 1                  | 0                  | 0                  |
| Native Hawaiian or Other Pacific Islander                                | 0                  | 0                  | 0                  |
| Black or African American  | 0                  | 2                  | 3                  |
| White  | 0                  | 10                 | 7                  |
| More than one race   | 0                  | 0                  | 0                  |
| Unknown or Not Reported  | 0                  | 0                  | 0                  |

|  |       |  |  |
|--|-------|--|--|
| <b>Reporting group values</b>  | Total |  |  |
| Number of subjects   | 23    |  |  |
| Age categorical<br>Units: Subjects                                       |       |  |  |
| Adults (18-64 years)   | 14    |  |  |
| From 65-84 years   | 9     |  |  |
| 85 years and over  | 0     |  |  |
| Age Continuous   |       |  |  |
| 99999 = No data presented because there was only 1 participant analyzed. |       |  |  |
| Units: years<br>arithmetic mean<br>standard deviation                    | -     |  |  |
| Sex: Female, Male<br>Units: participants                                 |       |  |  |
| Female   | 9     |  |  |
| Male   | 14    |  |  |
| Ethnicity (NIH/OMB)<br>Units: Subjects                                   |       |  |  |
| Hispanic or Latino   | 0     |  |  |
| Not Hispanic or Latino   | 23    |  |  |
| Unknown or Not Reported  | 0     |  |  |
| Race (NIH/OMB)<br>Units: Subjects  |       |  |  |
| American Indian or Alaska Native   | 0     |  |  |
| Asian  | 1     |  |  |
| Native Hawaiian or Other Pacific Islander                                | 0     |  |  |
| Black or African American  | 5     |  |  |
| White  | 17    |  |  |
| More than one race   | 0     |  |  |
| Unknown or Not Reported  | 0     |  |  |

## End points

### End points reporting groups

|  |                    |
|--|--------------------|
| Reporting group title  | AMG 420 200 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 200 µg/day followed by a 2 week treatment-free interval, until progressive disease (PD) or relapse as defined by International Myeloma Working Group (IMWG) response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation |                    |
| Reporting group title  | AMG 420 400 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 400 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation   |                    |
| Reporting group title  | AMG 420 600 µg/day |
| Reporting group description:<br>28 day continuous intravenous infusion of AMG 420 600 µg/day followed by a 2 week treatment-free interval, until PD or relapse as defined by IMWG response criteria, unacceptable safety events, next anti-multiple myeloma treatment, or other reason for permanent treatment discontinuation   |                    |

### Primary: Number of Participants With Dose-limiting Toxicities (DLTs)

|   |  |
|---|--|
| End point title   | Number of Participants With Dose-limiting Toxicities (DLTs) <sup>[1]</sup> |
| End point description:<br>DLTs were graded using Common Terminology Criteria for Adverse Events (CTCAE) v5.0, with the exception of cytokine release syndrome (CRS) and tumor lysis syndrome (TLS), which graded using the criteria referenced in the publication by Lee et al, 2014 and the Cairo Bishop criteria referenced in the publication by Coiffier et al, 2008 respectively.<br><br>DLT evaluation analysis set includes participants who completed the DLT evaluable period or experienced a DLT any time during the DLT evaluable period. |  |
| End point type  | Primary  |
| End point timeframe:<br>Day 1 to Week 4   |  |

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: No statistical analysis was planned for this end point.

| End point values            | AMG 420 200 µg/day | AMG 420 400 µg/day | AMG 420 600 µg/day |  |
|-----------------------------|--------------------|--------------------|--------------------|--|
| Subject group type          | Reporting group    | Reporting group    | Reporting group    |  |
| Number of subjects analysed | 1                  | 11                 | 8                  |  |
| Units: Participants         | 1                  | 1                  | 0                  |  |

### Statistical analyses

No statistical analyses for this end point

### Primary: Number of Participants Who Experienced a Treatment-emergent Adverse Event (TEAE)

|   |   |
|---|---|
| End point title   | Number of Participants Who Experienced a Treatment-emergent Adverse Event (TEAE) <sup>[2]</sup> |
| End point description:<br>The severity of TEAEs were graded using the CTCAE version 5.0 with the exception of CRS and TLS, which graded using the criteria referenced in the publication by Lee et al, 2014 and the Cairo Bishop criteria referenced in the publication by Coiffier et al, 2008. Any clinically significant changes in vital signs, electrocardiograms (ECGs) and clinical laboratory tests were recorded as TEAEs. |   |
| End point type  | Primary   |
| End point timeframe:<br>Up to approximately 3 years   |   |

Notes:

[2] - 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: No statistical analysis was planned for this end point.

| End point values            | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |  |
|-----------------------------|-----------------------|-----------------------|-----------------------|--|
| Subject group type          | Reporting group       | Reporting group       | Reporting group       |  |
| Number of subjects analysed | 1                     | 12                    | 10                    |  |
| Units: Participants         | 1                     | 12                    | 10                    |  |

## Statistical analyses

No statistical analyses for this end point

## Primary: Number of Participants Who Experiences a Treatment-related TEAE

|  |  |
|--|--|
| End point title  | Number of Participants Who Experiences a Treatment-related TEAE <sup>[3]</sup> |
| End point description:<br>The severity of treatment-related TEAEs were graded using the CTCAE version 5.0 with the exception of CRS and TLS, which graded using the criteria referenced in the publication by Lee et al, 2014 and the Cairo Bishop criteria referenced in the publication by Coiffier et al, 2008. |  |
| End point type   | Primary  |
| End point timeframe:<br>Up to approximately 3 years  |  |

Notes:

[3] - 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: No statistical analysis was planned for this end point.

| End point values            | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |  |
|-----------------------------|-----------------------|-----------------------|-----------------------|--|
| Subject group type          | Reporting group       | Reporting group       | Reporting group       |  |
| Number of subjects analysed | 1                     | 12                    | 10                    |  |
| Units: Participants         | 1                     | 12                    | 9                     |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Overall Response Rate (ORR)

|                 |                             |
|-----------------|-----------------------------|
| End point title | Overall Response Rate (ORR) |
|-----------------|-----------------------------|

End point description:

ORR was defined as the percentage of participants for whom the best overall response was a stringent complete response (CR), CR, very good partial response (PR), or partial response as determined by the IMWG Uniform Response Criteria. The ORR along with the associated 95% exact binomial confidence interval (Clopper Pearson Method) was determined.

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

End point timeframe:

Up to approximately 3 years

| End point values                  | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |  |
|-----------------------------------|-----------------------|-----------------------|-----------------------|--|
| Subject group type                | Reporting group       | Reporting group       | Reporting group       |  |
| Number of subjects analysed       | 1                     | 12                    | 10                    |  |
| Units: Percentage of Participants |                       |                       |                       |  |
| number (confidence interval 95%)  | 0 (0.00 to 97.50)     | 41.7 (15.17 to 72.33) | 30.0 (6.67 to 65.25)  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Duration of Response (DOR)

|                 |                            |
|-----------------|----------------------------|
| End point title | Duration of Response (DOR) |
|-----------------|----------------------------|

End point description:

DOR was defined as number of months between first objective response to progressive disease or death (due to any cause), whichever occurred first. DOR was only calculated for participants who experienced a best overall response of PR or better.

Kaplan-Meier methods were used to estimate the distribution of DOR. The median and corresponding two-sided 95% confidence intervals were calculated.

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

End point timeframe:

Up to approximately 3 years

| End point values                 | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |  |
|----------------------------------|-----------------------|-----------------------|-----------------------|--|
| Subject group type               | Reporting group       | Reporting group       | Reporting group       |  |
| Number of subjects analysed      | 0 <sup>[4]</sup>      | 5                     | 3                     |  |
| Units: Months                    |                       |                       |                       |  |
| median (confidence interval 95%) | ( to )                | 5.49 (1.41 to 99999)  | 99999 (1.45 to 99999) |  |

Notes:

[4] - No participants with a response to measure

## Statistical analyses

No statistical analyses for this end point

### Secondary: Percentage of Participants With Minimal Residual Disease (MRD) Negativity Response at CR

|                 |  |
|-----------------|--|
| End point title | Percentage of Participants With Minimal Residual Disease (MRD) Negativity Response at CR |
|-----------------|--|

End point description:

MRD negativity at CR or better assessed by using the IMWG criteria.

Percentage of MRD negative responders at CR along with exact 2- sided 95% were provided by using the Clopper Pearson method.

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

End point timeframe:

Up to approximately 3 years

| End point values                  | AMG 420 200<br>µg/day | AMG 420 400<br>µg/day | AMG 420 600<br>µg/day |  |
|-----------------------------------|-----------------------|-----------------------|-----------------------|--|
| Subject group type                | Reporting group       | Reporting group       | Reporting group       |  |
| Number of subjects analysed       | 1                     | 12                    | 10                    |  |
| Units: Percentage of participants |                       |                       |                       |  |
| number (confidence interval 95%)  | 0.0 (0.0 to 97.50)    | 8.3 (0.21 to 38.48)   | 10.0 (0.25 to 44.50)  |  |

## Statistical analyses

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Up to approximately 3 years

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

### Dictionary used

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

|                    |      |
|--------------------|------|
| Dictionary version | 25.0 |
|--------------------|------|

### Reporting groups

|                       |                    |
|-----------------------|--------------------|
| Reporting group title | AMG 420 200 µg/day |
|-----------------------|--------------------|

Reporting group description: -

|                       |                    |
|-----------------------|--------------------|
| Reporting group title | AMG 420 400 µg/day |
|-----------------------|--------------------|

Reporting group description: -

|                       |                    |
|-----------------------|--------------------|
| Reporting group title | AMG 420 600 µg/day |
|-----------------------|--------------------|

Reporting group description: -

|                       |       |
|-----------------------|-------|
| Reporting group title | Total |
|-----------------------|-------|

Reporting group description: -

| Serious adverse events  | AMG 420 200 µg/day | AMG 420 400 µg/day | AMG 420 600 µg/day |
|---|--------------------|--------------------|--------------------|
| Total subjects affected by serious adverse events                   |                    |                    |                    |
| subjects affected / exposed   | 1 / 1 (100.00%)    | 10 / 12 (83.33%)   | 8 / 10 (80.00%)    |
| number of deaths (all causes)                                       | 1                  | 6                  | 4                  |
| number of deaths resulting from adverse events                      |                    |                    |                    |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                    |                    |                    |
| Plasmacytoma  |                    |                    |                    |
| subjects affected / exposed   | 0 / 1 (0.00%)      | 1 / 12 (8.33%)     | 0 / 10 (0.00%)     |
| occurrences causally related to treatment / all                     | 0 / 0              | 0 / 1              | 0 / 0              |
| deaths causally related to treatment / all                          | 0 / 0              | 0 / 1              | 0 / 0              |
| Plasma cell myeloma   |                    |                    |                    |
| subjects affected / exposed   | 1 / 1 (100.00%)    | 1 / 12 (8.33%)     | 1 / 10 (10.00%)    |
| occurrences causally related to treatment / all                     | 0 / 1              | 0 / 1              | 0 / 1              |
| deaths causally related to treatment / all                          | 0 / 1              | 0 / 0              | 0 / 0              |
| Injury, poisoning and procedural complications                      |                    |                    |                    |
| Subdural haematoma  |                    |                    |                    |
| subjects affected / exposed   | 0 / 1 (0.00%)      | 0 / 12 (0.00%)     | 1 / 10 (10.00%)    |
| occurrences causally related to treatment / all                     | 0 / 0              | 0 / 0              | 0 / 1              |
| deaths causally related to treatment / all                          | 0 / 0              | 0 / 0              | 0 / 1              |

|  |               |                 |                 |
|--|---------------|-----------------|-----------------|
| Vascular disorders                                   |               |                 |                 |
| Hypotension  |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all      | 0 / 0         | 0 / 0           | 0 / 1           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| Nervous system disorders                             |               |                 |                 |
| Presyncope   |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all      | 0 / 0         | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| Headache   |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all      | 0 / 0         | 1 / 1           | 0 / 0           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| General disorders and administration site conditions |               |                 |                 |
| Fatigue  |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all      | 0 / 0         | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| Disease progression                                  |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all      | 0 / 0         | 0 / 2           | 0 / 0           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 2           | 0 / 0           |
| Asthenia   |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all      | 0 / 0         | 1 / 1           | 0 / 0           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| Pyrexia  |               |                 |                 |
| subjects affected / exposed                          | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 2 / 10 (20.00%) |
| occurrences causally related to treatment / all      | 0 / 0         | 0 / 0           | 1 / 2           |
| deaths causally related to treatment / all           | 0 / 0         | 0 / 0           | 0 / 0           |
| Immune system disorders                              |               |                 |                 |
| Cytokine release syndrome                            |               |                 |                 |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 5 / 12 (41.67%) | 3 / 10 (30.00%) |
| occurrences causally related to treatment / all | 0 / 0           | 9 / 11          | 3 / 3           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Musculoskeletal and connective tissue disorders |                 |                 |                 |
| Myalgia   |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Infections and infestations                     |                 |                 |                 |
| Device related infection                        |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Influenza                                       |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 0           | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Infusion site infection                         |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Bacteraemia                                     |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Staphylococcal sepsis                           |                 |                 |                 |
| subjects affected / exposed                     | 1 / 1 (100.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 0           | 0 / 2           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Staphylococcal bacteraemia                      |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |

|   |               |                |                 |
|---|---------------|----------------|-----------------|
| Sepsis  |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 0         | 0 / 0          | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0         | 0 / 0          | 0 / 0           |
| Metabolism and nutrition disorders              |               |                |                 |
| Dehydration                                     |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 0         | 0 / 0          | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0         | 0 / 0          | 0 / 0           |

| <b>Serious adverse events</b>                                       | Total            |  |  |
|---|------------------|--|--|
| Total subjects affected by serious adverse events                   |                  |  |  |
| subjects affected / exposed   | 19 / 23 (82.61%) |  |  |
| number of deaths (all causes)                                       | 11               |  |  |
| number of deaths resulting from adverse events                      |                  |  |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                  |  |  |
| Plasmacytoma  |                  |  |  |
| subjects affected / exposed   | 1 / 23 (4.35%)   |  |  |
| occurrences causally related to treatment / all                     | 0 / 1            |  |  |
| deaths causally related to treatment / all                          | 0 / 1            |  |  |
| Plasma cell myeloma   |                  |  |  |
| subjects affected / exposed   | 3 / 23 (13.04%)  |  |  |
| occurrences causally related to treatment / all                     | 0 / 3            |  |  |
| deaths causally related to treatment / all                          | 0 / 1            |  |  |
| Injury, poisoning and procedural complications                      |                  |  |  |
| Subdural haematoma  |                  |  |  |
| subjects affected / exposed   | 1 / 23 (4.35%)   |  |  |
| occurrences causally related to treatment / all                     | 0 / 1            |  |  |
| deaths causally related to treatment / all                          | 0 / 1            |  |  |
| Vascular disorders  |                  |  |  |
| Hypotension   |                  |  |  |
| subjects affected / exposed   | 1 / 23 (4.35%)   |  |  |
| occurrences causally related to treatment / all                     | 0 / 1            |  |  |
| deaths causally related to treatment / all                          | 0 / 0            |  |  |
| Nervous system disorders  |                  |  |  |

|  |                 |  |  |
|--|-----------------|--|--|
| Presyncope   |                 |  |  |
| subjects affected / exposed                          | 1 / 23 (4.35%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Headache   |                 |  |  |
| subjects affected / exposed                          | 1 / 23 (4.35%)  |  |  |
| occurrences causally related to treatment / all      | 1 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| General disorders and administration site conditions |                 |  |  |
| Fatigue  |                 |  |  |
| subjects affected / exposed                          | 1 / 23 (4.35%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Disease progression                                  |                 |  |  |
| subjects affected / exposed                          | 2 / 23 (8.70%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 2           |  |  |
| deaths causally related to treatment / all           | 0 / 2           |  |  |
| Asthenia   |                 |  |  |
| subjects affected / exposed                          | 1 / 23 (4.35%)  |  |  |
| occurrences causally related to treatment / all      | 1 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Pyrexia  |                 |  |  |
| subjects affected / exposed                          | 2 / 23 (8.70%)  |  |  |
| occurrences causally related to treatment / all      | 1 / 2           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Immune system disorders                              |                 |  |  |
| Cytokine release syndrome                            |                 |  |  |
| subjects affected / exposed                          | 8 / 23 (34.78%) |  |  |
| occurrences causally related to treatment / all      | 12 / 14         |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Musculoskeletal and connective tissue disorders      |                 |  |  |
| Myalgia  |                 |  |  |

|   |                |  |  |
|---|----------------|--|--|
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Infections and infestations</b>              |                |  |  |
| Device related infection                        |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Influenza</b>                                |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Infusion site infection</b>                  |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Bacteraemia</b>                              |                |  |  |
| subjects affected / exposed                     | 2 / 23 (8.70%) |  |  |
| occurrences causally related to treatment / all | 0 / 2          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Staphylococcal sepsis</b>                    |                |  |  |
| subjects affected / exposed                     | 2 / 23 (8.70%) |  |  |
| occurrences causally related to treatment / all | 1 / 3          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Staphylococcal bacteraemia</b>               |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Sepsis</b>                                   |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |
| <b>Metabolism and nutrition disorders</b>       |                |  |  |

|   |                |  |  |
|---|----------------|--|--|
| Dehydration                                     |                |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |

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

| <b>Non-serious adverse events</b>                           | <b>AMG 420 200<br/>µg/day</b> | <b>AMG 420 400<br/>µg/day</b> | <b>AMG 420 600<br/>µg/day</b> |
|---|-------------------------------|-------------------------------|-------------------------------|
| Total subjects affected by non-serious adverse events       |                               |                               |                               |
| subjects affected / exposed                                 | 1 / 1 (100.00%)               | 12 / 12 (100.00%)             | 10 / 10 (100.00%)             |
| <b>Vascular disorders</b>                                   |                               |                               |                               |
| Hypotension   |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 1 / 12 (8.33%)                | 2 / 10 (20.00%)               |
| occurrences (all)   | 0                             | 2                             | 4                             |
| Hypertension  |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 1 / 12 (8.33%)                | 1 / 10 (10.00%)               |
| occurrences (all)   | 0                             | 4                             | 1                             |
| <b>General disorders and administration site conditions</b> |                               |                               |                               |
| Chest discomfort  |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 1 / 12 (8.33%)                | 0 / 10 (0.00%)                |
| occurrences (all)   | 0                             | 1                             | 0                             |
| Oedema peripheral   |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 2 / 12 (16.67%)               | 3 / 10 (30.00%)               |
| occurrences (all)   | 0                             | 3                             | 3                             |
| Malaise   |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 1 / 12 (8.33%)                | 0 / 10 (0.00%)                |
| occurrences (all)   | 0                             | 1                             | 0                             |
| Pyrexia   |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 6 / 12 (50.00%)               | 6 / 10 (60.00%)               |
| occurrences (all)   | 0                             | 9                             | 13                            |
| Ulcer   |                               |                               |                               |
| subjects affected / exposed                                 | 0 / 1 (0.00%)                 | 0 / 12 (0.00%)                | 1 / 10 (10.00%)               |
| occurrences (all)   | 0                             | 0                             | 1                             |
| Hypothermia   |                               |                               |                               |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0               | 1               |
| Fatigue   |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 5 / 12 (41.67%) | 6 / 10 (60.00%) |
| occurrences (all)                               | 0               | 7               | 8               |
| Chills  |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0               | 1               | 0               |
| Chest pain                                      |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0               | 1               |
| Oedema  |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 2 / 12 (16.67%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0               | 3               | 0               |
| Peripheral swelling                             |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0               | 1               |
| Immune system disorders                         |                 |                 |                 |
| Cytokine release syndrome                       |                 |                 |                 |
| subjects affected / exposed                     | 1 / 1 (100.00%) | 9 / 12 (75.00%) | 7 / 10 (70.00%) |
| occurrences (all)                               | 2               | 28              | 20              |
| Respiratory, thoracic and mediastinal disorders |                 |                 |                 |
| Cough   |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 2 / 12 (16.67%) | 2 / 10 (20.00%) |
| occurrences (all)                               | 0               | 5               | 3               |
| Dyspnoea  |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 2 / 12 (16.67%) | 2 / 10 (20.00%) |
| occurrences (all)                               | 0               | 3               | 2               |
| Epistaxis                                       |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                               | 0               | 0               | 2               |
| Hypoxia   |                 |                 |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0               | 2               | 0               |
| Nasal congestion                                |                 |                 |                 |

|   |               |                |                 |
|---|---------------|----------------|-----------------|
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0             | 1              | 1               |
| Oropharyngeal pain                              |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Respiratory alkalosis                           |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0             | 0              | 1               |
| Rhinorrhoea                                     |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Sinus congestion                                |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 2 / 10 (20.00%) |
| occurrences (all)                               | 0             | 1              | 2               |
| Wheezing  |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0             | 0              | 1               |
| Psychiatric disorders                           |               |                |                 |
| Substance abuse                                 |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Confusional state                               |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Disorientation                                  |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Insomnia  |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0             | 0              | 1               |
| Nervousness                                     |               |                |                 |
| subjects affected / exposed                     | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 0             | 1              | 0               |
| Investigations                                  |               |                |                 |
| Activated partial thromboplastin time prolonged |               |                |                 |

|                                      |               |                |                 |
|--------------------------------------|---------------|----------------|-----------------|
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0             | 1              | 0               |
| Blood creatine increased             |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0             | 1              | 0               |
| Blood creatinine increased           |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0             | 2              | 0               |
| Blood fibrinogen increased           |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 0              | 1               |
| C-reactive protein increased         |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 3              | 1               |
| Carbon dioxide decreased             |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 0              | 1               |
| Electrocardiogram T wave abnormal    |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 1              | 1               |
| White blood cell count decreased     |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 1              | 2               |
| Fibrin D dimer increased             |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 2 / 10 (20.00%) |
| occurrences (all)                    | 0             | 0              | 5               |
| Immature granulocyte count increased |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 0 / 12 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 0              | 1               |
| Lipase increased                     |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0             | 1              | 0               |
| Lymphocyte count decreased           |               |                |                 |
| subjects affected / exposed          | 0 / 1 (0.00%) | 1 / 12 (8.33%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0             | 2              | 1               |

|  |                      |                      |                      |
|--|----------------------|----------------------|----------------------|
| Neutrophil count decreased<br>subjects affected / exposed<br>occurrences (all) | 0 / 1 (0.00%)<br>0   | 1 / 12 (8.33%)<br>8  | 0 / 10 (0.00%)<br>0  |
| Nitrite urine present<br>subjects affected / exposed<br>occurrences (all)      | 0 / 1 (0.00%)<br>0   | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Platelet count decreased<br>subjects affected / exposed<br>occurrences (all)   | 0 / 1 (0.00%)<br>0   | 2 / 12 (16.67%)<br>5 | 1 / 10 (10.00%)<br>5 |
| Protein total increased<br>subjects affected / exposed<br>occurrences (all)    | 0 / 1 (0.00%)<br>0   | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>2 |
| Weight decreased<br>subjects affected / exposed<br>occurrences (all)           | 0 / 1 (0.00%)<br>0   | 2 / 12 (16.67%)<br>2 | 2 / 10 (20.00%)<br>2 |
| Weight increased<br>subjects affected / exposed<br>occurrences (all)           | 0 / 1 (0.00%)<br>0   | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Injury, poisoning and procedural complications                                 |                      |                      |                      |
| Fall<br>subjects affected / exposed<br>occurrences (all)                       | 0 / 1 (0.00%)<br>0   | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>3 |
| Fibula fracture<br>subjects affected / exposed<br>occurrences (all)            | 1 / 1 (100.00%)<br>1 | 0 / 12 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Skin laceration<br>subjects affected / exposed<br>occurrences (all)            | 0 / 1 (0.00%)<br>0   | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Sternal fracture<br>subjects affected / exposed<br>occurrences (all)           | 0 / 1 (0.00%)<br>0   | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Cardiac disorders  |                      |                      |                      |
| Atrial fibrillation<br>subjects affected / exposed<br>occurrences (all)        | 0 / 1 (0.00%)<br>0   | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Tachycardia  |                      |                      |                      |

|                               |               |                 |                 |
|-------------------------------|---------------|-----------------|-----------------|
| subjects affected / exposed   | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 0             | 1               | 0               |
| Sinus tachycardia             |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 1               | 1               |
| Nervous system disorders      |               |                 |                 |
| Aphasia                       |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 3               |
| Carpal tunnel syndrome        |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 1               |
| Dizziness                     |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 3 / 10 (30.00%) |
| occurrences (all)             | 0             | 2               | 3               |
| Headache                      |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 8 / 12 (66.67%) | 4 / 10 (40.00%) |
| occurrences (all)             | 0             | 16              | 9               |
| Neuralgia                     |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 1               |
| Peripheral sensory neuropathy |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 6               |
| Presyncope                    |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 0             | 1               | 0               |
| Seizure                       |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 1               |
| Sinus headache                |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 0               | 1               |
| Tremor                        |               |                 |                 |
| subjects affected / exposed   | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0             | 1               | 1               |

|   |                    |                      |                       |
|---|--------------------|----------------------|-----------------------|
| Dysgeusia<br>subjects affected / exposed<br>occurrences (all)               | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>2  |
| Blood and lymphatic system disorders  |                    |                      |                       |
| Anaemia<br>subjects affected / exposed<br>occurrences (all)                 | 0 / 1 (0.00%)<br>0 | 4 / 12 (33.33%)<br>8 | 4 / 10 (40.00%)<br>7  |
| Leukocyte vacuolisation<br>subjects affected / exposed<br>occurrences (all) | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 2 / 10 (20.00%)<br>3  |
| Leukocytosis<br>subjects affected / exposed<br>occurrences (all)            | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Thrombocytopenia<br>subjects affected / exposed<br>occurrences (all)        | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 3 / 10 (30.00%)<br>3  |
| Leukopenia<br>subjects affected / exposed<br>occurrences (all)              | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 2 / 10 (20.00%)<br>4  |
| Lymphopenia<br>subjects affected / exposed<br>occurrences (all)             | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0   |
| Neutropenia<br>subjects affected / exposed<br>occurrences (all)             | 0 / 1 (0.00%)<br>0 | 2 / 12 (16.67%)<br>2 | 3 / 10 (30.00%)<br>10 |
| Neutrophilia<br>subjects affected / exposed<br>occurrences (all)            | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 2 / 10 (20.00%)<br>2  |
| Hyperfibrinogenaemia<br>subjects affected / exposed<br>occurrences (all)    | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>2  | 0 / 10 (0.00%)<br>0   |
| Eye disorders   |                    |                      |                       |
| Vision blurred<br>subjects affected / exposed<br>occurrences (all)          | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 1 / 10 (10.00%)<br>1  |
| Diplopia  |                    |                      |                       |

|                                  |               |                 |                 |
|----------------------------------|---------------|-----------------|-----------------|
| subjects affected / exposed      | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0             | 1               | 0               |
| Cataract                         |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0             | 1               | 0               |
| Conjunctival haemorrhage         |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                | 0             | 0               | 1               |
| Gastrointestinal disorders       |               |                 |                 |
| Mouth haemorrhage                |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                | 0             | 0               | 1               |
| Nausea                           |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 5 / 12 (41.67%) | 3 / 10 (30.00%) |
| occurrences (all)                | 0             | 6               | 6               |
| Oral pain                        |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                | 0             | 0               | 1               |
| Stomatitis                       |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0             | 2               | 0               |
| Vomiting                         |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                | 0             | 0               | 2               |
| Lip dry                          |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                | 0             | 0               | 1               |
| Gastrooesophageal reflux disease |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0             | 1               | 0               |
| Dyspepsia                        |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                | 0             | 0               | 2               |
| Diarrhoea                        |               |                 |                 |
| subjects affected / exposed      | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 2 / 10 (20.00%) |
| occurrences (all)                | 0             | 3               | 4               |

|   |                    |                      |                      |
|---|--------------------|----------------------|----------------------|
| Constipation<br>subjects affected / exposed<br>occurrences (all)  | 0 / 1 (0.00%)<br>0 | 3 / 12 (25.00%)<br>3 | 5 / 10 (50.00%)<br>6 |
| Abdominal pain<br>subjects affected / exposed<br>occurrences (all)  | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 2 / 10 (20.00%)<br>2 |
| Hepatobiliary disorders<br>Hypertransaminasaemia<br>subjects affected / exposed<br>occurrences (all)              | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>2  | 0 / 10 (0.00%)<br>0  |
| Skin and subcutaneous tissue disorders<br>Pruritus<br>subjects affected / exposed<br>occurrences (all)            | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 2 / 10 (20.00%)<br>3 |
| Rash<br>subjects affected / exposed<br>occurrences (all)  | 0 / 1 (0.00%)<br>0 | 0 / 12 (0.00%)<br>0  | 1 / 10 (10.00%)<br>2 |
| Rash maculo-papular<br>subjects affected / exposed<br>occurrences (all)   | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Skin exfoliation<br>subjects affected / exposed<br>occurrences (all)  | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 2 / 10 (20.00%)<br>3 |
| Dry skin<br>subjects affected / exposed<br>occurrences (all)  | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Renal and urinary disorders<br>Pollakiuria<br>subjects affected / exposed<br>occurrences (all)                    | 0 / 1 (0.00%)<br>0 | 1 / 12 (8.33%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Musculoskeletal and connective tissue disorders<br>Arthralgia<br>subjects affected / exposed<br>occurrences (all) | 0 / 1 (0.00%)<br>0 | 2 / 12 (16.67%)<br>4 | 3 / 10 (30.00%)<br>4 |
| Arthritis   |                    |                      |                      |

|                             |               |                 |                 |
|-----------------------------|---------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |
| Back pain                   |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 3 / 12 (25.00%) | 2 / 10 (20.00%) |
| occurrences (all)           | 0             | 3               | 3               |
| Bone pain                   |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |
| Muscle spasms               |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 2 / 10 (20.00%) |
| occurrences (all)           | 0             | 2               | 2               |
| Muscular weakness           |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 0             | 1               | 0               |
| Musculoskeletal chest pain  |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 0             | 1               | 0               |
| Myalgia                     |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |
| Neck pain                   |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 2               | 1               |
| Pain in extremity           |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 2 / 10 (20.00%) |
| occurrences (all)           | 0             | 2               | 2               |
| Rheumatoid arthritis        |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |
| Synovial cyst               |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |
| Infections and infestations |               |                 |                 |
| Rhinitis                    |               |                 |                 |
| subjects affected / exposed | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0             | 0               | 1               |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| Oral candidiasis                        |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                       | 0               | 0               | 2               |
| Nasopharyngitis                         |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 0               | 1               |
| Metapneumovirus infection               |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                       | 0               | 1               | 0               |
| Clostridium difficile colitis           |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                       | 0               | 1               | 0               |
| Bronchitis                              |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                       | 0               | 1               | 0               |
| Rhinovirus infection                    |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 1 / 12 (8.33%)  | 2 / 10 (20.00%) |
| occurrences (all)                       | 0               | 2               | 2               |
| Sinusitis                               |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 0               | 1               |
| Staphylococcal sepsis                   |                 |                 |                 |
| subjects affected / exposed             | 1 / 1 (100.00%) | 0 / 12 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                       | 1               | 0               | 0               |
| Upper respiratory tract infection       |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 4 / 12 (33.33%) | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 4               | 1               |
| Urinary tract infection                 |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 0               | 1               |
| Urinary tract infection bacterial       |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 0               | 2               |
| Viral upper respiratory tract infection |                 |                 |                 |
| subjects affected / exposed             | 0 / 1 (0.00%)   | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                       | 0               | 0               | 1               |

|                                    |               |                 |                 |
|------------------------------------|---------------|-----------------|-----------------|
| Metabolism and nutrition disorders |               |                 |                 |
| Alkalosis                          |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 1               |
| Dehydration                        |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 1               | 1               |
| Gout                               |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 1               |
| Hypercalcaemia                     |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 1               |
| Hypoalbuminaemia                   |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 1               |
| Hypocalcaemia                      |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                  | 0             | 1               | 0               |
| Hypoglycaemia                      |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 0 / 10 (0.00%)  |
| occurrences (all)                  | 0             | 1               | 0               |
| Decreased appetite                 |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 3 / 10 (30.00%) |
| occurrences (all)                  | 0             | 2               | 3               |
| Iron deficiency                    |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 2               |
| Hypokalaemia                       |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 1 / 12 (8.33%)  | 4 / 10 (40.00%) |
| occurrences (all)                  | 0             | 1               | 9               |
| Hypomagnesaemia                    |               |                 |                 |
| subjects affected / exposed        | 0 / 1 (0.00%) | 0 / 12 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                  | 0             | 0               | 1               |
| Hypophosphataemia                  |               |                 |                 |

|                             |               |                 |                 |
|-----------------------------|---------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 1 (0.00%) | 2 / 12 (16.67%) | 4 / 10 (40.00%) |
| occurrences (all)           | 0             | 2               | 7               |

| <b>Non-serious adverse events</b>                     | Total             |  |  |
|---|-------------------|--|--|
| Total subjects affected by non-serious adverse events |                   |  |  |
| subjects affected / exposed                           | 23 / 23 (100.00%) |  |  |
| Vascular disorders                                    |                   |  |  |
| Hypotension   |                   |  |  |
| subjects affected / exposed                           | 3 / 23 (13.04%)   |  |  |
| occurrences (all)                                     | 6                 |  |  |
| Hypertension  |                   |  |  |
| subjects affected / exposed                           | 2 / 23 (8.70%)    |  |  |
| occurrences (all)                                     | 5                 |  |  |
| General disorders and administration site conditions  |                   |  |  |
| Chest discomfort                                      |                   |  |  |
| subjects affected / exposed                           | 1 / 23 (4.35%)    |  |  |
| occurrences (all)                                     | 1                 |  |  |
| Oedema peripheral                                     |                   |  |  |
| subjects affected / exposed                           | 5 / 23 (21.74%)   |  |  |
| occurrences (all)                                     | 6                 |  |  |
| Malaise   |                   |  |  |
| subjects affected / exposed                           | 1 / 23 (4.35%)    |  |  |
| occurrences (all)                                     | 1                 |  |  |
| Pyrexia   |                   |  |  |
| subjects affected / exposed                           | 12 / 23 (52.17%)  |  |  |
| occurrences (all)                                     | 22                |  |  |
| Ulcer   |                   |  |  |
| subjects affected / exposed                           | 1 / 23 (4.35%)    |  |  |
| occurrences (all)                                     | 1                 |  |  |
| Hypothermia   |                   |  |  |
| subjects affected / exposed                           | 1 / 23 (4.35%)    |  |  |
| occurrences (all)                                     | 1                 |  |  |
| Fatigue   |                   |  |  |
| subjects affected / exposed                           | 11 / 23 (47.83%)  |  |  |
| occurrences (all)                                     | 15                |  |  |
| Chills  |                   |  |  |

|   |                  |  |  |
|---|------------------|--|--|
| subjects affected / exposed                     | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                               | 1                |  |  |
| Chest pain                                      |                  |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                               | 1                |  |  |
| Oedema  |                  |  |  |
| subjects affected / exposed                     | 2 / 23 (8.70%)   |  |  |
| occurrences (all)                               | 3                |  |  |
| Peripheral swelling                             |                  |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                               | 1                |  |  |
| Immune system disorders                         |                  |  |  |
| Cytokine release syndrome                       |                  |  |  |
| subjects affected / exposed                     | 17 / 23 (73.91%) |  |  |
| occurrences (all)                               | 50               |  |  |
| Respiratory, thoracic and mediastinal disorders |                  |  |  |
| Cough   |                  |  |  |
| subjects affected / exposed                     | 4 / 23 (17.39%)  |  |  |
| occurrences (all)                               | 8                |  |  |
| Dyspnoea  |                  |  |  |
| subjects affected / exposed                     | 4 / 23 (17.39%)  |  |  |
| occurrences (all)                               | 5                |  |  |
| Epistaxis                                       |                  |  |  |
| subjects affected / exposed                     | 2 / 23 (8.70%)   |  |  |
| occurrences (all)                               | 2                |  |  |
| Hypoxia   |                  |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                               | 2                |  |  |
| Nasal congestion                                |                  |  |  |
| subjects affected / exposed                     | 2 / 23 (8.70%)   |  |  |
| occurrences (all)                               | 2                |  |  |
| Oropharyngeal pain                              |                  |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                               | 1                |  |  |
| Respiratory alkalosis                           |                  |  |  |

|   |                 |  |  |
|---|-----------------|--|--|
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Rhinorrhoea                                     |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Sinus congestion                                |                 |  |  |
| subjects affected / exposed                     | 3 / 23 (13.04%) |  |  |
| occurrences (all)                               | 3               |  |  |
| Wheezing  |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Psychiatric disorders                           |                 |  |  |
| Substance abuse                                 |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Confusional state                               |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Disorientation                                  |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Insomnia  |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Nervousness                                     |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Investigations                                  |                 |  |  |
| Activated partial thromboplastin time prolonged |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Blood creatine increased                        |                 |  |  |
| subjects affected / exposed                     | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                               | 1               |  |  |
| Blood creatinine increased                      |                 |  |  |

|                                      |                |  |  |
|--------------------------------------|----------------|--|--|
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 2              |  |  |
| Blood fibrinogen increased           |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 1              |  |  |
| C-reactive protein increased         |                |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%) |  |  |
| occurrences (all)                    | 4              |  |  |
| Carbon dioxide decreased             |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 1              |  |  |
| Electrocardiogram T wave abnormal    |                |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%) |  |  |
| occurrences (all)                    | 2              |  |  |
| White blood cell count decreased     |                |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%) |  |  |
| occurrences (all)                    | 3              |  |  |
| Fibrin D dimer increased             |                |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%) |  |  |
| occurrences (all)                    | 5              |  |  |
| Immature granulocyte count increased |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 1              |  |  |
| Lipase increased                     |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 1              |  |  |
| Lymphocyte count decreased           |                |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%) |  |  |
| occurrences (all)                    | 3              |  |  |
| Neutrophil count decreased           |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 8              |  |  |
| Nitrite urine present                |                |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%) |  |  |
| occurrences (all)                    | 1              |  |  |

|  |                       |  |  |
|--|-----------------------|--|--|
| Platelet count decreased<br>subjects affected / exposed<br>occurrences (all) | 3 / 23 (13.04%)<br>10 |  |  |
| Protein total increased<br>subjects affected / exposed<br>occurrences (all)  | 1 / 23 (4.35%)<br>2   |  |  |
| Weight decreased<br>subjects affected / exposed<br>occurrences (all)         | 4 / 23 (17.39%)<br>4  |  |  |
| Weight increased<br>subjects affected / exposed<br>occurrences (all)         | 1 / 23 (4.35%)<br>1   |  |  |
| Injury, poisoning and procedural complications                               |                       |  |  |
| Fall<br>subjects affected / exposed<br>occurrences (all)                     | 1 / 23 (4.35%)<br>3   |  |  |
| Fibula fracture<br>subjects affected / exposed<br>occurrences (all)          | 1 / 23 (4.35%)<br>1   |  |  |
| Skin laceration<br>subjects affected / exposed<br>occurrences (all)          | 1 / 23 (4.35%)<br>1   |  |  |
| Sternal fracture<br>subjects affected / exposed<br>occurrences (all)         | 1 / 23 (4.35%)<br>1   |  |  |
| Cardiac disorders  |                       |  |  |
| Atrial fibrillation<br>subjects affected / exposed<br>occurrences (all)      | 1 / 23 (4.35%)<br>1   |  |  |
| Tachycardia<br>subjects affected / exposed<br>occurrences (all)              | 1 / 23 (4.35%)<br>1   |  |  |
| Sinus tachycardia<br>subjects affected / exposed<br>occurrences (all)        | 2 / 23 (8.70%)<br>2   |  |  |
| Nervous system disorders   |                       |  |  |

|                                      |                  |  |  |
|--------------------------------------|------------------|--|--|
| Aphasia                              |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 3                |  |  |
| Carpal tunnel syndrome               |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 1                |  |  |
| Dizziness                            |                  |  |  |
| subjects affected / exposed          | 5 / 23 (21.74%)  |  |  |
| occurrences (all)                    | 5                |  |  |
| Headache                             |                  |  |  |
| subjects affected / exposed          | 12 / 23 (52.17%) |  |  |
| occurrences (all)                    | 25               |  |  |
| Neuralgia                            |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 1                |  |  |
| Peripheral sensory neuropathy        |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 6                |  |  |
| Presyncope                           |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 1                |  |  |
| Seizure                              |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 1                |  |  |
| Sinus headache                       |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 1                |  |  |
| Tremor                               |                  |  |  |
| subjects affected / exposed          | 2 / 23 (8.70%)   |  |  |
| occurrences (all)                    | 2                |  |  |
| Dysgeusia                            |                  |  |  |
| subjects affected / exposed          | 1 / 23 (4.35%)   |  |  |
| occurrences (all)                    | 2                |  |  |
| Blood and lymphatic system disorders |                  |  |  |
| Anaemia                              |                  |  |  |

|                             |                 |  |  |
|-----------------------------|-----------------|--|--|
| subjects affected / exposed | 8 / 23 (34.78%) |  |  |
| occurrences (all)           | 15              |  |  |
| Leukocyte vacuolisation     |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 3               |  |  |
| Leukocytosis                |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Thrombocytopenia            |                 |  |  |
| subjects affected / exposed | 3 / 23 (13.04%) |  |  |
| occurrences (all)           | 3               |  |  |
| Leukopenia                  |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 4               |  |  |
| Lymphopenia                 |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Neutropenia                 |                 |  |  |
| subjects affected / exposed | 5 / 23 (21.74%) |  |  |
| occurrences (all)           | 12              |  |  |
| Neutrophilia                |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Hyperfibrinogenaemia        |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Eye disorders               |                 |  |  |
| Vision blurred              |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Diplopia                    |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Cataract                    |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |

|  |                       |  |  |
|--|-----------------------|--|--|
| Conjunctival haemorrhage<br>subjects affected / exposed<br>occurrences (all)         | 1 / 23 (4.35%)<br>1   |  |  |
| Gastrointestinal disorders   |                       |  |  |
| Mouth haemorrhage<br>subjects affected / exposed<br>occurrences (all)                | 1 / 23 (4.35%)<br>1   |  |  |
| Nausea<br>subjects affected / exposed<br>occurrences (all)                           | 8 / 23 (34.78%)<br>12 |  |  |
| Oral pain<br>subjects affected / exposed<br>occurrences (all)                        | 1 / 23 (4.35%)<br>1   |  |  |
| Stomatitis<br>subjects affected / exposed<br>occurrences (all)                       | 1 / 23 (4.35%)<br>2   |  |  |
| Vomiting<br>subjects affected / exposed<br>occurrences (all)                         | 2 / 23 (8.70%)<br>2   |  |  |
| Lip dry<br>subjects affected / exposed<br>occurrences (all)                          | 1 / 23 (4.35%)<br>1   |  |  |
| Gastrooesophageal reflux disease<br>subjects affected / exposed<br>occurrences (all) | 1 / 23 (4.35%)<br>1   |  |  |
| Dyspepsia<br>subjects affected / exposed<br>occurrences (all)                        | 2 / 23 (8.70%)<br>2   |  |  |
| Diarrhoea<br>subjects affected / exposed<br>occurrences (all)                        | 4 / 23 (17.39%)<br>7  |  |  |
| Constipation<br>subjects affected / exposed<br>occurrences (all)                     | 8 / 23 (34.78%)<br>9  |  |  |
| Abdominal pain   |                       |  |  |

|   |   |  |  |
|---|---|--|--|
| subjects affected / exposed<br>occurrences (all)  | 2 / 23 (8.70%)<br>2   |  |  |
| Hepatobiliary disorders<br>Hypertransaminasaemia<br>subjects affected / exposed<br>occurrences (all)  | 1 / 23 (4.35%)<br>2   |  |  |
| Skin and subcutaneous tissue disorders<br>Pruritus<br>subjects affected / exposed<br>occurrences (all)<br><br>Rash<br>subjects affected / exposed<br>occurrences (all)<br><br>Rash maculo-papular<br>subjects affected / exposed<br>occurrences (all)<br><br>Skin exfoliation<br>subjects affected / exposed<br>occurrences (all)<br><br>Dry skin<br>subjects affected / exposed<br>occurrences (all) | 3 / 23 (13.04%)<br>4<br><br>1 / 23 (4.35%)<br>2<br><br>1 / 23 (4.35%)<br>1<br><br>3 / 23 (13.04%)<br>4<br><br>1 / 23 (4.35%)<br>1 |  |  |
| Renal and urinary disorders<br>Pollakiuria<br>subjects affected / exposed<br>occurrences (all)  | 1 / 23 (4.35%)<br>1   |  |  |
| Musculoskeletal and connective tissue disorders<br>Arthralgia<br>subjects affected / exposed<br>occurrences (all)<br><br>Arthritis<br>subjects affected / exposed<br>occurrences (all)<br><br>Back pain<br>subjects affected / exposed<br>occurrences (all)   | 5 / 23 (21.74%)<br>8<br><br>1 / 23 (4.35%)<br>1<br><br>5 / 23 (21.74%)<br>6   |  |  |

|                             |                 |  |  |
|-----------------------------|-----------------|--|--|
| Bone pain                   |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Muscle spasms               |                 |  |  |
| subjects affected / exposed | 4 / 23 (17.39%) |  |  |
| occurrences (all)           | 4               |  |  |
| Muscular weakness           |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Musculoskeletal chest pain  |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Myalgia                     |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Neck pain                   |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 3               |  |  |
| Pain in extremity           |                 |  |  |
| subjects affected / exposed | 4 / 23 (17.39%) |  |  |
| occurrences (all)           | 4               |  |  |
| Rheumatoid arthritis        |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Synovial cyst               |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Infections and infestations |                 |  |  |
| Rhinitis                    |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Oral candidiasis            |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Nasopharyngitis             |                 |  |  |

|   |                 |  |  |
|---|-----------------|--|--|
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Metapneumovirus infection               |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Clostridium difficile colitis           |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Bronchitis                              |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Rhinovirus infection                    |                 |  |  |
| subjects affected / exposed             | 3 / 23 (13.04%) |  |  |
| occurrences (all)                       | 4               |  |  |
| Sinusitis                               |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Staphylococcal sepsis                   |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Upper respiratory tract infection       |                 |  |  |
| subjects affected / exposed             | 5 / 23 (21.74%) |  |  |
| occurrences (all)                       | 5               |  |  |
| Urinary tract infection                 |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Urinary tract infection bacterial       |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 2               |  |  |
| Viral upper respiratory tract infection |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |
| Metabolism and nutrition disorders      |                 |  |  |
| Alkalosis                               |                 |  |  |
| subjects affected / exposed             | 1 / 23 (4.35%)  |  |  |
| occurrences (all)                       | 1               |  |  |

|                             |                 |  |  |
|-----------------------------|-----------------|--|--|
| Dehydration                 |                 |  |  |
| subjects affected / exposed | 2 / 23 (8.70%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Gout                        |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Hypercalcaemia              |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Hypoalbuminaemia            |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Hypocalcaemia               |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Hypoglycaemia               |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Decreased appetite          |                 |  |  |
| subjects affected / exposed | 5 / 23 (21.74%) |  |  |
| occurrences (all)           | 5               |  |  |
| Iron deficiency             |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 2               |  |  |
| Hypokalaemia                |                 |  |  |
| subjects affected / exposed | 5 / 23 (21.74%) |  |  |
| occurrences (all)           | 10              |  |  |
| Hypomagnesaemia             |                 |  |  |
| subjects affected / exposed | 1 / 23 (4.35%)  |  |  |
| occurrences (all)           | 1               |  |  |
| Hypophosphataemia           |                 |  |  |
| subjects affected / exposed | 6 / 23 (26.09%) |  |  |
| occurrences (all)           | 9               |  |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date              | Amendment  |
|-------------------|--|
| 11 October 2018   | The protocol was amended for the following reasons: • DLT criteria was revised to specify the grade and time to resolution for the DLT exceptions of headache, insomnia, and fever. • Removed exclusion for Grade 3 neurological events that improve to Grade 0 or Grade 1 within 14 days from DLT evaluation • Clarification added to indicate mandatory dose interruption for Grade 4 adverse events (AMG 420 related or non-related) and restart after improvement of the toxicity to a specified lower grade. • Incorporated Phase 2 stopping rules that apply to Grade 4 or higher drug-related adverse events, excluding lymphopenia (or reduced lymphocyte counts). • Stopping rules for Phase 2 adjusted to be applied by the DRT after every 20 subjects have had the chance to receive at least 1 cycle of treatment at the determined dose level. • Clarifications/minor corrections for consistency throughout protocol • Clarifications/minor corrections to Schedule of Assessments. • The table of contents and all references are updated accordingly. |
| 12 December 2018  | The protocol was amended for the following reasons: • Language added regarding management of patients who develop fevers during treatment with AMG 420.  |
| 22 May 2019       | The protocol was amended for the following reasons: • Include new phase 1b part 2 combination cohort (AMG 420 + pomalidomide/dexamethasone, maximum 20 additional subjects to be enrolled in this cohort). • Addition of adverse event management guidance for phase 2 study, including dose reduction and discontinuation parameters for discrete event occurring on treatment. • Changes made to clarify guidance on infusion reactions and tumor lysis syndrome. • Adjustment made to platelet count eligibility criteria. • Addition of patient interviews for phase 1b study and patient reported outcome measurement tools to phase 2 study. • Updated timing of imaging assessments for extramedullary disease, providing option for multiple assessments while responders remain on treatment. • Change primary analysis time point.   |
| 20 May 2020       | The protocol was amended for the following reasons: • Removal of Phase 1b Part 2 (combination cohort) and Phase 2 text globally.   |
| 17 September 2021 | The protocol was amended for the following reasons: • To put clarifications around delays of treatment cycles in place. To add clarity around treatment free intervals. • To add table for management of COVID infection.  |

Notes:

### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

None reported