



Clinical trial results:

A prospective, double blind, randomized, placebo-controlled clinical trial of intracoronary infusion of immunoselected, bone marrow-derived Stro3 mesenchymal precursor cells (MPC) in the treatment of patients with ST-elevation myocardial infarction

Summary

| | |
|--------------------------|----------------------------------|
| EudraCT number | 2010-020497-41 |
| Trial protocol | GB BE NL DK SE CZ AT PL IT ES PT |
| Global end of trial date | 06 April 2021 |

Results information

| | |
|--------------------------------|------------------|
| Result version number | v1 (current) |
| This version publication date | 25 February 2023 |
| First version publication date | 25 February 2023 |

Trial information

Trial identification

| | |
|-----------------------|---------------|
| Sponsor protocol code | ANG.AMI-IC001 |
|-----------------------|---------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT01781390 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Mesoblast, Inc. |
| Sponsor organisation address | 5 New Street Square, London, United Kingdom, EC4A 3TW |
| Public contact | Clinical Trials Information, Mesoblast Limited , +61 396396036, clinical@mesoblast.com |
| Scientific contact | Clinical Trials Information, Mesoblast Limited , +61 396396036, clinical@mesoblast.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

Results analysis stage

| | |
|--|---------------|
| Analysis stage | Final |
| Date of interim/final analysis | 06 April 2021 |
| Is this the analysis of the primary completion data? | No |

| | |
|----------------------------------|---------------|
| Global end of trial reached? | Yes |
| Global end of trial date | 06 April 2021 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective of this study is to determine the safety and feasibility of intracoronary allogeneic, immuno-selected, bone marrow-derived Stro3 mesenchymal precursor cell (MPC) delivery in the treatment of subjects with ST-elevation myocardial infarction (STEMI) undergoing primary percutaneous coronary intervention of the left anterior descending coronary artery (LAD).

Protection of trial subjects:

The study was conducted in accordance with the ethical principles stated in the Declaration of Helsinki and the International Council on Harmonization (ICH) Guideline for Good Clinical Practice (GCP). In addition, the study was overseen by an Independent Data and Safety Monitoring Board.

Background therapy: -

Evidence for comparator: -

| | |
|---|---------------|
| Actual start date of recruitment | 11 March 2013 |
| 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 | Netherlands: 3 |
| Country: Number of subjects enrolled | Poland: 23 |
| Country: Number of subjects enrolled | Portugal: 3 |
| Country: Number of subjects enrolled | Spain: 2 |
| Country: Number of subjects enrolled | Sweden: 25 |
| Country: Number of subjects enrolled | United Kingdom: 10 |
| Country: Number of subjects enrolled | Australia: 11 |
| Country: Number of subjects enrolled | New Zealand: 2 |
| Country: Number of subjects enrolled | Czechia: 19 |
| Country: Number of subjects enrolled | Denmark: 5 |
| Worldwide total number of subjects | 103 |
| EEA total number of subjects | 80 |

Notes:

Subjects enrolled per age group

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

| | |
|--|----|
| wk | |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |
| Adults (18-64 years) | 66 |
| From 65 to 84 years | 37 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

Subjects with a diagnosis of ST-elevation myocardial infarction were randomized in 1:1:1 to receive either 12.5 Million or 25 Million MPCs or placebo (saline).

Pre-assignment period milestones

| | |
|------------------------------|--------------------|
| Number of subjects started | 106 ^[1] |
| Number of subjects completed | 103 |

Pre-assignment subject non-completion reasons

| | |
|----------------------------|---|
| Reason: Number of subjects | Subjects who were Randomized and Not Treated: 3 |
|----------------------------|---|

Notes:

[1] - The number of subjects reported to have started the pre-assignment period are not the same as the worldwide number enrolled in the trial. It is expected that these numbers will be the same.

Justification: 106 subjects were randomized in the study out of which 3 subjects were not treated.

Period 1

| | |
|------------------------------|--|
| Period 1 title | Overall Study (overall period) |
| Is this the baseline period? | Yes |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator, Carer, Assessor |

Arms

| | |
|------------------------------|---------|
| Are arms mutually exclusive? | Yes |
| Arm title | Placebo |

Arm description:

Subjects received matching-placebo solution 2 milliliters per minute (mL/min) infused intracoronary for 60 min including line flush [0 Mesenchymal Precursor Cells (MPCs)/min] on Day 0.

| | |
|--|-------------------|
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Infusion |
| Routes of administration | Intracoronary use |

Dosage and administration details:

Matching-placebo solution 2 milliliter per minute (mL/min) infused Intracoronary.

| | |
|-----------|--|
| Arm title | Mesenchymal Precursor Cells (MPC) 12.5 M |
|-----------|--|

Arm description:

Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (2.5x10⁵ MPCs/min) on Day 0.

| | |
|--|-----------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Mesenchymal Precursor Cells (MPC) |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Infusion |
| Routes of administration | Intracoronary use |

Dosage and administration details:

MPC 12.5 solution 2 mL/min infused Intracoronary for 60 min

| | |
|------------------|--|
| Arm title | Mesenchymal Precursor Cells (MPC) 25 M |
|------------------|--|

Arm description:

Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (5.0×10^5 MPCs/min) on Day 0.

| | |
|--|-----------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Mesenchymal Precursor Cells (MPC) |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Infusion |
| Routes of administration | Intracoronary use |

Dosage and administration details:

MPC 25 solution 2 mL/min infused Intracoronary for 60 min

| Number of subjects in period 1 | Placebo | Mesenchymal Precursor Cells (MPC) 12.5 M | Mesenchymal Precursor Cells (MPC) 25 M |
|--------------------------------|---------|--|--|
| | | | |
| Started | 34 | 34 | 35 |
| Completed | 32 | 28 | 32 |
| Not completed | 2 | 6 | 3 |
| Withdrawal of Consent | - | 3 | 1 |
| Adverse Event | 1 | 2 | 1 |
| Lost to follow-up | 1 | 1 | 1 |

Baseline characteristics

Reporting groups

| | |
|--|--|
| Reporting group title | Placebo |
| Reporting group description: Subjects received matching-placebo solution 2 milliliters per minute (mL/min) infused intracoronary for 60 min including line flush [0 Mesenchymal Precursor Cells (MPCs)/min] on Day 0. | |
| Reporting group title | Mesenchymal Precursor Cells (MPC) 12.5 M |
| Reporting group description: Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (2.5x10 ⁵ MPCs/min) on Day 0. | |
| Reporting group title | Mesenchymal Precursor Cells (MPC) 25 M |
| Reporting group description: Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (5.0x10 ⁵ MPCs/min) on Day 0. | |

| Reporting group values | Placebo | Mesenchymal Precursor Cells (MPC) 12.5 M | Mesenchymal Precursor Cells (MPC) 25 M |
|---|---------|--|--|
| Number of subjects | 34 | 34 | 35 |
| Age categorical Units: Subjects | | | |
| In utero Preterm newborn infants (gestational age < 37 wks) Newborns (0-27 days) Infants and toddlers (28 days-23 months) Children (2-11 years) Adolescents (12-17 years) Adults (18-64 years) From 65-84 years 85 years and over | | | |
| Age continuous Units: years | | | |
| arithmetic mean | 61.3 | 60.7 | 57.6 |
| standard deviation | ± 9.79 | ± 13.11 | ± 12.12 |
| Gender categorical Units: Subjects | | | |
| Female | 7 | 2 | 8 |
| Male | 27 | 32 | 27 |
| Ethnicity Units: Subjects | | | |
| Hispanic or Latino | 1 | 1 | 0 |
| Not Hispanic or Latino | 33 | 33 | 35 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Race Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | 0 |
| Asian | 1 | 0 | 0 |
| Native Hawaiian or Other Pacific Islander | 0 | 0 | 0 |

| | | | |
|---|-----------|-----------|-----------|
| Black or African American | 0 | 0 | 0 |
| White | 33 | 33 | 34 |
| More than one race | 0 | 0 | 0 |
| Unknown or Not Reported | 0 | 1 | 1 |
| Left Ventricular (LV) End-systolic Volume (LVESV) as Assessed by Cardiac MRI | | | |
| Full analysis population included all subjects who were randomized, underwent PCI and had infusion of study product initiated as randomized. Number analyzed are the number of subjects with data available for LVESV at Baseline. Baseline is defined as value measured at Day 2 to 4. | | | |
| Units: milliliter (ml) | | | |
| arithmetic mean | 85.544 | 91.728 | 92.163 |
| standard deviation | ± 34.8935 | ± 30.4476 | ± 33.1251 |

| | | | |
|--|-------|--|--|
| Reporting group values | Total | | |
| Number of subjects | 103 | | |
| Age categorical | | | |
| Units: Subjects | | | |
| In utero | 0 | | |
| Preterm newborn infants (gestational age < 37 wks) | 0 | | |
| Newborns (0-27 days) | 0 | | |
| Infants and toddlers (28 days-23 months) | 0 | | |
| Children (2-11 years) | 0 | | |
| Adolescents (12-17 years) | 0 | | |
| Adults (18-64 years) | 0 | | |
| From 65-84 years | 0 | | |
| 85 years and over | 0 | | |
| Age continuous | | | |
| Units: years | | | |
| arithmetic mean | | | |
| standard deviation | - | | |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 17 | | |
| Male | 86 | | |
| Ethnicity | | | |
| Units: Subjects | | | |
| Hispanic or Latino | 2 | | |
| Not Hispanic or Latino | 101 | | |
| Unknown or Not Reported | 0 | | |
| Race | | | |
| Units: Subjects | | | |
| American Indian or Alaska Native | 0 | | |
| Asian | 1 | | |
| Native Hawaiian or Other Pacific Islander | 0 | | |
| Black or African American | 0 | | |
| White | 100 | | |
| More than one race | 0 | | |
| Unknown or Not Reported | 2 | | |

| | | | |
|---|---|--|--|
| Left Ventricular (LV) End-systolic Volume (LVESV) as Assessed by Cardiac MRI | | | |
| Full analysis population included all subjects who were randomized, underwent PCI and had infusion of study product initiated as randomized. Number analyzed are the number of subjects with data available for LVESV at Baseline. Baseline is defined as value measured at Day 2 to 4. | | | |
| Units: milliliter (ml) | | | |
| arithmetic mean | | | |
| standard deviation | - | | |

End points

End points reporting groups

| | |
|--|--|
| Reporting group title | Placebo |
| Reporting group description: Subjects received matching-placebo solution 2 milliliters per minute (mL/min) infused intracoronary for 60 min including line flush [0 Mesenchymal Precursor Cells (MPCs)/min] on Day 0. | |
| Reporting group title | Mesenchymal Precursor Cells (MPC) 12.5 M |
| Reporting group description: Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (2.5x10 ⁵ MPCs/min) on Day 0. | |
| Reporting group title | Mesenchymal Precursor Cells (MPC) 25 M |
| Reporting group description: Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (5.0x10 ⁵ MPCs/min) on Day 0. | |

Primary: Number of Subjects With Treatment Emergent Adverse Events (TEAEs) and Serious Adverse Events (SAEs)

| | |
|---|--|
| End point title | Number of Subjects With Treatment Emergent Adverse Events (TEAEs) and Serious Adverse Events (SAEs) ^[1] |
| End point description: The safety set included all randomized subjects who received treatment. | |
| End point type | Primary |
| End point timeframe: Up to approximately 8 years | |

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: No statistical analysis was conducted for this endpoint.

| End point values | Placebo | Mesenchymal Precursor Cells (MPC) 12.5 M | Mesenchymal Precursor Cells (MPC) 25 M | |
|-----------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 34 | 34 | 35 | |
| Units: subjects | | | | |
| TEAEs | 28 | 30 | 31 | |
| SAEs | 14 | 16 | 14 | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Up to approximately 8 years

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 19.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|---------|
| Reporting group title | Placebo |
|-----------------------|---------|

Reporting group description:

Subjects received matching-placebo solution 2 milliliters per minute (mL/min) infused intracoronary for 60 min including line flush [0 Mesenchymal Precursor Cells (MPCs)/min] on Day 0.

| | |
|-----------------------|--|
| Reporting group title | Mesenchymal Precursor Cells (MPC) 12.5 M |
|-----------------------|--|

Reporting group description:

Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (2.5×10^5 MPCs/min) on Day 0.

| | |
|-----------------------|--|
| Reporting group title | Mesenchymal Precursor Cells (MPC) 25 M |
|-----------------------|--|

Reporting group description:

Subjects received MPC 12.5 solution 2 mL/min infused intracoronary for 60 min including line flush (5.0×10^5 MPCs/min) on Day 0.

| Serious adverse events | Placebo | Mesenchymal Precursor Cells (MPC) 12.5 M | Mesenchymal Precursor Cells (MPC) 25 M |
|---|------------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 14 / 34 (41.18%) | 16 / 34 (47.06%) | 14 / 35 (40.00%) |
| number of deaths (all causes) | 0 | 2 | 2 |
| number of deaths resulting from adverse events | 0 | 0 | 0 |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Adenocarcinoma of colon | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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-cell lymphoma | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 1 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal stromal tumour | | | |

| | | | |
|--|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Lymphoma | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Thyroid adenoma | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vascular disorders | | | |
| Hypertension | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| General disorders and administration site conditions | | | |
| Chest pain | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Multiple organ dysfunction syndrome | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Non-cardiac chest pain | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 3 / 35 (8.57%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | 0 / 3 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vascular stent thrombosis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| 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 | | | |
| Pulmonary embolism | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Psychiatric disorders | | | |
| Acute psychosis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Anxiety | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Depression | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Injury, poisoning and procedural complications | | | |
| Accidental overdose | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Head injury | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Overdose | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Tibia fracture | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Wound complication | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Cardiac disorders | | | |
| Acute coronary syndrome | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Acute myocardial infarction | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Angina pectoris | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Angina unstable | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Arteriospasm coronary | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Atrial fibrillation | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Atrioventricular block complete | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 2 / 34 (5.88%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Cardiac failure | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 3 / 34 (8.82%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 3 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cardiac failure acute | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cardiac failure chronic | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Cardiac ventricular thrombosis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 0 / 35 (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 |
| Cardiogenic shock | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Coronary artery disease | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Coronary artery stenosis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Myocardial infarction | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Ventricular tachycardia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Nervous system disorders | | | |
| Cerebrovascular accident | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ischaemic stroke | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Migraine with aura | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Syncope | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Transient ischaemic attack | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Blood and lymphatic system disorders | | | |
| Iron deficiency anaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Renal and urinary disorders | | | |

| | | | |
|---|----------------|----------------|----------------|
| Acute kidney injury | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ureterolithiasis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Musculoskeletal and connective tissue disorders | | | |
| Osteoarthritis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Infections and infestations | | | |
| Diaphragmatic hernia gangrenous | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (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 |
| Intervertebral discitis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |
| Pneumonia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory tract infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Sepsis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (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 |

| | | | |
|---|----------------|----------------|----------------|
| Urosepsis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Metabolism and nutrition disorders | | | |
| Hypovolaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

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

| Non-serious adverse events | Placebo | Mesenchymal Precursor Cells (MPC) 12.5 M | Mesenchymal Precursor Cells (MPC) 25 M |
|---|------------------|--|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 26 / 34 (76.47%) | 30 / 34 (88.24%) | 30 / 35 (85.71%) |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Skin papilloma | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Vascular disorders | | | |
| Hypertension | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 3 / 35 (8.57%) |
| occurrences (all) | 2 | 1 | 3 |
| Hypotension | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 4 / 34 (11.76%) | 1 / 35 (2.86%) |
| occurrences (all) | 2 | 4 | 1 |
| Peripheral coldness | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 4 / 34 (11.76%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 5 | 1 |
| Aortic dilatation | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Peripheral artery aneurysm | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

| | | | |
|---|----------------------|----------------------|---------------------|
| Peripheral artery occlusion subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 0 / 35 (0.00%) 0 |
| Thrombophlebitis subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| General disorders and administration site conditions | | | |
| Catheter site haematoma subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 2 / 34 (5.88%) 2 | 1 / 35 (2.86%) 1 |
| Chest pain subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 1 / 34 (2.94%) 1 | 3 / 35 (8.57%) 4 |
| Fatigue subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 3 | 3 / 34 (8.82%) 5 | 1 / 35 (2.86%) 1 |
| Multiple organ dysfunction syndrome subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Non-cardiac chest pain subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 2 | 6 / 34 (17.65%) 7 | 3 / 35 (8.57%) 4 |
| Oedema peripheral subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 2 / 34 (5.88%) 2 | 2 / 35 (5.71%) 2 |
| Pyrexia subjects affected / exposed occurrences (all) | 5 / 34 (14.71%) 5 | 2 / 34 (5.88%) 2 | 3 / 35 (8.57%) 3 |
| Chest discomfort subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Asthenia subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Medical device site rash | | | |

| | | | |
|--|---------------------|-----------------------|----------------------|
| subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 0 / 35 (0.00%) 0 |
| Pseudophakodonesis subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Reproductive system and breast disorders Erectile dysfunction subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 2 | 0 / 34 (0.00%) 0 | 2 / 35 (5.71%) 2 |
| Respiratory, thoracic and mediastinal disorders Dysphonia subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 2 | 0 / 34 (0.00%) 0 | 0 / 35 (0.00%) 0 |
| Rales subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 3 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Cough subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 3 | 2 / 34 (5.88%) 2 | 5 / 35 (14.29%) 5 |
| Dyspnoea subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 2 | 8 / 34 (23.53%) 11 | 2 / 35 (5.71%) 3 |
| Epistaxis subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 2 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Asthma subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 4 | 0 / 35 (0.00%) 0 |
| Dyspnoea exertional subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Sleep apnoea syndrome subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Pleural effusion | | | |

| | | | |
|--------------------------------|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Productive cough | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Pulmonary congestion | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Respiratory failure | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Respiratory tract inflammation | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Rhinorrhoea | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Psychiatric disorders | | | |
| Anxiety | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 2 / 34 (5.88%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 2 | 1 |
| Insomnia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 2 / 35 (5.71%) |
| occurrences (all) | 1 | 1 | 2 |
| Claustrophobia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Confusional state | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Depression | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Initial insomnia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

| | | | |
|--|----------------|----------------|----------------|
| Investigations | | | |
| Blood triglycerides increased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 0 | 2 |
| Cardiac murmur | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Electrocardiogram ST segment elevation | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Haemoglobin decreased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Blood creatinine increased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Body temperature increased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| C-reactive protein increased | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Ejection fraction decreased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Electrocardiogram T wave normal | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Gastric pH decreased | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Heart rate irregular | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Inflammatory marker increased | | | |

| | | | |
|--|-----------------|----------------|----------------|
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Liver function test increased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Monoclonal immunoglobulin present | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Platelet count increased | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Vitamin B12 decreased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Weight decreased | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Injury, poisoning and procedural complications | | | |
| Contusion | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 2 | 0 |
| Post procedural haematoma | | | |
| subjects affected / exposed | 4 / 34 (11.76%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 4 | 1 | 0 |
| Arthropod sting | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hand fracture | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Radius fracture | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Rib fracture | | | |

| | | | |
|--|---------------------|----------------------|---------------------|
| subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Road traffic accident subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Wound subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 |
| Congenital, familial and genetic disorders Congenital cystic kidney disease subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 2 |
| Cardiac disorders Angina pectoris subjects affected / exposed occurrences (all) | 2 / 34 (5.88%) 3 | 3 / 34 (8.82%) 3 | 1 / 35 (2.86%) 1 |
| Arteriospasm coronary subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 0 / 35 (0.00%) 0 |
| Atrial fibrillation subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 2 / 34 (5.88%) 2 | 0 / 35 (0.00%) 0 |
| Bradycardia subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 2 / 34 (5.88%) 2 | 2 / 35 (5.71%) 3 |
| Cardiac failure subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 1 / 34 (2.94%) 1 | 3 / 35 (8.57%) 3 |
| Cardiac ventricular thrombosis subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 4 / 34 (11.76%) 4 | 0 / 35 (0.00%) 0 |
| Palpitations subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 3 / 34 (8.82%) 4 | 1 / 35 (2.86%) 1 |
| Pericarditis | | | |

| | | | |
|------------------------------|----------------|----------------|-----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 3 / 35 (8.57%) |
| occurrences (all) | 0 | 1 | 3 |
| Ventricular tachycardia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 3 / 34 (8.82%) | 5 / 35 (14.29%) |
| occurrences (all) | 1 | 7 | 5 |
| Atrial flutter | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 0 | 1 |
| Intracardiac thrombus | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Pericardial effusion | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 0 | 1 |
| Supraventricular tachycardia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 0 | 1 |
| Arrhythmia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Bundle branch block left | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Cardiac aneurysm | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Cardiac failure congestive | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Chronotropic incompetence | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Coronary artery dissection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Dressler's syndrome | | | |

| | | | |
|--------------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Pericardial rub | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Rhythm idioventricular | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Sinus tachycardia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Supraventricular extrasystoles | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Ventricular arrhythmia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Ventricular extrasystoles | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 0 | 2 |
| Nervous system disorders | | | |
| Dizziness | | | |
| subjects affected / exposed | 4 / 34 (11.76%) | 8 / 34 (23.53%) | 5 / 35 (14.29%) |
| occurrences (all) | 5 | 12 | 5 |
| Dizziness postural | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 2 | 0 |
| Headache | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 1 / 34 (2.94%) | 2 / 35 (5.71%) |
| occurrences (all) | 2 | 1 | 2 |
| Lethargy | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 3 / 34 (8.82%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 3 | 1 |
| Presyncope | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 2 | 0 |

| | | | |
|--------------------------------------|----------------|----------------|----------------|
| Hypoaesthesia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Syncope | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 1 | 1 |
| Amnesia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Carpal tunnel syndrome | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Mental impairment | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Sensory disturbance | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Tremor | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Blood and lymphatic system disorders | | | |
| Anaemia | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences (all) | 2 | 2 | 0 |
| Iron deficiency anaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Anaemia macrocytic | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Anaemia vitamin B12 deficiency | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Spontaneous haematoma | | | |

| | | | |
|---|--|---|--|
| subjects affected / exposed occurrences (all) | 1 / 34 (2.94%) 1 | 0 / 34 (0.00%) 0 | 0 / 35 (0.00%) 0 |
| Ear and labyrinth disorders Tinnitus subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Eye disorders Vision blurred subjects affected / exposed occurrences (all) Cataract subjects affected / exposed occurrences (all) Macular degeneration subjects affected / exposed occurrences (all) Periorbital oedema subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 1 / 34 (2.94%) 1 0 / 34 (0.00%) 0 0 / 34 (0.00%) 0 | 2 / 34 (5.88%) 2 0 / 34 (0.00%) 0 0 / 34 (0.00%) 0 1 / 34 (2.94%) 1 | 0 / 35 (0.00%) 0 0 / 35 (0.00%) 0 1 / 35 (2.86%) 1 0 / 35 (0.00%) 0 |
| Gastrointestinal disorders Abdominal pain subjects affected / exposed occurrences (all) Constipation subjects affected / exposed occurrences (all) Diarrhoea subjects affected / exposed occurrences (all) Gastrooesophageal reflux disease subjects affected / exposed occurrences (all) Nausea subjects affected / exposed occurrences (all) Vomiting | 1 / 34 (2.94%) 1 1 / 34 (2.94%) 1 4 / 34 (11.76%) 4 0 / 34 (0.00%) 0 1 / 34 (2.94%) 1 | 2 / 34 (5.88%) 2 5 / 34 (14.71%) 5 3 / 34 (8.82%) 3 2 / 34 (5.88%) 4 5 / 34 (14.71%) 5 | 2 / 35 (5.71%) 2 1 / 35 (2.86%) 1 5 / 35 (14.29%) 5 0 / 35 (0.00%) 0 3 / 35 (8.57%) 4 |

| | | | |
|------------------------------------|----------------|----------------|----------------|
| subjects affected / exposed | 2 / 34 (5.88%) | 2 / 34 (5.88%) | 3 / 35 (8.57%) |
| occurrences (all) | 3 | 2 | 3 |
| Dyspepsia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 1 | 1 |
| Abdominal discomfort | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 0 | 1 |
| Abdominal pain upper | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Abdominal hernia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Abdominal pain lower | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Bowel movement irregularity | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Chronic gastritis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Eructation | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Flatulence | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Gastrointestinal motility disorder | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Gingival bleeding | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Haematochezia | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Rectal spasm | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Hepatobiliary disorders | | | |
| Cholelithiasis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hepatic failure | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hepatic steatosis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Liver disorder | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Skin and subcutaneous tissue disorders | | | |
| Cold sweat | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Dermatitis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hyperhidrosis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Palmar-plantar erythrodysaesthesia syndrome | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Rash | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Renal and urinary disorders | | | |

| | | | |
|------------------------------|----------------|----------------|----------------|
| Dysuria | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 3 / 35 (8.57%) |
| occurrences (all) | 0 | 0 | 3 |
| Lower urinary tract symptoms | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 2 | 0 |
| Urinary retention | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Chronic kidney disease | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Haematuria | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Nephrolithiasis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Proteinuria | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Renal cyst | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Renal failure | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Strangury | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Ureterolithiasis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Endocrine disorders | | | |
| Hyperthyroidism | | | |

| | | | |
|--|---------------------|---------------------|---------------------|
| subjects affected / exposed occurrences (all) | 0 / 34 (0.00%) 0 | 0 / 34 (0.00%) 0 | 1 / 35 (2.86%) 1 |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 4 / 35 (11.43%) |
| occurrences (all) | 0 | 1 | 5 |
| Muscle spasms | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 2 | 1 | 1 |
| Musculoskeletal chest pain | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 2 | 3 |
| Musculoskeletal pain | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 4 / 34 (11.76%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 4 | 1 |
| Myalgia | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 2 | 1 | 0 |
| Pain in extremity | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 2 / 35 (5.71%) |
| occurrences (all) | 1 | 0 | 4 |
| Arthralgia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 1 | 1 | 1 |
| Costochondritis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Musculoskeletal discomfort | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Neck pain | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Rheumatoid arthritis | | | |

| | | | |
|-----------------------------------|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Spinal pain | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 2 |
| Tendonitis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Infections and infestations | | | |
| Influenza | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 2 | 1 | 1 |
| Lower respiratory tract infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 3 / 35 (8.57%) |
| occurrences (all) | 0 | 3 | 4 |
| Nasopharyngitis | | | |
| subjects affected / exposed | 3 / 34 (8.82%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 3 | 0 | 1 |
| Pneumonia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 2 / 34 (5.88%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 2 | 1 |
| Respiratory tract infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 1 | 2 |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 0 | 2 |
| Urinary tract infection | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 3 / 34 (8.82%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 4 | 0 |
| Bronchitis | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Acute sinusitis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

| | | | |
|------------------------------------|----------------|----------------|----------------|
| Campylobacter infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Corona virus infection | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Eye infection | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Gastroenteritis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Herpes zoster | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Lung infection | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Onychomycosis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Otitis media | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Pertussis | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Metabolism and nutrition disorders | | | |
| Dyslipidaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 2 / 35 (5.71%) |
| occurrences (all) | 0 | 0 | 2 |
| Hypokalaemia | | | |
| subjects affected / exposed | 2 / 34 (5.88%) | 1 / 34 (2.94%) | 1 / 35 (2.86%) |
| occurrences (all) | 2 | 1 | 1 |
| Decreased appetite | | | |

| | | | |
|-----------------------------|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Dehydration | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Diabetes mellitus | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Gout | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Hypercholesterolaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hyperglycaemia | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Hyperlipidaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Hypoalbuminaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hypoproteinaemia | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 1 / 34 (2.94%) | 0 / 35 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Lactose intolerance | | | |
| subjects affected / exposed | 0 / 34 (0.00%) | 0 / 34 (0.00%) | 1 / 35 (2.86%) |
| occurrences (all) | 0 | 0 | 1 |
| Type 2 diabetes mellitus | | | |
| subjects affected / exposed | 1 / 34 (2.94%) | 0 / 34 (0.00%) | 0 / 35 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-------------------|--|
| 10 February 2012 | The purpose of the amendment was to refine assessments, include additional events captured as Major adverse cardiac and cerebrovascular events(MACCE) to be consistent with the CEC adjudication process, clarification of AE description of the Severity and changing Causality to a binary assessment. Clarification on feasibility endpoint was also made. |
| 24 April 2012 | The purpose of the amendment was to remove termination conditions outlined in section 4.4, early termination of study and in Section 12.8 termination of study. |
| 21 May 2012 | The purpose of the amendment was to revise wording with respect to early termination of the study. |
| 07 September 2012 | The purpose of the amendment was to refine timing and type of assessments, including ECHO, ECG, Troponins, Serum Pregnancy Test, and AEs. Added footnotes to Table 2. Replaced conditions for conducting cardiac MRI at Early Termination Visit. Updated data on Human Clinical Studies. Clarified infusion time of allogeneic MPCs. Revised the frequency of providing adverse event and serious adverse event data to the DSMB. Clarified the protocol assessments and follow-up for subjects who prematurely withdrew from study. Added non-MACCE events that may be reviewed by Clinical Events Committee. |
| 06 August 2013 | The purpose of the amendment was to refine assessments, inclusion / exclusion criteria, modify solution for dilution of the MPCs and placebo. Included requirement of an intracoronary bolus of glyceryl trinitrate (GTN)/ nitroglycerin (NTG) administration prior to the initial infusion of the investigational agent. Changed primary efficacy endpoint. |
| 13 May 2014 | The purpose of the amendment was to add study hypothesis, and revise study assessments, secondary objectives, and primary efficacy endpoint. Timing of Onset of Chest Pain to Initial Balloon Inflation and stratification for randomization balancing was revised. Updated statistical analysis methods for the primary analysis. |
| 01 August 2016 | The purpose of the amendment was to update the rationale for trial size and justification that an interim analysis was not needed and was not to be performed. |
| 11 October 2016 | The purpose of the amendment was to correct the power from 90% to 80%. |
| 04 May 2017 | The purpose of the amendment was to correct power from 90% to 80%. A power of 90% was inadvertently introduced when addressing the assumptions for changing the sample size from 225 to 105 (Protocol v8). |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported