



## Clinical trial results:

### An open-label multi-part first-in-human study of oral LMI070 in infants with Type 1 spinal muscular atrophy.

#### Summary

|                          |                            |
|--------------------------|----------------------------|
| EudraCT number           | 2014-002053-19             |
| Trial protocol           | DK IT DE BE NL CZ PL HU BG |
| Global end of trial date | 29 December 2022           |

#### Results information

|                                |              |
|--------------------------------|--------------|
| Result version number          | v1 (current) |
| This version publication date  | 14 July 2023 |
| First version publication date | 14 July 2023 |

#### Trial information

##### Trial identification

|                       |              |
|-----------------------|--------------|
| Sponsor protocol code | CLMI070X2201 |
|-----------------------|--------------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT02268552 |
| WHO universal trial number (UTN)   | -           |

Notes:

##### Sponsors

|                              |   |
|------------------------------|---|
| Sponsor organisation name    | Novartis Pharma AG  |
| Sponsor organisation address | Novartis Campus, Basel, Switzerland,  |
| Public contact               | Clinical Disclosure Office, Novartis Pharma AG, 41 613241111, Novartis.email@Novartis.com |
| Scientific contact           | Clinical Disclosure Office, Novartis Pharma AG, 41 613241111, Novartis.email@Novartis.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? | Yes |

Notes:

## Results analysis stage

|  |                  |
|--|------------------|
| Analysis stage                                       | Final            |
| Date of interim/final analysis                       | 29 December 2022 |
| Is this the analysis of the primary completion data? | No               |
| Global end of trial reached?                         | Yes              |
| Global end of trial date                             | 29 December 2022 |
| Was the trial ended prematurely?                     | No               |

Notes:

## General information about the trial

Main objective of the trial:

Part 1: Determine the safety and tolerability of ascending weekly doses and estimate the maximum tolerated dose (MTD) of branaplam in infants with Type 1 SMA.

Part 2: Evaluate the safety and tolerability of 2 doses of branaplam administered weekly for 52 weeks in subjects with Type 1 SMA.

Part 3: Assess long term safety and tolerability of extended, once a week branaplam treatment in subjects with Type 1 SMA who have had at least 52 weeks of treatment in either Part 1 or 2 of this protocol.

Protection of trial subjects:

The study was in compliance with the ethical principles derived from the Declaration of Helsinki and the International Conference on Harmonization (ICH) Good Clinical Practice (GCP) guidelines. All the local regulatory requirements pertinent to safety of trial subjects were also followed during the conduct of the trial.

Background therapy: -

Evidence for comparator: -

|   |               |
|---|---------------|
| Actual start date of recruitment                          | 02 April 2015 |
| Long term follow-up planned                               | No            |
| Independent data monitoring committee (IDMC) involvement? | Yes           |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |                        |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Belgium: 5             |
| Country: Number of subjects enrolled | Bulgaria: 1            |
| Country: Number of subjects enrolled | Denmark: 3             |
| Country: Number of subjects enrolled | Germany: 1             |
| Country: Number of subjects enrolled | Italy: 2               |
| Country: Number of subjects enrolled | Poland: 9              |
| Country: Number of subjects enrolled | Russian Federation: 17 |
| Worldwide total number of subjects   | 38                     |
| EEA total number of subjects         | 21                     |

Notes:

### Subjects enrolled per age group

|  |   |
|--|---|
| In utero                               | 0 |
| Preterm newborn - gestational age < 37 | 0 |

|  |    |
|--|----|
| wk                                       |    |
| Newborns (0-27 days)                     | 0  |
| Infants and toddlers (28 days-23 months) | 38 |
| Children (2-11 years)                    | 0  |
| Adolescents (12-17 years)                | 0  |
| Adults (18-64 years)                     | 0  |
| From 65 to 84 years                      | 0  |
| 85 years and over                        | 0  |

## Subject disposition

### Recruitment

Recruitment details: -

### Pre-assignment

Screening details:

There was a screening period of 1 week to assess eligibility and a baseline period of 1 week to review baseline safety evaluation results prior to dosing.

### Period 1

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

### Arms

|                              |                       |
|------------------------------|-----------------------|
| Are arms mutually exclusive? | No                    |
| <b>Arm title</b>             | Part 1 LMI070 Overall |

Arm description:

Enteral route via feeding tube or oral. There were 5 cohorts: 0.3125, 0.625, 1.25, 2.5, 3.125 mg/kg weekly doses for 2 weeks

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Experimental                          |
| Investigational medicinal product name | branaplam                             |
| Investigational medicinal product code | LMI070                                |
| Other name                             |                                       |
| Pharmaceutical forms                   | Gastroenteral solution, Oral solution |
| Routes of administration               | Enteral use , Oral use                |

Dosage and administration details:

Branaplam in a dose strength of 3.5 mg/mL administered by the enteral route or orally depending ability to swallow

|                  |                           |
|------------------|---------------------------|
| <b>Arm title</b> | Part 2 LMI070 0.625 mg/kg |
|------------------|---------------------------|

Arm description:

LMI070 0.625 mg/kg by enteral route via feeding tube or oral

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Experimental                          |
| Investigational medicinal product name | branaplam                             |
| Investigational medicinal product code | LMI070                                |
| Other name                             |                                       |
| Pharmaceutical forms                   | Gastroenteral solution, Oral solution |
| Routes of administration               | Enteral use , Oral use                |

Dosage and administration details:

Branaplam in a dose strength of 3.5 mg/mL administered by the enteral route or orally depending ability to swallow

|                  |                         |
|------------------|-------------------------|
| <b>Arm title</b> | Part 2 LMI070 2.5 mg/kg |
|------------------|-------------------------|

Arm description:

LMI070 2.5 mg/kg by enteral route via feeding tube or oral

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Experimental                          |
| Investigational medicinal product name | branaplam                             |
| Investigational medicinal product code | LMI070                                |
| Other name                             |                                       |
| Pharmaceutical forms                   | Gastroenteral solution, Oral solution |
| Routes of administration               | Enteral use , Oral use                |

Dosage and administration details:

Branaplam in a dose strength of 3.5 mg/mL administered by the enteral route or orally depending ability to swallow

|                  |                     |
|------------------|---------------------|
| <b>Arm title</b> | Parts 1 & 3 Overall |
|------------------|---------------------|

Arm description:

Participants who completed 52 weeks of treatment in Part 1 could have continued on same dose or moved to optimal dose (2.5 mg/kg) in Part 3

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Experimental                          |
| Investigational medicinal product name | branaplam                             |
| Investigational medicinal product code | LMI070                                |
| Other name                             |                                       |
| Pharmaceutical forms                   | Gastroenteral solution, Oral solution |
| Routes of administration               | Enteral use , Oral use                |

Dosage and administration details:

Branaplam in a dose strength of 3.5 mg/mL administered by the enteral route or orally depending ability to swallow

|                  |                     |
|------------------|---------------------|
| <b>Arm title</b> | Parts 2 & 3 Overall |
|------------------|---------------------|

Arm description:

Participants who completed 52 weeks of treatment in Part 2 could have continued on same dose or could have moved to optimal dose (2.5 mg/kg) in Part 3

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Experimental                          |
| Investigational medicinal product name | branaplam                             |
| Investigational medicinal product code | LMI070                                |
| Other name                             |                                       |
| Pharmaceutical forms                   | Gastroenteral solution, Oral solution |
| Routes of administration               | Enteral use , Oral use                |

Dosage and administration details:

Branaplam in a dose strength of 3.5 mg/mL administered by the enteral route or orally depending ability to swallow

| <b>Number of subjects in period 1</b> | Part 1 LMI070 Overall | Part 2 LMI070 0.625 mg/kg | Part 2 LMI070 2.5 mg/kg |
|---------------------------------------|-----------------------|---------------------------|-------------------------|
| Started                               | 13                    | 10                        | 15                      |
| Completed                             | 7                     | 10                        | 12                      |
| Not completed                         | 6                     | 0                         | 3                       |
| Adverse event, serious fatal          | 5                     | -                         | 2                       |
| Early termination of trial            | -                     | -                         | -                       |
| Did not complete, reason not stated   | -                     | -                         | -                       |
| Subject/guardian decision             | 1                     | -                         | 1                       |

| <b>Number of subjects in period 1</b> | Parts 1 & 3 Overall | Parts 2 & 3 Overall |
|---------------------------------------|---------------------|---------------------|
| Started                               | 13                  | 25                  |
| Completed                             | 0                   | 0                   |
| Not completed                         | 13                  | 25                  |
| Adverse event, serious fatal          | 5                   | 7                   |

|                                     |   |    |
|-------------------------------------|---|----|
| Early termination of trial          | 7 | 15 |
| Did not complete, reason not stated | - | 1  |
| Subject/guardian decision           | 1 | 2  |

## Baseline characteristics

### Reporting groups

|                                |         |
|--------------------------------|---------|
| Reporting group title          | Overall |
| Reporting group description: - |         |

| Reporting group values                   | Overall | Total |  |
|--|---------|-------|--|
| Number of subjects                       | 38      | 38    |  |
| Age categorical                          |         |       |  |
| Units: Subjects                          |         |       |  |
| Infants and toddlers (28 days-23 months) | 38      | 38    |  |
| Age Continuous                           |         |       |  |
| Units: months                            |         |       |  |
| arithmetic mean                          | 4.04    |       |  |
| standard deviation                       | ± 1.331 | -     |  |
| Sex: Female, Male                        |         |       |  |
| Units: participants                      |         |       |  |
| Female                                   | 22      | 22    |  |
| Male                                     | 16      | 16    |  |
| Race/Ethnicity, Customized               |         |       |  |
| Units: Subjects                          |         |       |  |
| Asian                                    | 1       | 1     |  |
| Caucasian                                | 35      | 35    |  |
| Other                                    | 2       | 2     |  |

### Subject analysis sets

|                            |                          |
|----------------------------|--------------------------|
| Subject analysis set title | Part 1 LMI070 Overall BL |
| Subject analysis set type  | Full analysis            |

Subject analysis set description:

Enteral route via feeding tube or oral. There were 5 cohorts: 0.3125, 0.625, 1.25, 2.5, 3.125 mg/kg weekly doses for 2 weeks for Baseline

|                            |                        |
|----------------------------|------------------------|
| Subject analysis set title | Part 2 LMI070 0.625 BL |
| Subject analysis set type  | Full analysis          |

Subject analysis set description:

LMI070 0.625 mg/kg by enteral route via feeding tube or oral for Baseline

|                            |                            |
|----------------------------|----------------------------|
| Subject analysis set title | Part 2 LMI070 2.5 mg/kg BL |
| Subject analysis set type  | Full analysis              |

Subject analysis set description:

LMI070 2.5 mg/kg by enteral route via feeding tube or oral for Baseline

| Reporting group values                   | Part 1 LMI070 Overall BL | Part 2 LMI070 0.625 BL | Part 2 LMI070 2.5 mg/kg BL |
|--|--------------------------|------------------------|----------------------------|
| Number of subjects                       | 13                       | 10                     | 15                         |
| Age categorical                          |                          |                        |                            |
| Units: Subjects                          |                          |                        |                            |
| Infants and toddlers (28 days-23 months) | 13                       | 10                     | 15                         |

|  |    |    |    |
|--|----|----|----|
| Age Continuous<br>Units: months<br>arithmetic mean<br>standard deviation |    |    |    |
|  | ±  | ±  | ±  |
| Sex: Female, Male<br>Units: participants                                 |    |    |    |
| Female   | 8  | 5  | 9  |
| Male   | 5  | 5  | 6  |
| Race/Ethnicity, Customized<br>Units: Subjects                            |    |    |    |
| Asian  | 0  | 0  | 1  |
| Caucasian  | 11 | 10 | 14 |
| Other  | 2  | 0  | 0  |

## End points

### End points reporting groups

|  |                            |
|--|----------------------------|
| Reporting group title  | Part 1 LMI070 Overall      |
| Reporting group description:<br>Enteral route via feeding tube or oral. There were 5 cohorts: 0.3125, 0.625, 1.25, 2.5, 3.125 mg/kg weekly doses for 2 weeks                           |                            |
| Reporting group title  | Part 2 LMI070 0.625 mg/kg  |
| Reporting group description:<br>LMI070 0.625 mg/kg by enteral route via feeding tube or oral   |                            |
| Reporting group title  | Part 2 LMI070 2.5 mg/kg    |
| Reporting group description:<br>LMI070 2.5 mg/kg by enteral route via feeding tube or oral   |                            |
| Reporting group title  | Parts 1 & 3 Overall        |
| Reporting group description:<br>Participants who completed 52 weeks of treatment in Part 1 could have continued on same dose or moved to optimal dose (2.5 mg/kg) in Part 3            |                            |
| Reporting group title  | Parts 2 & 3 Overall        |
| Reporting group description:<br>Participants who completed 52 weeks of treatment in Part 2 could have continued on same dose or could have moved to optimal dose (2.5 mg/kg) in Part 3 |                            |
| Subject analysis set title   | Part 1 LMI070 Overall BL   |
| Subject analysis set type  | Full analysis              |
| Subject analysis set description:<br>Enteral route via feeding tube or oral. There were 5 cohorts: 0.3125, 0.625, 1.25, 2.5, 3.125 mg/kg weekly doses for 2 weeks for Baseline         |                            |
| Subject analysis set title   | Part 2 LMI070 0.625 BL     |
| Subject analysis set type  | Full analysis              |
| Subject analysis set description:<br>LMI070 0.625 mg/kg by enteral route via feeding tube or oral for Baseline   |                            |
| Subject analysis set title   | Part 2 LMI070 2.5 mg/kg BL |
| Subject analysis set type  | Full analysis              |
| Subject analysis set description:<br>LMI070 2.5 mg/kg by enteral route via feeding tube or oral for Baseline   |                            |

### Primary: Number of participants with dose limiting toxicities (DLT) in Part 1 - Safety analysis set (SAS)

|   |  |
|---|--|
| End point title   | Number of participants with dose limiting toxicities (DLT) in Part 1 - Safety analysis set (SAS) <sup>[1][2]</sup> |
| End point description:<br>A DLT is defined as an adverse event or abnormal laboratory value assessed as unrelated to disease, disease progression, inter-current illness, or concomitant therapies that occurs within the first 14 days of treatment with LMI070 and meets any of the criteria for blood and lymphatic system disorders, gastrointestinal disorders, investigations and other toxicities considered clinically significant. |  |
| End point type  | Primary  |
| End point timeframe:<br>Baseline up to 2 weeks for Part 1   |  |

#### 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 analysis was done

[2] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

|                             |                       |  |  |  |
|-----------------------------|-----------------------|--|--|--|
| <b>End point values</b>     | Part 1 LMI070 Overall |  |  |  |
| Subject group type          | Reporting group       |  |  |  |
| Number of subjects analysed | 13                    |  |  |  |
| Units: Participants         | 0                     |  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Primary: Number of participants with treatment emergent adverse events (TEAEs) and serious adverse events -SAS

|                 |   |
|-----------------|---|
| End point title | Number of participants with treatment emergent adverse events (TEAEs) and serious adverse events -SAS <sup>[3][4]</sup> |
|-----------------|---|

End point description:

TEAEs are defined as adverse events starting on or after the first dose of study treatment that were absent pre-treatment, or events present prior to the first dose but increased in severity after the first dose. Adverse events were reported from first dose of study treatment until end of study treatment plus 30 days post last treatment.

|                |         |
|----------------|---------|
| End point type | Primary |
|----------------|---------|

End point timeframe:

Baseline up to approximately 83 months

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 analysis was done

[4] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                                   | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--|---------------------|---------------------|--|--|
| Subject group type                                 | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed                        | 13                  | 25                  |  |  |
| Units: participants                                |                     |                     |  |  |
| Participants with adverse events (AEs)             | 13                  | 25                  |  |  |
| Participants with AEs causing study drug discount  | 1                   | 2                   |  |  |
| Participants with serious adverse events (SAEs)    | 13                  | 19                  |  |  |
| Participants with SAEs causing study drug discount | 1                   | 2                   |  |  |
| Deaths   | 9                   | 3                   |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) after a single dose - Part 1 - Pharmacokinetics analysis set (PAS)

|                 |   |
|-----------------|---|
| End point title | Summary of plasma pharmacokinetic (PK) parameter area |
|-----------------|---|

End point description:

The area under the plasma (or serum or blood) concentration-time curve from time zero to infinity [mass x time / volume]

End point type Secondary

End point timeframe:

Post single dose

Notes:

[5] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Part 1 LMI070 Overall |  |  |  |
|--------------------------------------|-----------------------|--|--|--|
| Subject group type                   | Reporting group       |  |  |  |
| Number of subjects analysed          | 12                    |  |  |  |
| Units: h*ng/mL                       |                       |  |  |  |
| arithmetic mean (standard deviation) |                       |  |  |  |
| 0.321 mg/kg - Actual                 | 378 (± 31.9)          |  |  |  |
| 0.654 mg/kg - Actual                 | 892 (± 12.3)          |  |  |  |
| 1.39 mg/kg - Actual                  | 1820 (± 999)          |  |  |  |
| 2.49 mg/kg - Actual                  | 3310 (± 1340)         |  |  |  |
| 2.94 mg/kg - Actual                  | 3800 (± 1590)         |  |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) for all observation periods - Part 1 - PAS

End point title Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) for all observation periods - Part 1 - PAS<sup>[6]</sup>

End point description:

AUC is the area under the curve for branaplan in plasma after a single dose. AUC values used for comparison are combined from AUCinf values after single dose and AUC 0–168-hour values after repeated administration.

End point type Secondary

End point timeframe:

Post single dose, hours 1,2,4,8,24,48,96,168

Notes:

[6] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Part 1 LMI070 Overall |  |  |  |
|--------------------------------------|-----------------------|--|--|--|
| Subject group type                   | Reporting group       |  |  |  |
| Number of subjects analysed          | 12                    |  |  |  |
| Units: h*ng/mL                       |                       |  |  |  |
| arithmetic mean (standard deviation) |                       |  |  |  |
| 0.299 mg/kg - Actual                 | 413 (± 98.3)          |  |  |  |

|                      |               |  |  |  |
|----------------------|---------------|--|--|--|
| 0.644 mg/kg - Actual | 761 (± 170)   |  |  |  |
| 1.30 mg/kg - Actual  | 1340 (± 381)  |  |  |  |
| 2.52 mg/kg - Actual  | 3310 (± 850)  |  |  |  |
| 2.99 mg/kg - Actual  | 4280 (± 1030) |  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Summary of plasma pharmacokinetic (PK) parameter Cmax after a single dose - Part 1 - PAS

|                 |   |
|-----------------|---|
| End point title | Summary of plasma pharmacokinetic (PK) parameter Cmax after a single dose - Part 1 - PAS <sup>[7]</sup> |
|-----------------|---|

End point description:

The observed maximum plasma (or serum or blood) concentration following drug administration [mass / volume]

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

End point timeframe:

Post single dose

Notes:

[7] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: No analysis was done

|                                      |                       |  |  |  |
|--------------------------------------|-----------------------|--|--|--|
| <b>End point values</b>              | Part 1 LMI070 Overall |  |  |  |
| Subject group type                   | Reporting group       |  |  |  |
| Number of subjects analysed          | 11                    |  |  |  |
| Units: ng/mL                         |                       |  |  |  |
| arithmetic mean (standard deviation) |                       |  |  |  |
| 0.321 mg/kg - Actual                 | 9.10 (± 1.22)         |  |  |  |
| 0.654 mg/kg - Actual                 | 18.6 (± 1.63)         |  |  |  |
| 1.39 mg/kg - Actual                  | 55.6 (± 999)          |  |  |  |
| 2.49 mg/kg - Actual                  | 53.2 (± 9.50)         |  |  |  |
| 2.94 mg/kg - Actual                  | 72.4 (± 16.7)         |  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Summary of plasma pharmacokinetic (PK) parameter Cmax for all observation periods - Part 1 - PAS

|                 |   |
|-----------------|---|
| End point title | Summary of plasma pharmacokinetic (PK) parameter Cmax for all observation periods - Part 1 - PAS <sup>[8]</sup> |
|-----------------|---|

End point description:

The observed maximum plasma (or serum or blood) concentration following drug administration [mass / volume]

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

End point timeframe:

Post single dose, hours 1,2,4,8,24,48,96,168

Notes:

[8] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Part 1 LMI070 Overall |  |  |  |
|--------------------------------------|-----------------------|--|--|--|
| Subject group type                   | Reporting group       |  |  |  |
| Number of subjects analysed          | 12                    |  |  |  |
| Units: ng/mL                         |                       |  |  |  |
| arithmetic mean (standard deviation) |                       |  |  |  |
| 0.299 mg/kg - Actual                 | 8.84 (± 3.58)         |  |  |  |
| 0.644 mg/kg - Actual                 | 15.3 (± 4.10)         |  |  |  |
| 1.30 mg/kg - Actual                  | 37.8 (± 12.8)         |  |  |  |
| 2.51 mg/kg - Actual                  | 69.1 (± 15.7)         |  |  |  |
| 2.99 mg/kg - Actual                  | 96.5 (± 32.7)         |  |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) after a single dose - Part 2 - PAS

|                 |   |
|-----------------|---|
| End point title | Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) after a single dose - Part 2 - PAS <sup>[9]</sup> |
|-----------------|---|

End point description:

The area under the plasma (or serum or blood) concentration-time curve from time zero to infinity [mass x time / volume]

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

End point timeframe:

Post single dose

Notes:

[9] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Part 2 LMI070 0.625 mg/kg | Part 2 LMI070 2.5 mg/kg |  |  |
|--------------------------------------|---------------------------|-------------------------|--|--|
| Subject group type                   | Reporting group           | Reporting group         |  |  |
| Number of subjects analysed          | 10                        | 10                      |  |  |
| Units: h*ng/mL                       |                           |                         |  |  |
| arithmetic mean (standard deviation) | 1150 (± 357)              | 4060 (± 734)            |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) for all observation periods - Part 2 - PAS

|                 |  |
|-----------------|--|
| End point title | Summary of plasma pharmacokinetic (PK) parameter area under the curve (AUC) for all observation periods - Part 2 - PAS <sup>[10]</sup> |
|-----------------|--|

End point description:

The area under the plasma (or serum or blood) concentration-time curve from time zero to infinity [mass x time / volume]. AUC values used for comparison are combined from AUCinf values after single dose and AUC 0–168-hour values after repeated administration.

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

End point timeframe:

Post single dose, hours 1,2,4,8,24,48,96,168

Notes:

[10] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Part 2 LMI070<br>0.625 mg/kg | Part 2 LMI070<br>2.5 mg/kg |  |  |
|--------------------------------------|------------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group              | Reporting group            |  |  |
| Number of subjects analysed          | 10 <sup>[11]</sup>           | 15 <sup>[12]</sup>         |  |  |
| Units: h*ng/mL                       |                              |                            |  |  |
| arithmetic mean (standard deviation) | 1020 (± 278)                 | 3470 (± 909)               |  |  |

Notes:

[11] - The number of subjects analyzed was 10 and number of observations was 28

[12] - The number of subjects analyzed was 15 and number of observations was 29

## Statistical analyses

No statistical analyses for this end point

## Secondary: Summary of plasma pharmacokinetic (PK) parameter Cmax for a single dose - Part 2 - PAS

|                 |  |
|-----------------|--|
| End point title | Summary of plasma pharmacokinetic (PK) parameter Cmax for a single dose - Part 2 - PAS <sup>[13]</sup> |
|-----------------|--|

End point description:

The observed maximum plasma (or serum or blood) concentration following drug administration [mass / volume]

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

End point timeframe:

Post single dose

Notes:

[13] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Part 2 LMI070<br>0.625 mg/kg | Part 2 LMI070<br>2.5 mg/kg |  |  |
|--------------------------------------|------------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group              | Reporting group            |  |  |
| Number of subjects analysed          | 10                           | 15                         |  |  |
| Units: ng/mL                         |                              |                            |  |  |
| arithmetic mean (standard deviation) | 22.0 (± 5.70)                | 82.0 (± 22.5)              |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Summary of plasma pharmacokinetic (PK) parameter Cmax for all observation periods - Part 2 - PAS

|                 |  |
|-----------------|--|
| End point title | Summary of plasma pharmacokinetic (PK) parameter Cmax for all observation periods - Part 2 - PAS <sup>[14]</sup> |
|-----------------|--|

End point description:

The observed maximum plasma (or serum or blood) concentration following drug administration [mass / volume]

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

End point timeframe:

Post single dose, hours 1,2,4,8,24,48,96,168

Notes:

[14] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Part 2 LMI070<br>0.625 mg/kg | Part 2 LMI070<br>2.5 mg/kg |  |  |
|--------------------------------------|------------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group              | Reporting group            |  |  |
| Number of subjects analysed          | 10 <sup>[15]</sup>           | 15 <sup>[16]</sup>         |  |  |
| Units: ng/mL                         |                              |                            |  |  |
| arithmetic mean (standard deviation) | 21.7 (± 5.71)                | 77.4 (± 27.5)              |  |  |

Notes:

[15] - The number of subjects analyzed was 10 and number of observations was 29

[16] - The number of subjects analyzed was 15 and number of observations was 38

## Statistical analyses

No statistical analyses for this end point

### Secondary: Change from baseline in growth parameters: chest circumference, body length and chest circumference - FAS

|                 |   |
|-----------------|---|
| End point title | Change from baseline in growth parameters: chest circumference, body length and chest circumference - FAS <sup>[17]</sup> |
|-----------------|---|

End point description:

To evaluate the effect of branaplam on length, head circumference and chest circumference

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[17] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Parts 1 & 3<br>Overall | Parts 2 & 3<br>Overall |  |  |
|--------------------------------------|------------------------|------------------------|--|--|
| Subject group type                   | Reporting group        | Reporting group        |  |  |
| Number of subjects analysed          | 13                     | 25                     |  |  |
| Units: cm                            |                        |                        |  |  |
| arithmetic mean (standard deviation) |                        |                        |  |  |
| Chest - Week 52                      | 4.68 (±<br>2.4769)     | 5.656 (±<br>3.0167)    |  |  |
| Chest - P3 Month 6                   | 14.750 (±<br>5.0548)   | 8.582 (±<br>2.7423)    |  |  |
| Head -Week 52                        | 5.030 (±<br>1.1235)    | 5.111 (±<br>1.3407)    |  |  |
| Head - P3 Month 6                    | 9.717 (±<br>1.8766)    | 6.359 (±<br>1.2971)    |  |  |
| Length - Week 52                     | 16.950 (±<br>3.7825)   | 16.942 (±<br>4.5806)   |  |  |
| Length - P3 Month 6                  | 52.140 (±<br>9.8766)   | 22.944 (±<br>3.7686)   |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change from baseline in growth parameter: body weight - FAS

|                 |   |
|-----------------|---|
| End point title | Change from baseline in growth parameter: body weight - |
|-----------------|---|

End point description:

To evaluate the effect of branaplam on weight

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[18] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Parts 1 & 3<br>Overall | Parts 2 & 3<br>Overall |  |  |
|--------------------------------------|------------------------|------------------------|--|--|
| Subject group type                   | Reporting group        | Reporting group        |  |  |
| Number of subjects analysed          | 13                     | 25                     |  |  |
| Units: kg                            |                        |                        |  |  |
| arithmetic mean (standard deviation) |                        |                        |  |  |
| Week 52                              | 2.739 (±<br>1.3545)    | 3.145 (±<br>1.5089)    |  |  |
| P3 Month 6                           | 9.546 (±<br>3.5069)    | 4.402 (±<br>1.3250)    |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change from baseline in respiratory function: Pulse oximetry - FAS

End point title Change from baseline in respiratory function: Pulse oximetry - FAS<sup>[19]</sup>

End point description:

To evaluate the effect of branaplam on pulse oximetry in percentage (%) of oxygen saturation.

End point type Secondary

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[19] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 13                  | 25                  |  |  |
| Units: percentage                    |                     |                     |  |  |
| arithmetic mean (standard deviation) |                     |                     |  |  |
| Week 52                              | -0.8 (± 2.59)       | -0.1 (± 1.56)       |  |  |
| P3 Month 6                           | -0.7 (± 2.58)       | 0.0 (± 1.83)        |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change from baseline in respiratory function: Respiratory rate - FAS

End point title Change from baseline in respiratory function: Respiratory rate - FAS<sup>[20]</sup>

End point description:

To evaluate the effect of branaplam on respiratory rate

End point type Secondary

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[20] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 12                  | 25                  |  |  |
| Units: breaths per minute            |                     |                     |  |  |
| arithmetic mean (standard deviation) |                     |                     |  |  |
| Week 52                              | 41.3 (± 7.57)       | 40.5 (± 13.46)      |  |  |
| P3 Month 6                           | 29.2 (± 6.59)       | 37.2 (± 8.95)       |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Change from baseline in respiratory function: Chest circumference during quiet breathing - end of inspiration and expiration - FAS

|                 |  |
|-----------------|--|
| End point title | Change from baseline in respiratory function: Chest circumference during quiet breathing - end of inspiration and expiration - FAS <sup>[21]</sup> |
|-----------------|--|

End point description:

To evaluate the effect of branaplam on chest circumference during quiet breathing or sleep at the end of inspiration.

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

End point timeframe:

Baseline, Week 52 and Part 3 Month 6

Notes:

[21] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                     | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 1                   | 18                  |  |  |
| Units: cm                            |                     |                     |  |  |
| arithmetic mean (standard deviation) |                     |                     |  |  |
| Week 52 - end of inspiration         | 999 (± 999)         | 5.964 (± 3.6345)    |  |  |
| P3 Month 6 - end of inspiration      | 999 (± 999)         | 8.535 (± 3.3083)    |  |  |
| Week 52 - end of expiration          | 999 (± 999)         | 6.033 (± 3.9466)    |  |  |
| P3 Month 6 - end of expiration       | 999 (± 999)         | 9.147 (± 3.5755)    |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Number of participants with presence of paradoxical breathing - FAS

|                 |   |
|-----------------|---|
| End point title | Number of participants with presence of paradoxical breathing - FAS <sup>[22]</sup> |
|-----------------|---|

End point description:

A paradoxical breathing occurs when one compartment moves out of phase compared to another one. In SMA type I, paradoxical breathing is often a sign of breathing problems where the pulmonary ribcage moves inward during inspiration rather than outward while the abdomen expands.

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[22] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>     | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|-----------------------------|---------------------|---------------------|--|--|
| Subject group type          | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed | 13                  | 25                  |  |  |
| Units: participants         |                     |                     |  |  |
| Week 52                     | 5                   | 15                  |  |  |
| P3 Month 6                  | 4                   | 14                  |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Summary of CHOP INTEND total score - Parts 1 and 3 and Parts 2 and 3 - FAS

|                 |  |
|-----------------|--|
| End point title | Summary of CHOP INTEND total score - Parts 1 and 3 and Parts 2 and 3 - FAS <sup>[23]</sup> |
|-----------------|--|

End point description:

CHOP INTEND is a motor test measure for SMA Type 1 and similarly weak infants with neuromuscular disease. The CHOP INTEND provides a useful measure of motor skills and strength in this population. It is a 16 item, 64 point scale. Each item (motor skill) is given a score from zero to 4: zero indicates can't complete the movement, 1 to 3 indicates partial performance and a 4 indicates person can complete the movement on their own without assistance. These scores are added up to a possible total score of 64 and higher scores indicate better outcomes.

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[23] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 8                   | 18                  |  |  |
| Units: scores on a scale             |                     |                     |  |  |
| arithmetic mean (standard deviation) |                     |                     |  |  |
| Week 52                              | 38.1 (± 8.69)       | 43.6 (± 6.79)       |  |  |
| Part 3, Month 6                      | 26.0 (± 9.99)       | 44.7 (± 8.73)       |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Number of participants fed orally or by feeding tube for Parts 1 and 3 and Parts 2 and 3 - FAS

|                 |  |
|-----------------|--|
| End point title | Number of participants fed orally or by feeding tube for Parts 1 and 3 and Parts 2 and 3 - FAS <sup>[24]</sup> |
|-----------------|--|

End point description:

To evaluate the efficacy of branaplam on preservation of oral feeding

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[24] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| End point values                              | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|---|---------------------|---------------------|--|--|
| Subject group type                            | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed                   | 13                  | 25                  |  |  |
| Units: participants                           |                     |                     |  |  |
| Only exclusively orally fed                   | 3                   | 18                  |  |  |
| Only exclusively tube fed                     | 0                   | 0                   |  |  |
| Started on orally fed, switched to tube fed   | 0                   | 2                   |  |  |
| Started on tube fed, switched to orally fed   | 0                   | 0                   |  |  |
| Other (mixture of both tube and oral feeding) | 8                   | 5                   |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Number of participants and HINE Motor subscale milestones (ability to sit, stand or walk without support) - FAS

|                 |   |
|-----------------|---|
| End point title | Number of participants and HINE Motor subscale milestones (ability to sit, stand or walk without support) - FAS <sup>[25]</sup> |
|-----------------|---|

End point description:

HINE Section 2 is a standardized evaluation of motor function. It evaluates 8 items; grasp, head control, kicking, rolling over, sitting up, crawling, standing and walking. Motor skills are assigned a score of 0 to 3 to 5 points and zero means the child lacks that motor skill. The maximum score is 26 which is dependent on age, level of development and severity of disease. A higher score is a better outcome. This assessment was added with amendment 6, therefore no baseline was available.

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

End point timeframe:

Baseline up to Part 3, Month 6

Notes:

[25] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>     | Parts 1 & 3<br>Overall | Parts 2 & 3<br>Overall |  |  |
|-----------------------------|------------------------|------------------------|--|--|
| Subject group type          | Reporting group        | Reporting group        |  |  |
| Number of subjects analysed | 13                     | 25                     |  |  |
| Units: participants         |                        |                        |  |  |
| Week 52 Sitting             | 1                      | 1                      |  |  |
| Week 52 Standing            | 0                      | 2                      |  |  |
| Week 52: Walking            | 0                      | 1                      |  |  |
| Part 3, Month 6: Sitting    | 0                      | 4                      |  |  |
| Part 3, Month 6: Standing   | 0                      | 5                      |  |  |
| Part 3, Month 6: Walking    | 0                      | 2                      |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Ventilation use for Parts 1 and 3 and Parts 2 and 3 - FAS

|                 |   |
|-----------------|---|
| End point title | Ventilation use for Parts 1 and 3 and Parts 2 and 3 - FAS <sup>[26]</sup> |
|-----------------|---|

End point description:

BiBAP (bilevel positive airway pressure) ventilation is a 2 level breathing support which has a tube that connects to a mask. It provides a different level of air pressure for inhalation vs. exhalation, whereas a CPAP (continuous positive airway pressure) only pumps one level of air pressure but is also non-invasive. Invasive ventilation is delivered via an endotracheal or tracheostomy tube.

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

End point timeframe:

Baseline up 168 weeks

Notes:

[26] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>          | Parts 1 & 3<br>Overall | Parts 2 & 3<br>Overall |  |  |
|----------------------------------|------------------------|------------------------|--|--|
| Subject group type               | Reporting group        | Reporting group        |  |  |
| Number of subjects analysed      | 11                     | 25                     |  |  |
| Units: participants              |                        |                        |  |  |
| Non-invasive ventilation - BiPAP | 9                      | 18                     |  |  |
| Non-invasive ventilation - CPAP  | 3                      | 2                      |  |  |
| Invasive ventilation             | 4                      | 5                      |  |  |

### Statistical analyses

No statistical analyses for this end point

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**Secondary: Summary of Hammersmith Infant Neurologic Examination Section 2 (HINE-2) - FAS**

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|                 |   |
|-----------------|---|
| End point title | Summary of Hammersmith Infant Neurologic Examination Section 2 (HINE-2) - FAS <sup>[27]</sup> |
|-----------------|---|

---

End point description:

HINE Section 2 is a standardized evaluation of motor function. It evaluates 8 items; grasp, head control, kicking, rolling over, sitting up, crawling, standing and walking. Motor skills are assigned a score of 0 to 3 to 5 points and zero means the child lacks that motor skill. The maximum score is 26 which is dependent on age, level of development and severity of disease. A higher score is a better outcome. This assessment was added with amendment 6, therefore no baseline was available.

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

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End point timeframe:

Baseline up to Week 52

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Notes:

[27] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: No analysis was done

| <b>End point values</b>              | Parts 1 & 3 Overall | Parts 2 & 3 Overall |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 8                   | 25                  |  |  |
| Units: total scores                  |                     |                     |  |  |
| arithmetic mean (standard deviation) |                     |                     |  |  |
| Week 52                              | 3.3 (± 2.31)        | 4.9 (± 3.44)        |  |  |
| Part 3 Month 6                       | 3.0 (± 2.12)        | 7.7 (± 4.82)        |  |  |

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**Statistical analyses**

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No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Adverse events were reported from first dose of study treatment until end of study treatment plus 30 days post last treatment up a maximum of 83 months.

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

### Dictionary used

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

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

### Reporting groups

|                       |               |
|-----------------------|---------------|
| Reporting group title | Parts 1 and 3 |
|-----------------------|---------------|

Reporting group description:

Parts 1 and 3

|                       |                          |
|-----------------------|--------------------------|
| Reporting group title | Parts 2 and 3 LMI070 2.5 |
|-----------------------|--------------------------|

Reporting group description:

Parts 2 and 3 LMI070 2.5

|                       |                            |
|-----------------------|----------------------------|
| Reporting group title | Parts 2 and 3 LMI070 0.625 |
|-----------------------|----------------------------|

Reporting group description:

Parts 2 and 3 LMI070 0.625

| <b>Serious adverse events</b>                        | Parts 1 and 3     | Parts 2 and 3<br>LMI070 2.5 | Parts 2 and 3<br>LMI070 0.625 |
|--|-------------------|-----------------------------|-------------------------------|
| Total subjects affected by serious adverse events    |                   |                             |                               |
| subjects affected / exposed                          | 13 / 13 (100.00%) | 11 / 15 (73.33%)            | 8 / 10 (80.00%)               |
| number of deaths (all causes)                        | 9                 | 2                           | 1                             |
| number of deaths resulting from adverse events       | 0                 | 0                           | 0                             |
| Vascular disorders                                   |                   |                             |                               |
| Circulatory collapse                                 |                   |                             |                               |
| subjects affected / exposed                          | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences causally related to treatment / all      | 0 / 1             | 0 / 0                       | 0 / 0                         |
| deaths causally related to treatment / all           | 0 / 1             | 0 / 0                       | 0 / 0                         |
| Hypertension   |                   |                             |                               |
| subjects affected / exposed                          | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences causally related to treatment / all      | 1 / 1             | 0 / 0                       | 0 / 0                         |
| deaths causally related to treatment / all           | 0 / 0             | 0 / 0                       | 0 / 0                         |
| General disorders and administration site conditions |                   |                             |                               |
| Pyrexia  |                   |                             |                               |

|   |                 |                |                 |
|---|-----------------|----------------|-----------------|
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 0          | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Multiple organ dysfunction syndrome             |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (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           |
| Immune system disorders                         |                 |                |                 |
| Hypersensitivity                                |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (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           |
| Respiratory, thoracic and mediastinal disorders |                 |                |                 |
| Acute respiratory distress syndrome             |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (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           |
| Respiratory distress                            |                 |                |                 |
| subjects affected / exposed                     | 5 / 13 (38.46%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 10          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 1           | 0 / 0          | 0 / 0           |
| Respiratory arrest                              |                 |                |                 |
| subjects affected / exposed                     | 2 / 13 (15.38%) | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 1          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Pulmonary haemorrhage                           |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |
| Acute respiratory failure                       |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| Apnoea  |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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           |
| Atelectasis                                     |                 |                 |                 |
| subjects affected / exposed                     | 5 / 13 (38.46%) | 1 / 15 (6.67%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 8           | 0 / 1           | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Bronchostenosis                                 |                 |                 |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Dyspnoea  |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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 / 0           | 0 / 0           |
| Laryngospasm                                    |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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           |
| Obstructive airways disorder                    |                 |                 |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 1           | 0 / 0           | 0 / 0           |
| Pneumomediastinum                               |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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           |
| Respiratory failure                             |                 |                 |                 |
| subjects affected / exposed                     | 5 / 13 (38.46%) | 2 / 15 (13.33%) | 2 / 10 (20.00%) |
| occurrences causally related to treatment / all | 0 / 8           | 0 / 3           | 0 / 2           |
| deaths causally related to treatment / all      | 0 / 4           | 0 / 0           | 0 / 0           |
| Tachypnoea                                      |                 |                 |                 |

|   |                |                |                 |
|---|----------------|----------------|-----------------|
| subjects affected / exposed                               | 0 / 13 (0.00%) | 0 / 15 (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>Investigations</b>                                     |                |                |                 |
| Ejection fraction decreased                               |                |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all           | 1 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all                | 0 / 0          | 0 / 0          | 0 / 0           |
| N-terminal prohormone brain natriuretic peptide increased |                |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all           | 0 / 0          | 0 / 0          | 1 / 1           |
| deaths causally related to treatment / all                | 0 / 0          | 0 / 0          | 0 / 0           |
| Oxygen saturation decreased                               |                |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all           | 0 / 1          | 0 / 0          | 0 / 1           |
| deaths causally related to treatment / all                | 0 / 0          | 0 / 0          | 0 / 0           |
| Respiratory syncytial virus test positive                 |                |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all           | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all                | 0 / 1          | 0 / 0          | 0 / 0           |
| Rotavirus test positive                                   |                |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Salmonella test positive                                  |                |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Transaminases increased                                   |                |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Ultrasound kidney abnormal                                |                |                |                 |

|   |                 |                |                 |
|---|-----------------|----------------|-----------------|
| subjects affected / exposed                           | 0 / 13 (0.00%)  | 0 / 15 (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>Injury, poisoning and procedural complications</b> |                 |                |                 |
| <b>Femur fracture</b>                                 |                 |                |                 |
| subjects affected / exposed                           | 4 / 13 (30.77%) | 0 / 15 (0.00%) | 2 / 10 (20.00%) |
| occurrences causally related to treatment / all       | 0 / 6           | 0 / 0          | 0 / 2           |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0          | 0 / 0           |
| <b>Foreign body in gastrointestinal tract</b>         |                 |                |                 |
| subjects affected / exposed                           | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0          | 0 / 0           |
| <b>Shunt malfunction</b>                              |                 |                |                 |
| subjects affected / exposed                           | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |
| <b>Cardiac disorders</b>                              |                 |                |                 |
| <b>Left ventricular hypertrophy</b>                   |                 |                |                 |
| subjects affected / exposed                           | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all       | 1 / 1           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0          | 0 / 0           |
| <b>Arrhythmia</b>                                     |                 |                |                 |
| subjects affected / exposed                           | 0 / 13 (0.00%)  | 0 / 15 (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>Bradycardia</b>                                    |                 |                |                 |
| subjects affected / exposed                           | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0          | 0 / 0           |
| <b>Cardiac arrest</b>                                 |                 |                |                 |
| subjects affected / exposed                           | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0          | 0 / 2           |
| deaths causally related to treatment / all            | 0 / 1           | 0 / 0          | 0 / 1           |

|   |                |                |                 |
|---|----------------|----------------|-----------------|
| Tachycardia                                     |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 0 / 15 (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           |
| Supraventricular tachycardia                    |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Sinus tachycardia                               |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0          | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Pericardial effusion                            |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Nervous system disorders                        |                |                |                 |
| Epilepsy  |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Hydrocephalus                                   |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Ischaemic cerebral infarction                   |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Blood and lymphatic system disorders            |                |                |                 |
| Anaemia   |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |

|   |                |                |                |
|---|----------------|----------------|----------------|
| Thrombocytopenia                                |                |                |                |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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          |
| Gastrointestinal disorders                      |                |                |                |
| Gastric ulcer                                   |                |                |                |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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          |
| Diarrhoea                                       |                |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0          |
| Constipation                                    |                |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0          |
| Intestinal ischaemia                            |                |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0          |
| Peptic ulcer haemorrhage                        |                |                |                |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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          |
| Hepatobiliary disorders                         |                |                |                |
| Hepatomegaly                                    |                |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0          |
| Renal and urinary disorders                     |                |                |                |
| Hypercalciuria                                  |                |                |                |

|  |                 |                 |                 |
|--|-----------------|-----------------|-----------------|
| subjects affected / exposed                            | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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           |
| <b>Renal tubular disorder</b>                          |                 |                 |                 |
| subjects affected / exposed                            | 0 / 13 (0.00%)  | 0 / 15 (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>Musculoskeletal and connective tissue disorders</b> |                 |                 |                 |
| <b>Muscular weakness</b>                               |                 |                 |                 |
| subjects affected / exposed                            | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           | 0 / 0           |
| <b>Infections and infestations</b>                     |                 |                 |                 |
| <b>Bronchiolitis</b>                                   |                 |                 |                 |
| subjects affected / exposed                            | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           | 0 / 0           |
| <b>Bronchitis</b>                                      |                 |                 |                 |
| subjects affected / exposed                            | 0 / 13 (0.00%)  | 2 / 15 (13.33%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 6           | 0 / 1           |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           | 0 / 0           |
| <b>Gastroenteritis rotavirus</b>                       |                 |                 |                 |
| subjects affected / exposed                            | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 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           |
| <b>Gastroenteritis</b>                                 |                 |                 |                 |
| subjects affected / exposed                            | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all        | 0 / 2           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           | 0 / 0           |
| <b>Enterovirus infection</b>                           |                 |                 |                 |
| subjects affected / exposed                            | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           | 0 / 0           |

|   |                |                |                 |
|---|----------------|----------------|-----------------|
| Diarrhoea infectious                            |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Cellulitis                                      |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 3          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| COVID-19 pneumonia                              |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 0 / 15 (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           |
| Bronchitis bacterial                            |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Infection                                       |                |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%) | 1 / 15 (6.67%) | 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           |
| Nasopharyngitis                                 |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Otitis media                                    |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Parainfluenzae virus infection                  |                |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          | 0 / 0           |
| Pneumococcal sepsis                             |                |                |                 |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Respiratory tract infection                     |                 |                 |                 |
| subjects affected / exposed                     | 3 / 13 (23.08%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 5           | 0 / 0           | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Respiratory tract infection viral               |                 |                 |                 |
| subjects affected / exposed                     | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 3           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Pyelonephritis acute                            |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (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           |
| Pseudomonas infection                           |                 |                 |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Pneumonia bacterial                             |                 |                 |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 2 / 15 (13.33%) | 1 / 10 (10.00%) |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 3           | 0 / 1           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Pneumonia aspiration                            |                 |                 |                 |
| subjects affected / exposed                     | 2 / 13 (15.38%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 1           | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           | 0 / 0           |
| Pneumonia                                       |                 |                 |                 |
| subjects affected / exposed                     | 9 / 13 (69.23%) | 7 / 15 (46.67%) | 4 / 10 (40.00%) |
| occurrences causally related to treatment / all | 0 / 18          | 0 / 13          | 0 / 6           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 1           | 0 / 0           |
| Respiratory syncytial virus infection           |                 |                 |                 |

|   |                 |                |                 |
|---|-----------------|----------------|-----------------|
| subjects affected / exposed                     | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Rhinovirus infection                            |                 |                |                 |
| subjects affected / exposed                     | 3 / 13 (23.08%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 3           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Sepsis  |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |
| Septic shock                                    |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |
| Staphylococcal sepsis                           |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Upper respiratory tract infection               |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 2 / 10 (20.00%) |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0          | 0 / 2           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Urinary tract infection                         |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 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           |
| Viral upper respiratory tract infection         |                 |                |                 |
| subjects affected / exposed                     | 2 / 13 (15.38%) | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 1          | 0 / 0           |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0           |
| Metabolism and nutrition disorders              |                 |                |                 |
| Dehydration                                     |                 |                |                 |

|   |                 |                |                |
|---|-----------------|----------------|----------------|
| subjects affected / exposed                     | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 2           | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0          |
| <b>Malnutrition</b>                             |                 |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 1          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0          |
| <b>Hypophagia</b>                               |                 |                |                |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0          | 0 / 0          |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0          | 0 / 0          |

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

| <b>Non-serious adverse events</b>  | Parts 1 and 3     | Parts 2 and 3<br>LMI070 2.5 | Parts 2 and 3<br>LMI070 0.625 |
|--|-------------------|-----------------------------|-------------------------------|
| <b>Total subjects affected by non-serious adverse events</b>               |                   |                             |                               |
| subjects affected / exposed  | 13 / 13 (100.00%) | 15 / 15 (100.00%)           | 10 / 10 (100.00%)             |
| <b>Neoplasms benign, malignant and unspecified (incl cysts and polyps)</b> |                   |                             |                               |
| <b>Melanocytic naevus</b>  |                   |                             |                               |
| subjects affected / exposed  | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences (all)  | 1                 | 0                           | 0                             |
| <b>Vascular disorders</b>  |                   |                             |                               |
| <b>Thrombosis</b>  |                   |                             |                               |
| subjects affected / exposed  | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences (all)  | 1                 | 0                           | 0                             |
| <b>Cyanosis</b>  |                   |                             |                               |
| subjects affected / exposed  | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences (all)  | 1                 | 0                           | 0                             |
| <b>Diastolic hypertension</b>  |                   |                             |                               |
| subjects affected / exposed  | 1 / 13 (7.69%)    | 0 / 15 (0.00%)              | 0 / 10 (0.00%)                |
| occurrences (all)  | 1                 | 0                           | 0                             |
| <b>Hypertension</b>  |                   |                             |                               |
| subjects affected / exposed  | 0 / 13 (0.00%)    | 0 / 15 (0.00%)              | 3 / 10 (30.00%)               |
| occurrences (all)  | 0                 | 0                           | 5                             |
| <b>Hypotension</b>   |                   |                             |                               |

|   |                      |                      |                      |
|---|----------------------|----------------------|----------------------|
| subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Surgical and medical procedures                         |                      |                      |                      |
| Therapy cessation                                       |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Tracheostomy  |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| General disorders and administration<br>site conditions |                      |                      |                      |
| Fatigue   |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Asthenia  |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Catheter site haemorrhage                               |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Discomfort  |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Granuloma   |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>2  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Hyperthermia  |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>2  | 4 / 15 (26.67%)<br>7 | 0 / 10 (0.00%)<br>0  |
| Malaise   |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>2  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Medical device pain                                     |                      |                      |                      |
| subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Medical device site granuloma                           |                      |                      |                      |

|   |                        |                       |                       |
|---|------------------------|-----------------------|-----------------------|
| subjects affected / exposed<br>occurrences (all)  | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Non-cardiac chest pain<br>subjects affected / exposed<br>occurrences (all)                                      | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Pain<br>subjects affected / exposed<br>occurrences (all)  | 1 / 13 (7.69%)<br>1    | 1 / 15 (6.67%)<br>1   | 0 / 10 (0.00%)<br>0   |
| Pyrexia<br>subjects affected / exposed<br>occurrences (all)   | 11 / 13 (84.62%)<br>58 | 6 / 15 (40.00%)<br>16 | 7 / 10 (70.00%)<br>19 |
| Hyperpyrexia<br>subjects affected / exposed<br>occurrences (all)  | 1 / 13 (7.69%)<br>3    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Immune system disorders<br>Allergy to arthropod bite<br>subjects affected / exposed<br>occurrences (all)        | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Drug hypersensitivity<br>subjects affected / exposed<br>occurrences (all)                                       | 1 / 13 (7.69%)<br>1    | 1 / 15 (6.67%)<br>1   | 0 / 10 (0.00%)<br>0   |
| Immunisation reaction<br>subjects affected / exposed<br>occurrences (all)                                       | 6 / 13 (46.15%)<br>7   | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Multiple allergies<br>subjects affected / exposed<br>occurrences (all)  | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Reproductive system and breast<br>disorders<br>Genital rash<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0   |
| Vulvovaginal dryness<br>subjects affected / exposed<br>occurrences (all)  | 0 / 13 (0.00%)<br>0    | 1 / 15 (6.67%)<br>1   | 0 / 10 (0.00%)<br>0   |
| Vulvovaginal rash   |                        |                       |                       |

|  |                     |                     |                     |
|--|---------------------|---------------------|---------------------|
| subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0 | 1 / 15 (6.67%)<br>1 | 0 / 10 (0.00%)<br>0 |
| Respiratory, thoracic and mediastinal disorders  |                     |                     |                     |
| Bronchiectasis                                   |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 0                   | 0                   |
| Aspiration                                       |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 0                   | 0                   |
| Asthma   |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 2                   | 0                   | 0                   |
| Atelectasis                                      |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 1 / 10 (10.00%)     |
| occurrences (all)                                | 1                   | 0                   | 1                   |
| Bronchospasm                                     |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 0                   | 0                   |
| Respiratory distress                             |                     |                     |                     |
| subjects affected / exposed                      | 2 / 13 (15.38%)     | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 2                   | 0                   | 0                   |
| Chronic respiratory failure                      |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 0                   | 0                   |
| Cough  |                     |                     |                     |
| subjects affected / exposed                      | 3 / 13 (23.08%)     | 4 / 15 (26.67%)     | 3 / 10 (30.00%)     |
| occurrences (all)                                | 10                  | 6                   | 3                   |
| Dysphonia  |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 1 / 15 (6.67%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 1                   | 0                   |
| Dyspnoea   |                     |                     |                     |
| subjects affected / exposed                      | 1 / 13 (7.69%)      | 0 / 15 (0.00%)      | 0 / 10 (0.00%)      |
| occurrences (all)                                | 1                   | 0                   | 0                   |
| Epistaxis  |                     |                     |                     |

|                                  |                 |                 |                 |
|----------------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed      | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 2               | 0               | 0               |
| Hypoxia                          |                 |                 |                 |
| subjects affected / exposed      | 1 / 13 (7.69%)  | 2 / 15 (13.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                | 2               | 2               | 0               |
| Increased bronchial secretion    |                 |                 |                 |
| subjects affected / exposed      | 3 / 13 (23.08%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 3               | 0               | 0               |
| Increased upper airway secretion |                 |                 |                 |
| subjects affected / exposed      | 4 / 13 (30.77%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 10              | 0               | 0               |
| Lung disorder                    |                 |                 |                 |
| subjects affected / exposed      | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                | 0               | 0               | 1               |
| Nasal congestion                 |                 |                 |                 |
| subjects affected / exposed      | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 1               | 0               | 0               |
| Nasal discomfort                 |                 |                 |                 |
| subjects affected / exposed      | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0               | 1               | 0               |
| Nasal obstruction                |                 |                 |                 |
| subjects affected / exposed      | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 1               | 0               | 0               |
| Obstructive airways disorder     |                 |                 |                 |
| subjects affected / exposed      | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 1               | 0               | 0               |
| Oropharyngeal pain               |                 |                 |                 |
| subjects affected / exposed      | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0               | 1               | 0               |
| Productive cough                 |                 |                 |                 |
| subjects affected / exposed      | 1 / 13 (7.69%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 2               | 1               | 0               |
| Pulmonary fibrosis               |                 |                 |                 |
| subjects affected / exposed      | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                | 0               | 1               | 0               |
| Respiratory depression           |                 |                 |                 |

|  |                      |                     |                      |
|--|----------------------|---------------------|----------------------|
| subjects affected / exposed<br>occurrences (all)                                   | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Respiratory disorder<br>subjects affected / exposed<br>occurrences (all)           | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Choking<br>subjects affected / exposed<br>occurrences (all)                        | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1 | 1 / 10 (10.00%)<br>1 |
| Respiratory failure<br>subjects affected / exposed<br>occurrences (all)            | 2 / 13 (15.38%)<br>3 | 1 / 15 (6.67%)<br>1 | 2 / 10 (20.00%)<br>2 |
| Rhinorrhoea<br>subjects affected / exposed<br>occurrences (all)                    | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Sputum discoloured<br>subjects affected / exposed<br>occurrences (all)             | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Tachypnoea<br>subjects affected / exposed<br>occurrences (all)                     | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1 | 1 / 10 (10.00%)<br>2 |
| Vasomotor rhinitis<br>subjects affected / exposed<br>occurrences (all)             | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Respiratory tract inflammation<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>2  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Psychiatric disorders  |                      |                     |                      |
| Behaviour disorder<br>subjects affected / exposed<br>occurrences (all)             | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Agitation<br>subjects affected / exposed<br>occurrences (all)                      | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Anxiety<br>subjects affected / exposed<br>occurrences (all)                        | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |

|  |                 |                 |                 |
|--|-----------------|-----------------|-----------------|
| Irritability                           |                 |                 |                 |
| subjects affected / exposed            | 3 / 13 (23.08%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                      | 3               | 0               | 0               |
| Restlessness                           |                 |                 |                 |
| subjects affected / exposed            | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                      | 2               | 0               | 0               |
| Investigations                         |                 |                 |                 |
| Fungal test positive                   |                 |                 |                 |
| subjects affected / exposed            | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                      | 0               | 0               | 1               |
| Aspartate aminotransferase increased   |                 |                 |                 |
| subjects affected / exposed            | 3 / 13 (23.08%) | 0 / 15 (0.00%)  | 5 / 10 (50.00%) |
| occurrences (all)                      | 4               | 0               | 9               |
| Blood albumin decreased                |                 |                 |                 |
| subjects affected / exposed            | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                      | 1               | 0               | 0               |
| Blood alkaline phosphatase decreased   |                 |                 |                 |
| subjects affected / exposed            | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                      | 0               | 0               | 1               |
| Blood alkaline phosphatase increased   |                 |                 |                 |
| subjects affected / exposed            | 0 / 13 (0.00%)  | 2 / 15 (13.33%) | 1 / 10 (10.00%) |
| occurrences (all)                      | 0               | 2               | 1               |
| Blood creatine phosphokinase increased |                 |                 |                 |
| subjects affected / exposed            | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                      | 0               | 1               | 0               |
| Blood creatinine decreased             |                 |                 |                 |
| subjects affected / exposed            | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 3 / 10 (30.00%) |
| occurrences (all)                      | 0               | 1               | 3               |
| Blood iron decreased                   |                 |                 |                 |
| subjects affected / exposed            | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                      | 1               | 0               | 0               |
| Blood lactate dehydrogenase increased  |                 |                 |                 |
| subjects affected / exposed            | 1 / 13 (7.69%)  | 1 / 15 (6.67%)  | 2 / 10 (20.00%) |
| occurrences (all)                      | 1               | 1               | 2               |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| Blood parathyroid hormone decreased         |                 |                 |                 |
| subjects affected / exposed                 | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                           | 0               | 1               | 0               |
| Blood potassium decreased                   |                 |                 |                 |
| subjects affected / exposed                 | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                           | 1               | 0               | 0               |
| Blood potassium increased                   |                 |                 |                 |
| subjects affected / exposed                 | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                           | 0               | 0               | 2               |
| Blood thyroid stimulating hormone increased |                 |                 |                 |
| subjects affected / exposed                 | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 1 / 10 (10.00%) |
| occurrences (all)                           | 0               | 1               | 1               |
| Body temperature increased                  |                 |                 |                 |
| subjects affected / exposed                 | 3 / 13 (23.08%) | 2 / 15 (13.33%) | 0 / 10 (0.00%)  |
| occurrences (all)                           | 3               | 5               | 0               |
| Brain natriuretic peptide increased         |                 |                 |                 |
| subjects affected / exposed                 | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                           | 0               | 1               | 0               |
| C-reactive protein increased                |                 |                 |                 |
| subjects affected / exposed                 | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                           | 2               | 0               | 1               |
| Crystal urine present                       |                 |                 |                 |
| subjects affected / exposed                 | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)                           | 0               | 0               | 2               |
| Electrocardiogram P pulmonale               |                 |                 |                 |
| subjects affected / exposed                 | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                           | 1               | 0               | 0               |
| Alanine aminotransferase increased          |                 |                 |                 |
| subjects affected / exposed                 | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 5 / 10 (50.00%) |
| occurrences (all)                           | 2               | 0               | 5               |
| Gamma-glutamyltransferase increased         |                 |                 |                 |
| subjects affected / exposed                 | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                           | 2               | 0               | 1               |
| White blood cell count decreased            |                 |                 |                 |

|   |                 |                |                 |
|---|-----------------|----------------|-----------------|
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 1               | 0              | 0               |
| Haemoglobin decreased                                     |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 1 / 10 (10.00%) |
| occurrences (all)   | 4               | 2              | 1               |
| Heart rate decreased                                      |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 1               | 0              | 0               |
| Heart rate increased                                      |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 1               | 0              | 0               |
| N-terminal prohormone brain natriuretic peptide increased |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 1 / 10 (10.00%) |
| occurrences (all)   | 1               | 1              | 1               |
| Nerve conduction studies abnormal                         |                 |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)   | 0               | 0              | 1               |
| Neutrophil count decreased                                |                 |                |                 |
| subjects affected / exposed                               | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 2               | 0              | 0               |
| Oxygen saturation decreased                               |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)   | 1               | 0              | 1               |
| Platelet count increased                                  |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 1               | 0              | 0               |
| Red blood cell count decreased                            |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 4               | 0              | 0               |
| Reticulocyte count decreased                              |                 |                |                 |
| subjects affected / exposed                               | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)   | 1               | 0              | 0               |
| Transaminases increased                                   |                 |                |                 |
| subjects affected / exposed                               | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 1 / 10 (10.00%) |
| occurrences (all)   | 0               | 1              | 1               |

|  |                      |                     |                      |
|--|----------------------|---------------------|----------------------|
| Troponin T increased<br>subjects affected / exposed<br>occurrences (all)             | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Troponin increased<br>subjects affected / exposed<br>occurrences (all)               | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>2 | 0 / 10 (0.00%)<br>0  |
| Ultrasound kidney abnormal<br>subjects affected / exposed<br>occurrences (all)       | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Urine phosphorus increased<br>subjects affected / exposed<br>occurrences (all)       | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Urine uric acid increased<br>subjects affected / exposed<br>occurrences (all)        | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1 | 1 / 10 (10.00%)<br>1 |
| Vitamin D decreased<br>subjects affected / exposed<br>occurrences (all)              | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1 | 0 / 10 (0.00%)<br>0  |
| Weight decreased<br>subjects affected / exposed<br>occurrences (all)                 | 4 / 13 (30.77%)<br>6 | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Haematocrit decreased<br>subjects affected / exposed<br>occurrences (all)            | 1 / 13 (7.69%)<br>4  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| White blood cells urine positive<br>subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>4 |
| Injury, poisoning and procedural complications                                       |                      |                     |                      |
| Arthropod bite<br>subjects affected / exposed<br>occurrences (all)                   | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Exposure to SARS-CoV-2<br>subjects affected / exposed<br>occurrences (all)           | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |
| Femur fracture   |                      |                     |                      |

|  |                      |                      |                      |
|--|----------------------|----------------------|----------------------|
| subjects affected / exposed<br>occurrences (all)                             | 2 / 13 (15.38%)<br>2 | 3 / 15 (20.00%)<br>3 | 1 / 10 (10.00%)<br>1 |
| Fibula fracture<br>subjects affected / exposed<br>occurrences (all)          | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Foot fracture<br>subjects affected / exposed<br>occurrences (all)            | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Humerus fracture<br>subjects affected / exposed<br>occurrences (all)         | 3 / 13 (23.08%)<br>3 | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Joint dislocation<br>subjects affected / exposed<br>occurrences (all)        | 3 / 13 (23.08%)<br>3 | 2 / 15 (13.33%)<br>2 | 1 / 10 (10.00%)<br>1 |
| Lower limb fracture<br>subjects affected / exposed<br>occurrences (all)      | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Subdural haematoma<br>subjects affected / exposed<br>occurrences (all)       | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>2 |
| Subdural haemorrhage<br>subjects affected / exposed<br>occurrences (all)     | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Sunburn<br>subjects affected / exposed<br>occurrences (all)                  | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Tibia fracture<br>subjects affected / exposed<br>occurrences (all)           | 4 / 13 (30.77%)<br>4 | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Tracheostomy malfunction<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>3  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Upper limb fracture<br>subjects affected / exposed<br>occurrences (all)      | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Congenital, familial and genetic   |                      |                      |                      |

|                             |                 |                |                 |
|-----------------------------|-----------------|----------------|-----------------|
| disorders                   |                 |                |                 |
| Cryptorchism                |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Dacryostenosis congenital   |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Developmental hip dysplasia |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Hypertrophic cardiomyopathy |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Phimosi                     |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |
| Plagiocephaly               |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |
| Cardiac disorders           |                 |                |                 |
| Arrhythmia                  |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Atrial tachycardia          |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |
| Bradycardia                 |                 |                |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 2               | 0              | 0               |
| Cardiac failure             |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Myocarditis                 |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Pericardial effusion        |                 |                |                 |

|                                |                |                 |                 |
|--------------------------------|----------------|-----------------|-----------------|
| subjects affected / exposed    | 1 / 13 (7.69%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 1              | 0               | 0               |
| Right ventricular hypertrophy  |                |                 |                 |
| subjects affected / exposed    | 1 / 13 (7.69%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 1              | 0               | 0               |
| Sinus node dysfunction         |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 0              | 1               | 0               |
| Sinus tachycardia              |                |                 |                 |
| subjects affected / exposed    | 1 / 13 (7.69%) | 2 / 15 (13.33%) | 1 / 10 (10.00%) |
| occurrences (all)              | 1              | 2               | 1               |
| Supraventricular extrasystoles |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 0              | 2               | 0               |
| Supraventricular tachycardia   |                |                 |                 |
| subjects affected / exposed    | 1 / 13 (7.69%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 1              | 1               | 0               |
| Tachycardia                    |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 1 / 15 (6.67%)  | 2 / 10 (20.00%) |
| occurrences (all)              | 0              | 1               | 2               |
| Sinus bradycardia              |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 0              | 1               | 0               |
| Nervous system disorders       |                |                 |                 |
| Brain injury                   |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)              | 0              | 0               | 1               |
| Cerebral atrophy               |                |                 |                 |
| subjects affected / exposed    | 0 / 13 (0.00%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)              | 0              | 0               | 1               |
| Complex regional pain syndrome |                |                 |                 |
| subjects affected / exposed    | 1 / 13 (7.69%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 1              | 0               | 0               |
| Facial paresis                 |                |                 |                 |
| subjects affected / exposed    | 1 / 13 (7.69%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)              | 2              | 0               | 0               |

|   |                      |                      |                      |
|---|----------------------|----------------------|----------------------|
| Glossopharyngeal nerve disorder<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>2  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Headache<br>subjects affected / exposed<br>occurrences (all)                        | 2 / 13 (15.38%)<br>3 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Hydrocephalus<br>subjects affected / exposed<br>occurrences (all)                   | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Motor dysfunction<br>subjects affected / exposed<br>occurrences (all)               | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| <b>Blood and lymphatic system disorders</b>   |                      |                      |                      |
| Monocytosis<br>subjects affected / exposed<br>occurrences (all)                     | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 2 / 10 (20.00%)<br>2 |
| Lymphopenia<br>subjects affected / exposed<br>occurrences (all)                     | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Leukopenia<br>subjects affected / exposed<br>occurrences (all)                      | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 2 / 10 (20.00%)<br>3 |
| Leukocytosis<br>subjects affected / exposed<br>occurrences (all)                    | 0 / 13 (0.00%)<br>0  | 2 / 15 (13.33%)<br>2 | 1 / 10 (10.00%)<br>1 |
| Iron deficiency anaemia<br>subjects affected / exposed<br>occurrences (all)         | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Anaemia<br>subjects affected / exposed<br>occurrences (all)                         | 2 / 13 (15.38%)<br>3 | 3 / 15 (20.00%)<br>5 | 0 / 10 (0.00%)<br>0  |
| White blood cell disorder<br>subjects affected / exposed<br>occurrences (all)       | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Thrombocytosis  |                      |                      |                      |

|   |                      |                      |                       |
|---|----------------------|----------------------|-----------------------|
| subjects affected / exposed<br>occurrences (all)  | 1 / 13 (7.69%)<br>2  | 3 / 15 (20.00%)<br>8 | 4 / 10 (40.00%)<br>8  |
| Thrombocytopenia<br>subjects affected / exposed<br>occurrences (all)                        | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>1  | 2 / 10 (20.00%)<br>2  |
| Polycythaemia<br>subjects affected / exposed<br>occurrences (all)                           | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Pancytopenia<br>subjects affected / exposed<br>occurrences (all)                            | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Neutropenia<br>subjects affected / exposed<br>occurrences (all)                             | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>3  | 3 / 10 (30.00%)<br>10 |
| Reticulocytopenia<br>subjects affected / exposed<br>occurrences (all)                       | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Ear and labyrinth disorders<br>Ear pain<br>subjects affected / exposed<br>occurrences (all) | 2 / 13 (15.38%)<br>9 | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Tympanic membrane hyperaemia<br>subjects affected / exposed<br>occurrences (all)            | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Eye disorders<br>Heterophoria<br>subjects affected / exposed<br>occurrences (all)           | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Astigmatism<br>subjects affected / exposed<br>occurrences (all)                             | 3 / 13 (23.08%)<br>3 | 3 / 15 (20.00%)<br>3 | 1 / 10 (10.00%)<br>1  |
| Blepharitis<br>subjects affected / exposed<br>occurrences (all)                             | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Chalazion   |                      |                      |                       |

|                                      |                 |                |                 |
|--------------------------------------|-----------------|----------------|-----------------|
| subjects affected / exposed          | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 1               | 0              | 0               |
| Hypermetropia                        |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0               | 1              | 0               |
| Ocular hyperaemia                    |                 |                |                 |
| subjects affected / exposed          | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 1               | 0              | 0               |
| Optic atrophy                        |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0               | 0              | 1               |
| Strabismus                           |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0               | 1              | 0               |
| Myopia                               |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 0               | 1              | 0               |
| Gastrointestinal disorders           |                 |                |                 |
| Functional gastrointestinal disorder |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0               | 0              | 1               |
| Abdominal distension                 |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0               | 0              | 1               |
| Abdominal pain                       |                 |                |                 |
| subjects affected / exposed          | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 0               | 0              | 1               |
| Abdominal pain upper                 |                 |                |                 |
| subjects affected / exposed          | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                    | 2               | 0              | 1               |
| Anal fissure                         |                 |                |                 |
| subjects affected / exposed          | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 2               | 0              | 0               |
| Aphthous ulcer                       |                 |                |                 |
| subjects affected / exposed          | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)                    | 1               | 1              | 0               |

|                             |                 |                 |                 |
|-----------------------------|-----------------|-----------------|-----------------|
| Constipation                |                 |                 |                 |
| subjects affected / exposed | 6 / 13 (46.15%) | 3 / 15 (20.00%) | 7 / 10 (70.00%) |
| occurrences (all)           | 19              | 5               | 7               |
| Dental cyst                 |                 |                 |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Diarrhoea                   |                 |                 |                 |
| subjects affected / exposed | 7 / 13 (53.85%) | 2 / 15 (13.33%) | 2 / 10 (20.00%) |
| occurrences (all)           | 19              | 3               | 3               |
| Dyspepsia                   |                 |                 |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 1               | 2               |
| Dysphagia                   |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Erosive oesophagitis        |                 |                 |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Faecaloma                   |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Flatulence                  |                 |                 |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 3               | 0               | 1               |
| Food poisoning              |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Gastrointestinal pain       |                 |                 |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 3               | 0               | 0               |
| Gingival pain               |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 3               | 0               | 0               |
| Gingival swelling           |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |

|                             |                 |                |                 |
|-----------------------------|-----------------|----------------|-----------------|
| Haematochezia               |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Hiatus hernia               |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Inguinal hernia             |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Malocclusion                |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |
| Nausea                      |                 |                |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 2               | 1              | 0               |
| Oesophagitis                |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Oesophagitis haemorrhagic   |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Regurgitation               |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 1              | 0               |
| Salivary hypersecretion     |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 1              | 0               |
| Teething                    |                 |                |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 4               | 0              | 1               |
| Tongue disorder             |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |
| Toothache                   |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0              | 0               |

|   |                        |                       |                      |
|---|------------------------|-----------------------|----------------------|
| Vomiting<br>subjects affected / exposed<br>occurrences (all)                        | 10 / 13 (76.92%)<br>40 | 2 / 15 (13.33%)<br>10 | 2 / 10 (20.00%)<br>3 |
| Gastroesophageal reflux disease<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1    | 1 / 15 (6.67%)<br>2   | 1 / 10 (10.00%)<br>1 |
| Hepatobiliary disorders   |                        |                       |                      |
| Hepatomegaly<br>subjects affected / exposed<br>occurrences (all)                    | 0 / 13 (0.00%)<br>0    | 1 / 15 (6.67%)<br>1   | 0 / 10 (0.00%)<br>0  |
| Hypertransaminasaemia<br>subjects affected / exposed<br>occurrences (all)           | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| Skin and subcutaneous tissue disorders  |                        |                       |                      |
| Rash<br>subjects affected / exposed<br>occurrences (all)                            | 4 / 13 (30.77%)<br>7   | 3 / 15 (20.00%)<br>8  | 1 / 10 (10.00%)<br>1 |
| Blister<br>subjects affected / exposed<br>occurrences (all)                         | 3 / 13 (23.08%)<br>3   | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| Decubitus ulcer<br>subjects affected / exposed<br>occurrences (all)                 | 1 / 13 (7.69%)<br>1    | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| Dermatitis<br>subjects affected / exposed<br>occurrences (all)                      | 1 / 13 (7.69%)<br>1    | 1 / 15 (6.67%)<br>1   | 1 / 10 (10.00%)<br>1 |
| Dermatitis atopic<br>subjects affected / exposed<br>occurrences (all)               | 1 / 13 (7.69%)<br>1    | 1 / 15 (6.67%)<br>1   | 1 / 10 (10.00%)<br>1 |
| Dermatitis diaper<br>subjects affected / exposed<br>occurrences (all)               | 2 / 13 (15.38%)<br>2   | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| Drug eruption<br>subjects affected / exposed<br>occurrences (all)                   | 0 / 13 (0.00%)<br>0    | 0 / 15 (0.00%)<br>0   | 1 / 10 (10.00%)<br>1 |
| Eczema  |                        |                       |                      |

|   |                      |                     |                      |
|---|----------------------|---------------------|----------------------|
| subjects affected / exposed<br>occurrences (all)                        | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>1 | 1 / 10 (10.00%)<br>2 |
| Hyperhidrosis<br>subjects affected / exposed<br>occurrences (all)       | 2 / 13 (15.38%)<br>2 | 1 / 15 (6.67%)<br>1 | 0 / 10 (0.00%)<br>0  |
| Keratosis pilaris<br>subjects affected / exposed<br>occurrences (all)   | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Papule<br>subjects affected / exposed<br>occurrences (all)              | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Perioral dermatitis<br>subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1 | 0 / 10 (0.00%)<br>0  |
| Pruritus<br>subjects affected / exposed<br>occurrences (all)            | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Rash erythematous<br>subjects affected / exposed<br>occurrences (all)   | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Rash maculo-papular<br>subjects affected / exposed<br>occurrences (all) | 3 / 13 (23.08%)<br>4 | 1 / 15 (6.67%)<br>1 | 2 / 10 (20.00%)<br>2 |
| Urticaria<br>subjects affected / exposed<br>occurrences (all)           | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>1 | 0 / 10 (0.00%)<br>0  |
| Renal and urinary disorders   |                      |                     |                      |
| Calculus urinary<br>subjects affected / exposed<br>occurrences (all)    | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Dysuria<br>subjects affected / exposed<br>occurrences (all)             | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0 | 0 / 10 (0.00%)<br>0  |
| Hypercalciuria<br>subjects affected / exposed<br>occurrences (all)      | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0 | 1 / 10 (10.00%)<br>1 |

|   |                 |                |                 |
|---|-----------------|----------------|-----------------|
| Ketonuria                                       |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 3 / 10 (30.00%) |
| occurrences (all)                               | 0               | 2              | 7               |
| Leukocyturia                                    |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 2              | 2               |
| Nephrocalcinosis                                |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 1               | 0              | 0               |
| Nephrolithiasis                                 |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 1               | 0              | 0               |
| Nephroptosis                                    |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0              | 1               |
| Proteinuria                                     |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0              | 1               |
| Pyelocaliectasis                                |                 |                |                 |
| subjects affected / exposed                     | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)                               | 0               | 0              | 1               |
| Urinary retention                               |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 1               | 0              | 0               |
| Endocrine disorders                             |                 |                |                 |
| Hyperthyroidism                                 |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 1               | 0              | 0               |
| Musculoskeletal and connective tissue disorders |                 |                |                 |
| Joint swelling                                  |                 |                |                 |
| subjects affected / exposed                     | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 1               | 0              | 0               |
| Arthralgia                                      |                 |                |                 |
| subjects affected / exposed                     | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                               | 2               | 0              | 0               |
| Deformity thorax                                |                 |                |                 |

|                             |                 |                 |                 |
|-----------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0               | 1               |
| Flank pain                  |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Foot deformity              |                 |                 |                 |
| subjects affected / exposed | 3 / 13 (23.08%) | 1 / 15 (6.67%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 3               | 1               | 1               |
| Fracture pain               |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Joint contracture           |                 |                 |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0               | 1               |
| Muscular weakness           |                 |                 |                 |
| subjects affected / exposed | 4 / 13 (30.77%) | 0 / 15 (0.00%)  | 2 / 10 (20.00%) |
| occurrences (all)           | 10              | 0               | 2               |
| Osteolysis                  |                 |                 |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Osteopenia                  |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Osteoporosis                |                 |                 |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 2               | 0               | 0               |
| Pain in extremity           |                 |                 |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 2               | 0               | 0               |
| Rib deformity               |                 |                 |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 0               | 0               |
| Scoliosis                   |                 |                 |                 |
| subjects affected / exposed | 5 / 13 (38.46%) | 3 / 15 (20.00%) | 4 / 10 (40.00%) |
| occurrences (all)           | 5               | 3               | 4               |
| Musculoskeletal chest pain  |                 |                 |                 |

|  |                      |                       |                      |
|--|----------------------|-----------------------|----------------------|
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Infections and infestations</b>               |                      |                       |                      |
| <b>Bronchitis</b>                                |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>6  | 8 / 15 (53.33%)<br>10 | 5 / 10 (50.00%)<br>9 |
| <b>Asymptomatic COVID-19</b>                     |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0   | 1 / 10 (10.00%)<br>1 |
| <b>Bacterial disease carrier</b>                 |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Bacterial rhinitis</b>                        |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1   | 0 / 10 (0.00%)<br>0  |
| <b>Gastroenteritis norovirus</b>                 |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Gastroenteritis viral</b>                     |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 2 / 13 (15.38%)<br>2 | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Gastrointestinal infection</b>                |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 1 / 10 (10.00%)<br>1 |
| <b>Hordeolum</b>                                 |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Infected bite</b>                             |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>4  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Infection</b>                                 |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |
| <b>Klebsiella infection</b>                      |                      |                       |                      |
| subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0   | 0 / 10 (0.00%)<br>0  |

|   |                      |                      |                      |
|---|----------------------|----------------------|----------------------|
| Bronchitis bacterial<br>subjects affected / exposed<br>occurrences (all)      | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| COVID-19<br>subjects affected / exposed<br>occurrences (all)                  | 1 / 13 (7.69%)<br>1  | 2 / 15 (13.33%)<br>2 | 0 / 10 (0.00%)<br>0  |
| Candida infection<br>subjects affected / exposed<br>occurrences (all)         | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Cellulitis<br>subjects affected / exposed<br>occurrences (all)                | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Conjunctivitis<br>subjects affected / exposed<br>occurrences (all)            | 2 / 13 (15.38%)<br>2 | 3 / 15 (20.00%)<br>5 | 2 / 10 (20.00%)<br>2 |
| Cystitis<br>subjects affected / exposed<br>occurrences (all)                  | 1 / 13 (7.69%)<br>1  | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Cytomegalovirus infection<br>subjects affected / exposed<br>occurrences (all) | 0 / 13 (0.00%)<br>0  | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0  |
| Dermatitis infected<br>subjects affected / exposed<br>occurrences (all)       | 0 / 13 (0.00%)<br>0  | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1 |
| Ear infection<br>subjects affected / exposed<br>occurrences (all)             | 3 / 13 (23.08%)<br>8 | 1 / 15 (6.67%)<br>1  | 1 / 10 (10.00%)<br>1 |
| Ear infection viral<br>subjects affected / exposed<br>occurrences (all)       | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Eye infection<br>subjects affected / exposed<br>occurrences (all)             | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |
| Folliculitis<br>subjects affected / exposed<br>occurrences (all)              | 1 / 13 (7.69%)<br>1  | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0  |

|                               |                 |                 |                 |
|-------------------------------|-----------------|-----------------|-----------------|
| Fungal skin infection         |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 0               | 0               |
| Gastroenteritis               |                 |                 |                 |
| subjects affected / exposed   | 5 / 13 (38.46%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 6               | 0               | 0               |
| Medical device site infection |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 0               | 0               |
| Staphylococcal infection      |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 0               | 0               |
| Oral candidiasis              |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 1               | 0               |
| Oral fungal infection         |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 0               | 0               |
| Otitis externa                |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 2               | 1               | 0               |
| Otitis media                  |                 |                 |                 |
| subjects affected / exposed   | 4 / 13 (30.77%) | 1 / 15 (6.67%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 6               | 1               | 1               |
| Otitis media acute            |                 |                 |                 |
| subjects affected / exposed   | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)             | 0               | 0               | 1               |
| Pharyngitis                   |                 |                 |                 |
| subjects affected / exposed   | 0 / 13 (0.00%)  | 2 / 15 (13.33%) | 0 / 10 (0.00%)  |
| occurrences (all)             | 0               | 2               | 0               |
| Pneumonia                     |                 |                 |                 |
| subjects affected / exposed   | 5 / 13 (38.46%) | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 8               | 2               | 0               |
| Pseudomonas infection         |                 |                 |                 |
| subjects affected / exposed   | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)             | 1               | 0               | 0               |

|                                       |                 |                 |                 |
|---------------------------------------|-----------------|-----------------|-----------------|
| Pyuria                                |                 |                 |                 |
| subjects affected / exposed           | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 1               | 0               | 0               |
| Rash pustular                         |                 |                 |                 |
| subjects affected / exposed           | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 0               | 1               | 0               |
| Respiratory syncytial virus infection |                 |                 |                 |
| subjects affected / exposed           | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 1               | 0               | 0               |
| Respiratory tract infection           |                 |                 |                 |
| subjects affected / exposed           | 4 / 13 (30.77%) | 3 / 15 (20.00%) | 3 / 10 (30.00%) |
| occurrences (all)                     | 17              | 3               | 3               |
| Respiratory tract infection viral     |                 |                 |                 |
| subjects affected / exposed           | 2 / 13 (15.38%) | 1 / 15 (6.67%)  | 2 / 10 (20.00%) |
| occurrences (all)                     | 2               | 1               | 2               |
| Rhinitis                              |                 |                 |                 |
| subjects affected / exposed           | 6 / 13 (46.15%) | 4 / 15 (26.67%) | 2 / 10 (20.00%) |
| occurrences (all)                     | 13              | 12              | 2               |
| Rhinovirus infection                  |                 |                 |                 |
| subjects affected / exposed           | 2 / 13 (15.38%) | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 4               | 0               | 0               |
| Roseola                               |                 |                 |                 |
| subjects affected / exposed           | 0 / 13 (0.00%)  | 1 / 15 (6.67%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 0               | 1               | 0               |
| Skin bacterial infection              |                 |                 |                 |
| subjects affected / exposed           | 0 / 13 (0.00%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                     | 0               | 0               | 1               |
| Skin infection                        |                 |                 |                 |
| subjects affected / exposed           | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 0 / 10 (0.00%)  |
| occurrences (all)                     | 1               | 0               | 0               |
| Nasopharyngitis                       |                 |                 |                 |
| subjects affected / exposed           | 5 / 13 (38.46%) | 6 / 15 (40.00%) | 0 / 10 (0.00%)  |
| occurrences (all)                     | 9               | 8               | 0               |
| Tonsillitis                           |                 |                 |                 |
| subjects affected / exposed           | 1 / 13 (7.69%)  | 0 / 15 (0.00%)  | 1 / 10 (10.00%) |
| occurrences (all)                     | 1               | 0               | 1               |

|   |                       |                      |                       |
|---|-----------------------|----------------------|-----------------------|
| Upper respiratory tract infection<br>subjects affected / exposed<br>occurrences (all)       | 7 / 13 (53.85%)<br>34 | 3 / 15 (20.00%)<br>5 | 4 / 10 (40.00%)<br>11 |
| Urethritis<br>subjects affected / exposed<br>occurrences (all)                              | 0 / 13 (0.00%)<br>0   | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0   |
| Urinary tract infection<br>subjects affected / exposed<br>occurrences (all)                 | 6 / 13 (46.15%)<br>20 | 2 / 15 (13.33%)<br>2 | 2 / 10 (20.00%)<br>6  |
| Varicella<br>subjects affected / exposed<br>occurrences (all)                               | 1 / 13 (7.69%)<br>1   | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0   |
| Viral infection<br>subjects affected / exposed<br>occurrences (all)                         | 0 / 13 (0.00%)<br>0   | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Viral upper respiratory tract infection<br>subjects affected / exposed<br>occurrences (all) | 1 / 13 (7.69%)<br>1   | 0 / 15 (0.00%)<br>0  | 2 / 10 (20.00%)<br>2  |
| Vulvitis<br>subjects affected / exposed<br>occurrences (all)                                | 0 / 13 (0.00%)<br>0   | 1 / 15 (6.67%)<br>1  | 0 / 10 (0.00%)<br>0   |
| <b>Metabolism and nutrition disorders</b>   |                       |                      |                       |
| Feeding disorder<br>subjects affected / exposed<br>occurrences (all)                        | 1 / 13 (7.69%)<br>1   | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Failure to thrive<br>subjects affected / exposed<br>occurrences (all)                       | 0 / 13 (0.00%)<br>0   | 1 / 15 (6.67%)<br>1  | 2 / 10 (20.00%)<br>2  |
| Feeding intolerance<br>subjects affected / exposed<br>occurrences (all)                     | 0 / 13 (0.00%)<br>0   | 0 / 15 (0.00%)<br>0  | 1 / 10 (10.00%)<br>1  |
| Fluid intake reduced<br>subjects affected / exposed<br>occurrences (all)                    | 1 / 13 (7.69%)<br>1   | 0 / 15 (0.00%)<br>0  | 0 / 10 (0.00%)<br>0   |
| Hyperglycaemia  |                       |                      |                       |

|                             |                 |                |                 |
|-----------------------------|-----------------|----------------|-----------------|
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Hypoalbuminaemia            |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 0               | 1              | 0               |
| Hypoglycaemia               |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 1 / 15 (6.67%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 1               | 4              | 0               |
| Hyponatraemia               |                 |                |                 |
| subjects affected / exposed | 1 / 13 (7.69%)  | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 2               | 0              | 0               |
| Hypophagia                  |                 |                |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 0 / 10 (0.00%)  |
| occurrences (all)           | 3               | 0              | 0               |
| Iron deficiency             |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 0               | 0              | 1               |
| Malnutrition                |                 |                |                 |
| subjects affected / exposed | 0 / 13 (0.00%)  | 1 / 15 (6.67%) | 2 / 10 (20.00%) |
| occurrences (all)           | 0               | 1              | 2               |
| Decreased appetite          |                 |                |                 |
| subjects affected / exposed | 2 / 13 (15.38%) | 0 / 15 (0.00%) | 1 / 10 (10.00%) |
| occurrences (all)           | 4               | 0              | 1               |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment  |
|------------------|--|
| 28 November 2014 | Clarified the phases of the study, the sequential enrollment of subjects into the cohorts. Provided clarification on the safety monitoring of the subjects after they received their first dose of study treatment. Correction of the study phase from Phase II to Phase I/II  |
| 27 February 2015 | Clarified the exclusion criteria, the dose limiting toxicities and the provisional dose levels. Revised the criteria for interruption and re-initiation of branaplam treatment based on the revision of the dose limiting toxicity (DLT) criteria.   |
| 30 November 2015 | Implemented additional safety measures following an urgent safety measures (USM). Ophthalmologic monitoring was added as part of the safety monitoring plan. Implemented requests for modification from the independent data monitoring committee (DMC) following their review of the clinical safety data. Added a different and much less burdensome assessment to evaluate respiratory function, measurement of chest circumference during quiet breathing. Plans to increase the total number of subjects to be enrolled in Part 1 of the study up to approximately 30.  |
| 31 March 2016    | Implemented additional cardiac monitoring following a second USM. Exclusion criterion #10 was expanded to exclude a broader range of cardiac disease. Dose modification rules were added for cardiac disorders and hypertension. Two higher dose levels (120 mg/m <sup>2</sup> and 240 mg/m <sup>2</sup> ), which exceeded the available preclinical toxicology exposure were removed. Measurement of quadriceps muscle thickness by ultrasound and the evaluation of exploratory biomarkers in hair and in urine were removed.  |
| 31 August 2016   | Implemented additional safety monitoring following a third USM. Reduction of the Weekly dose of branaplam administered to all subjects having completed the initial 13 Weeks of treatment to 6 mg/m <sup>2</sup> . Addition of two following safety endpoints: neurologic examination and neurophysiologic examination to the primary objective. Correction of a discrepancy in secondary objective which indicated that branaplam pharmacokinetics were evaluated in serum instead of plasma samples. The CMAP which used to be optional was amended as mandatory for all subjects enrolled in the study.   |
| 28 April 2017    | Implemented to allow resumption of enrollment in the ongoing study as agreed by the independent DMC. Part 2 of the study was modified to obtain additional safety and efficacy data with oral administration of up to 3 dose levels of branaplam, already tested in Part 1. Part 2 was to enroll approximately 30 subjects. The age of subjects at screening was restricted to 180 days of age. A minimum CHOP INTEND score of 15 was required at baseline and subjects were required to be able to feed orally for all nutritional needs and be greater than the 2nd percentile for weight on the standard growth curves for the country of origin. |
| 29 December 2017 | Implemented in all countries where the study was being conducted the changes made based on the request of the German Health Authority during their review of the Amended Protocol version v06. Added criteria used to decide interrupting and re-initiating treatment with branaplam in the event of thrombocytosis. The name of the Novartis department where serious adverse events (SAEs) need to be sent was changed. Updated Appendix 16.1.1-Protocol-Table 6-2 to include the dose conversion from BSA to weight for doses in Part 1 of the study.   |

|                  |   |
|------------------|---|
| 31 October 2018  | Ensured that the studied doses were clinically distinguishable and more efficiently investigated the branaplam dose-response relationship in conjunction with the data generated in Part 1. Several modifications to the inclusion and exclusion criteria. Clarified that Part 1 subjects followed the Extended treatment Schedule of Assessment and subjects enrolled in Part 2 could receive study treatment in a separate protocol.  |
| 30 April 2019    | Provided subjects from Part 1 and Part 2 of this protocol the possibility for continuous treatment and long-term safety and efficacy follow up in the newly added Part 3 of the study. Study description for Part 3 provided. Eliminated assessments that were present in Parts 1 and 2 and which were not necessary for Part 3. Revised efficacy endpoints (CHOP INTEND to be collected up to 3 years of age, i.e. 36 months). Clarified and simplified the process of branaplam administration at home. |
| 28 February 2020 | Clarified the frequency of ophthalmology assessments in Part 3 of the study. Updated the possibility to have a dose increase to 2.5 mg/kg in Part 3 for subjects treated with 0.625 mg/kg dose from Part 2, if no further improvement becomes evident, or in case of disease progression at the discretion of investigator and after consultation with the sponsor.   |

Notes:

### **Interruptions (globally)**

Were there any global interruptions to the trial? No

### **Limitations and caveats**

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

|  |
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| Due to EudraCT system limitations, which EMA is aware of, data using 999 as data points in this record are not an accurate representation of the clinical trial results. |
|--|

Notes: