

**Clinical trial results:****A Phase 2a, Randomized, Double-Blind, Placebo-Controlled Trial to Evaluate the Safety, Tolerability and Efficacy of Intravenous Bendavia™ (MTP-131) on Reperfusion Injury in Patients Treated with Standard Therapy Including Primary PCI and Stenting for ST-segment Elevation Myocardial Infarction****Summary**

|                          |                  |
|--------------------------|------------------|
| EudraCT number           | 2011-002824-42   |
| Trial protocol           | HU               |
| Global end of trial date | 10 February 2015 |

**Results information**

|                                   |  |
|-----------------------------------|--|
| Result version number             | v1 (current)                               |
| This version publication date     | 02 August 2020                             |
| First version publication date    | 02 August 2020                             |
| Summary attachment (see zip file) | SPIRI-201 summary (SPIRI-201 summary.docx) |

**Trial information****Trial identification**

|                       |           |
|-----------------------|-----------|
| Sponsor protocol code | SPIRI-201 |
|-----------------------|-----------|

**Additional study identifiers**

|                                    |              |
|------------------------------------|--------------|
| ISRCTN number                      | -            |
| ClinicalTrials.gov id (NCT number) | NCT01572909  |
| WHO universal trial number (UTN)   | -            |
| Other trial identifiers            | IND : 105942 |

Notes:

**Sponsors**

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Stealth BioTherapeutics Inc.   |
| Sponsor organisation address | 275 Grove Street, Suite 3-107, Newton, United States, MA 02466   |
| Public contact               | Jim Carr, Pharm.D. Chief Clinical Development Officer, Stealth BioTherapeutics Inc., 001 6176006888 , jim.carr@stealthbt.com |
| Scientific contact           | Jim Carr, Pharm.D. Chief Clinical Development Officer, Stealth BioTherapeutics Inc., 001 6176006888 , jim.carr@stealthbt.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                       | 23 March 2016    |
| Is this the analysis of the primary completion data? | Yes              |
| Primary completion date                              | 10 November 2014 |
| Global end of trial reached?                         | Yes              |
| Global end of trial date                             | 10 February 2015 |
| Was the trial ended prematurely?                     | No               |

Notes:

## General information about the trial

Main objective of the trial:

The main objective of the trial is to evaluate the impact of Bendavia on limiting the size of infarcted myocardium in patients with first time anterior wall ST-segment elevation myocardial infarction (STEMI) who have undergone successful reperfusion using primary percutaneous coronary intervention (PCI) and stenting.

Protection of trial subjects:

Written approval of the protocol, the final informed consent document, relevant supporting material and patient recruitment information were obtained from the independent ethics committee (IEC)/institutional review board (IRB) prior to study initiation.

The study was conducted in accordance with current applicable regulations, ICH guidelines and local legal requirements. Conduct of the trial complied with the principles that have their origins in the Declaration of Helsinki with emphasis on informed consent and maximizing participant safety.

Background therapy:

Standard-of-care therapy for reduction of reperfusion injury

Evidence for comparator: -

|   |              |
|---|--------------|
| Actual start date of recruitment                          | 21 June 2012 |
| 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 | Poland: 143      |
| Country: Number of subjects enrolled | Germany: 38      |
| Country: Number of subjects enrolled | Hungary: 115     |
| Country: Number of subjects enrolled | United States: 4 |
| Worldwide total number of subjects   | 300              |
| EEA total number of subjects         | 296              |

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)                     | 200 |
| From 65 to 84 years                      | 98  |
| 85 years and over                        | 2   |

## Subject disposition

### Recruitment

Recruitment details:

Adult male and female subjects between the ages of 18 and 85 were recruited at 24 study centers in the United States, Poland, Germany, and Hungary.

### Pre-assignment

Screening details:

Main inclusion criteria: adult males or females aged 18 years or older and less than 85 years old who had undergone PCI plus stenting with the time from onset of symptoms of cardiac ischemia to the time of initial PCI balloon inflation not exceeding 4 hours.

### Period 1

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

### Arms

|                              |        |
|------------------------------|--------|
| Are arms mutually exclusive? | Yes    |
| <b>Arm title</b>             | Active |

Arm description:

Participants received Bendavia (MTP-131) as an IV infusion at 0.05 mg/kg/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

|  |                       |
|--|-----------------------|
| Arm type                               | Active comparator     |
| Investigational medicinal product name | Bendavia™             |
| Investigational medicinal product code |                       |
| Other name                             | MTP-131, Elamipretide |
| Pharmaceutical forms                   | Solution for infusion |
| Routes of administration               | Intravenous use       |

Dosage and administration details:

Bendavia™ was administered intravenously at 0.05 mg/kg/hr at least 15, but no more than 60 minutes, prior to the anticipated time of the PCI, and continued for 1 hour after re-establishment of blood flow through the culprit vessel.

|                  |         |
|------------------|---------|
| <b>Arm title</b> | Placebo |
|------------------|---------|

Arm description:

Participants received placebo as an IV infusion at 60 mL/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

|  |                       |
|--|-----------------------|
| Arm type                               | Placebo               |
| Investigational medicinal product name | Placebo               |
| Investigational medicinal product code |                       |
| Other name                             |                       |
| Pharmaceutical forms                   | Solution for infusion |
| Routes of administration               | Intravenous use       |

Dosage and administration details:

Participants received placebo as an IV infusion at 60 mL/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

| <b>Number of subjects in period 1<sup>[1]</sup></b> | Active | Placebo |
|---|--------|---------|
| Started   | 150    | 147     |
| Completed   | 118    | 122     |
| Not completed                                       | 32     | 25      |
| Infarct, comorbidity, Pt refusal of exam            | -      | 3       |
| Consent withdrawn by subject                        | 12     | 11      |
| Physician decision                                  | 1      | 1       |
| Adverse event, non-fatal                            | 7      | 2       |
| Death   | 3      | 1       |
| Lost to follow-up                                   | 8      | 7       |
| Technical issues                                    | 1      | -       |

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Notes:

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

Justification: Three patients lost between screening and baseline.

## Baseline characteristics

### Reporting groups

|                       |        |
|-----------------------|--------|
| Reporting group title | Active |
|-----------------------|--------|

Reporting group description:

Participants received Bendavia (MTP-131) as an IV infusion at 0.05 mg/kg/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

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

Reporting group description:

Participants received placebo as an IV infusion at 60 mL/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

| Reporting group values | Active | Placebo | Total |
|------------------------|--------|---------|-------|
| Number of subjects     | 150    | 147     | 297   |
| Age categorical        |        |         |       |
| Age category           |        |         |       |
| Units: Subjects        |        |         |       |
| Adults (18-64 years)   | 96     | 101     | 197   |
| From 65-84 years       | 53     | 45      | 98    |
| 85 years and over      | 1      | 1       | 2     |
| Gender categorical     |        |         |       |
| Units: Subjects        |        |         |       |
| Female                 | 45     | 28      | 73    |
| Male                   | 105    | 119     | 224   |

## End points

### End points reporting groups

|  |         |
|--|---------|
| Reporting group title  | Active  |
| Reporting group description:<br>Participants received Bendavia (MTP-131) as an IV infusion at 0.05 mg/kg/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting. |         |
| Reporting group title  | Placebo |
| Reporting group description:<br>Participants received placebo as an IV infusion at 60 mL/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.                 |         |

### Primary: Area Under the Curve (AUC) of Serum Creatine Kinase Isoenzyme Type Muscle-brain (CK-MB)

|  |   |
|--|---|
| End point title  | Area Under the Curve (AUC) of Serum Creatine Kinase Isoenzyme Type Muscle-brain (CK-MB) |
| End point description:<br>Infarct size as measured by the AUC of serum CK-MB at 24 and 72 hours post-PCI |   |
| End point type   | Primary   |
| End point timeframe:<br>The initial 24 and 72 hours post-percutaneous coronary intervention (PCI)        |   |

| End point values                     | Active            | Placebo           |  |  |
|--------------------------------------|-------------------|-------------------|--|--|
| Subject group type                   | Reporting group   | Reporting group   |  |  |
| Number of subjects analysed          | 57                | 60                |  |  |
| Units: ng*hr/mL                      |                   |                   |  |  |
| arithmetic mean (standard deviation) |                   |                   |  |  |
| 72 Hours                             | 6582.0 (± 3270.6) | 6738.3 (± 3775.4) |  |  |
| 24 Hours                             | 5252.2 (± 2667.9) | 5471.9 (± 3270.7) |  |  |

### Statistical analyses

|   |                     |
|---|---------------------|
| Statistical analysis title  | Statistical methods |
| Statistical analysis description:<br>Continuous variables were analyzed using analysis of covariance (ANCOVA) or a one-way analysis of variance (ANOVA).<br>Unless otherwise indicated, continuous variables (eg, age, volume of myocardial infarction) were summarized by treatment group using descriptive statistics consisting of number of patients, mean, median, standard deviation or standard error (as appropriate), minimum, and maximum values. |                     |
| Comparison groups   | Active v Placebo    |

|   |                                |
|---|--------------------------------|
| Number of subjects included in analysis | 117                            |
| Analysis specification                  | Pre-specified                  |
| Analysis type                           | other                          |
| P-value                                 | ≤ 0.05                         |
| Method                                  | t-test, 2-sided                |
| Parameter estimate                      | Mean difference (final values) |

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### Secondary: Ratio of Volume of Infarcted Myocardium to Left Ventricular Mass

|                 |  |
|-----------------|--|
| End point title | Ratio of Volume of Infarcted Myocardium to Left Ventricular Mass |
|-----------------|--|

End point description:

Cardiac infarct size calculated as the ratio of volume of infarcted myocardium to left ventricular mass at Day 30 as measured by MRI.

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

End point timeframe:

Day 30 + 7

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| End point values                     | Active          | Placebo         |  |  |
|--------------------------------------|-----------------|-----------------|--|--|
| Subject group type                   | Reporting group | Reporting group |  |  |
| Number of subjects analysed          | 46              | 47              |  |  |
| Units: ratio                         |                 |                 |  |  |
| arithmetic mean (standard deviation) | 242.3 (± 87.3)  | 225.2 (± 90.70) |  |  |

### Statistical analyses

No statistical analyses for this end point

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### Secondary: Thrombosis in Myocardial Infarction (TIMI) Perfusion Grade Flow at Completion of PCI

|                 |  |
|-----------------|--|
| End point title | Thrombosis in Myocardial Infarction (TIMI) Perfusion Grade Flow at Completion of PCI |
|-----------------|--|

End point description:

TIMI perfusion grade flow at completion of PCI will be categorized as 0,1, or 1.5, 2 or 2.5, 3, and treated as ordinal data, where higher score means better perfusion and lower score means worse perfusion and worse outcome.

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

End point timeframe:

Initiation to Completion of PCI, no longer than 4 hours

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| <b>End point values</b>     | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: participants         |                 |                 |  |  |
| Flow Grade 0                | 0               | 0               |  |  |
| Flow Grade 1 or 1.5         | 0               | 0               |  |  |
| Flow Grade 2 or 2.5         | 6               | 7               |  |  |
| Flow Grade 3                | 52              | 53              |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Corrected TIMI Frame Count

|                        |   |
|------------------------|---|
| End point title        | Corrected TIMI Frame Count  |
| End point description: | Corrected TIMI Frame Count at Completion of PCI as captured by angiogram and analyzed as a continuous variable. |
| End point type         | Secondary   |
| End point timeframe:   | Completion of PCI, no longer than 4 hours   |

| <b>End point values</b>              | Active              | Placebo              |  |  |
|--------------------------------------|---------------------|----------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group      |  |  |
| Number of subjects analysed          | 58                  | 59                   |  |  |
| Units: corrected frame count         |                     |                      |  |  |
| arithmetic mean (standard deviation) | 79.7 ( $\pm$ 122.8) | 166.0 ( $\pm$ 286.8) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: ST-Segmented Elevation From Pre-PCI to 24 Hours Post-PCI and Presence of ST-Segmented Resolution

|                        |   |
|------------------------|---|
| End point title        | ST-Segmented Elevation From Pre-PCI to 24 Hours Post-PCI and Presence of ST-Segmented Resolution        |
| End point description: | ST-Segmented Elevation from pre-PCI to 24 hours post-PCI and Presence of ST-Segmented Resolution by ECG |
| End point type         | Secondary   |
| End point timeframe:   | pre-PCI to 24 hours post-PCI  |

| <b>End point values</b>            | Active          | Placebo         |  |  |
|------------------------------------|-----------------|-----------------|--|--|
| Subject group type                 | Reporting group | Reporting group |  |  |
| Number of subjects analysed        | 56              | 57              |  |  |
| Units: participants                |                 |                 |  |  |
| Complete ( $\geq 70\%$ resolution) | 30              | 29              |  |  |
| Partial ( $< 70\%$ resolution)     | 22              | 21              |  |  |
| None ( $< 30\%$ resolution)        | 4               | 7               |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change in Serum Creatinine From Baseline

|                        |  |
|------------------------|--|
| End point title        | Change in Serum Creatinine From Baseline   |
| End point description: | Change in serum creatinine, from baseline (prior to study drug administration) to Day 30 +7 post-PCI |
| End point type         | Secondary  |
| End point timeframe:   | Day 30 +7  |

| <b>End point values</b>              | Active                | Placebo               |  |  |
|--------------------------------------|-----------------------|-----------------------|--|--|
| Subject group type                   | Reporting group       | Reporting group       |  |  |
| Number of subjects analysed          | 58                    | 60                    |  |  |
| Units: umol/L                        |                       |                       |  |  |
| arithmetic mean (standard deviation) | 10.55 ( $\pm$ 17.642) | 88.04 ( $\pm$ 22.462) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change in Estimated Glomerular Filtration Rate (eGFR) From Baseline

|                        |   |
|------------------------|---|
| End point title        | Change in Estimated Glomerular Filtration Rate (eGFR) From Baseline                     |
| End point description: | Change in eGFR from baseline (prior to study drug administration) to Day 30 +7 post-PCI |
| End point type         | Secondary   |
| End point timeframe:   | Day 30 +/- 7  |

| <b>End point values</b>              | Active                 | Placebo               |  |  |
|--------------------------------------|------------------------|-----------------------|--|--|
| Subject group type                   | Reporting group        | Reporting group       |  |  |
| Number of subjects analysed          | 51                     | 50                    |  |  |
| Units: mL/min/SSA                    |                        |                       |  |  |
| arithmetic mean (standard deviation) | -12.33 ( $\pm$ 18.873) | -8.94 ( $\pm$ 14.242) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Cystatin C Change From Baseline

|                        |   |
|------------------------|---|
| End point title        | Cystatin C Change From Baseline   |
| End point description: | Change in Cystatin C from baseline (prior to study drug administration) to Day 30 +7 post-PCI |
| End point type         | Secondary   |
| End point timeframe:   | Day 30 + 7  |

| <b>End point values</b>              | Active              | Placebo             |  |  |
|--------------------------------------|---------------------|---------------------|--|--|
| Subject group type                   | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed          | 53                  | 49                  |  |  |
| Units: mg/L                          |                     |                     |  |  |
| arithmetic mean (standard deviation) | 0.19 ( $\pm$ 0.341) | 0.19 ( $\pm$ 0.226) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: AUC of Troponin 1 Enzyme

|                        |  |
|------------------------|--|
| End point title        | AUC of Troponin 1 Enzyme   |
| End point description: | Infarct size as calculated by the AUC of Troponin I Enzyme over the initial 24 and 72 hours post-PCI |
| End point type         | Secondary  |
| End point timeframe:   | Initial 24 and 72 hours post-PCI   |

| <b>End point values</b>              | Active            | Placebo           |  |  |
|--------------------------------------|-------------------|-------------------|--|--|
| Subject group type                   | Reporting group   | Reporting group   |  |  |
| Number of subjects analysed          | 57                | 60                |  |  |
| Units: ng*hr/mL                      |                   |                   |  |  |
| arithmetic mean (standard deviation) |                   |                   |  |  |
| 72 Hours                             | 5422.9 (± 3430.9) | 4647.2 (± 2834.7) |  |  |
| 24 Hours                             | 3301.4 (± 2192.9) | 2850.4 (± 1640.6) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Blood Urea Nitrogen (BUN) Change From Baseline

|                        |  |
|------------------------|--|
| End point title        | Blood Urea Nitrogen (BUN) Change From Baseline   |
| End point description: | Blood Urea Nitrogen (BUN) Change from baseline (prior to study drug administration) to Day 30 + 7 post-PCI |
| End point type         | Secondary  |
| End point timeframe:   | Baseline to Day 30   |

| <b>End point values</b>              | Active          | Placebo         |  |  |
|--------------------------------------|-----------------|-----------------|--|--|
| Subject group type                   | Reporting group | Reporting group |  |  |
| Number of subjects analysed          | 53              | 51              |  |  |
| Units: mmol/L                        |                 |                 |  |  |
| arithmetic mean (standard deviation) | -0.13 (± 1.603) | 0.13 (± 2.207)  |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Number and Percent of Grade 1 Episode of Contrast-Induced Nephropathy Post-PCI

|                        |   |
|------------------------|---|
| End point title        | Number and Percent of Grade 1 Episode of Contrast-Induced Nephropathy Post-PCI  |
| End point description: | Number of Participants with Grade 1 Episode of Contrast-Induced Nephropathy within 48 hours of initial PCI or MRI, based on lab data. |
| End point type         | Secondary   |
| End point timeframe:   | Baseline to 48 hours post PCI or MRI  |

| <b>End point values</b>     | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: participants         |                 |                 |  |  |
| Yes                         | 17              | 11              |  |  |
| No                          | 41              | 49              |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Immediate Myocardial Complications: Ventricular Tachycardia or Fibrillation

|                 |   |
|-----------------|---|
| End point title | Immediate Myocardial Complications: Ventricular Tachycardia or Fibrillation |
|-----------------|---|

End point description:

Number and percent of participants with Immediate Myocardial Complications: Ventricular Tachycardia or Fibrillation Requiring Medical Intervention

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

End point timeframe:

Baseline up to 1 hour post-PCI

| <b>End point values</b>     | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: participants         |                 |                 |  |  |
| Yes                         | 2               | 3               |  |  |
| No                          | 56              | 57              |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Immediate Myocardial Complications: Mechanical Complications

|                 |  |
|-----------------|--|
| End point title | Immediate Myocardial Complications: Mechanical Complications |
|-----------------|--|

End point description:

Number and Percent of Participants with Immediate Myocardial Complications: Mechanical Complications: (Free wall Rupture, Ventricular Septal Defect, Ischemic Mitral Regurgitation)

|                                |           |
|--------------------------------|-----------|
| End point type                 | Secondary |
| End point timeframe:           |           |
| Baseline up to 1 hour post-PCI |           |

| <b>End point values</b>     | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: Participants         | 1               | 0               |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Emergency Use of Medications During PCI Procedure

|  |   |
|--|---|
| End point title  | Emergency Use of Medications During PCI Procedure |
| End point description:   |   |
| Emergency Use of Nitroprusside, Calcium Channel Blocker, Adenosine Administration During the PCI Procedure |   |
| End point type   | Secondary   |
| End point timeframe:   |   |
| Initiation to Completion of PCI, no longer than 4 hours  |   |

| <b>End point values</b>     | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: Participants         |                 |                 |  |  |
| Yes                         | 5               | 3               |  |  |
| No                          | 53              | 57              |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: ProB-type Natriuretic Peptide (NT-proBNP) Change From Baseline to Day 30

|  |  |
|--|--|
| End point title  | ProB-type Natriuretic Peptide (NT-proBNP) Change From Baseline to Day 30 |
| End point description:   |  |
| NT-proBNP: Change from baseline to Day 30 +7 (Laboratory marker for chronic heart failure (CHF) and systemic |  |

inflammation.)

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

End point timeframe:

Baseline to Day 30

| <b>End point values</b>              | Active                    | Placebo                   |  |  |
|--------------------------------------|---------------------------|---------------------------|--|--|
| Subject group type                   | Reporting group           | Reporting group           |  |  |
| Number of subjects analysed          | 51                        | 51                        |  |  |
| Units: pg/mL                         |                           |                           |  |  |
| arithmetic mean (standard deviation) | 1828.45 ( $\pm$ 3427.408) | 1582.67 ( $\pm$ 1502.985) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: High Sensitivity C-Reactive Protein (hsCRP): Change From Baseline to Day 30

|                 |   |
|-----------------|---|
| End point title | High Sensitivity C-Reactive Protein (hsCRP): Change From Baseline to Day 30 |
|-----------------|---|

End point description:

High Sensitivity C-Reactive Protein (hsCRP): Change from baseline to Day 30 +7 (Laboratory Marker for CHF and Systemic Inflammation)

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

End point timeframe:

Baseline to Day 30

| <b>End point values</b>              | Active               | Placebo              |  |  |
|--------------------------------------|----------------------|----------------------|--|--|
| Subject group type                   | Reporting group      | Reporting group      |  |  |
| Number of subjects analysed          | 51                   | 45                   |  |  |
| Units: mg/L                          |                      |                      |  |  |
| arithmetic mean (standard deviation) | -1.03 ( $\pm$ 7.072) | -0.91 ( $\pm$ 7.024) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Left Ventricular (LV) Ejection Fraction (%)

|                 |   |
|-----------------|---|
| End point title | Left Ventricular (LV) Ejection Fraction (%) |
|-----------------|---|

End point description:

Difference in Left Ventricular (LV) Ejection Fraction (%) from Day 4 To Day 30

End point type Secondary

End point timeframe:

Day 4 to Day 30

| End point values                     | Active           | Placebo          |  |  |
|--------------------------------------|------------------|------------------|--|--|
| Subject group type                   | Reporting group  | Reporting group  |  |  |
| Number of subjects analysed          | 47               | 53               |  |  |
| Units: percentage of blood volume    |                  |                  |  |  |
| arithmetic mean (standard deviation) | 2.1 ( $\pm$ 6.4) | 2.5 ( $\pm$ 8.3) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Difference Between Left Ventricular End Diastolic Volume, Corrected

End point title Difference Between Left Ventricular End Diastolic Volume, Corrected

End point description:

Difference between Left Ventricular End Diastolic Volume Corrected for Body Surface Area between Day 4 and Day 30

End point type Secondary

End point timeframe:

Day 4 and Day 30

| End point values                     | Active            | Placebo           |  |  |
|--------------------------------------|-------------------|-------------------|--|--|
| Subject group type                   | Reporting group   | Reporting group   |  |  |
| Number of subjects analysed          | 45                | 52                |  |  |
| Units: mL/m <sup>2</sup>             |                   |                   |  |  |
| arithmetic mean (standard deviation) | 8.6 ( $\pm$ 12.6) | 6.2 ( $\pm$ 15.1) |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Difference Between Left Ventricular End Systolic Volume, Corrected

End point title Difference Between Left Ventricular End Systolic Volume, Corrected

End point description:

Difference between Left Ventricular End Systolic Volume Corrected for Body Surface Area from Day 4 and Day 30

End point type Secondary

End point timeframe:

Day 4 and Day 30

| End point values                     | Active          | Placebo         |  |  |
|--------------------------------------|-----------------|-----------------|--|--|
| Subject group type                   | Reporting group | Reporting group |  |  |
| Number of subjects analysed          | 45              | 52              |  |  |
| Units: mL/m <sup>2</sup>             |                 |                 |  |  |
| arithmetic mean (standard deviation) | 2.7 (± 8.0)     | 1.5 (± 12.5)    |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Chronic Heart Failure

End point title Chronic Heart Failure

End point description:

Number and Percentage of Patients with Clinical Events: Chronic Heart Failure beginning within 24 hours after PCI but within the duration of the index hospitalization (Subjects with CHF started within 24 hours after the last balloon deflation while the patient was still in the hospital {including patients who had missing discharge date}).

End point type Secondary

End point timeframe:

Within 24 hours after PCI

| End point values            | Active          | Placebo         |  |  |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type          | Reporting group | Reporting group |  |  |
| Number of subjects analysed | 58              | 60              |  |  |
| Units: Participants         |                 |                 |  |  |
| Yes                         | 8               | 15              |  |  |
| No                          | 50              | 45              |  |  |

### Statistical analyses

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

21 June 2012 to 22 September 2014

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

### Dictionary used

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

|                    |      |
|--------------------|------|
| Dictionary version | 14.0 |
|--------------------|------|

### Reporting groups

|                       |        |
|-----------------------|--------|
| Reporting group title | Active |
|-----------------------|--------|

Reporting group description:

Participants received Bendavia (MTP-131) as an IV infusion at 0.05 mg/kg/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

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

Reporting group description:

Participants received placebo as an IV infusion at 60 mL/hr at least 15 minutes but no more than 1 hour prior to the anticipated reperfusion event and continued through approximately 1 hour following re-establishment of blood flow through the culprit vessel via primary percutaneous coronary intervention and stenting.

| Serious adverse events  | Active            | Placebo          |  |
|---|-------------------|------------------|--|
| Total subjects affected by serious adverse events                   |                   |                  |  |
| subjects affected / exposed   | 20 / 150 (13.33%) | 14 / 147 (9.52%) |  |
| number of deaths (all causes)                                       | 3                 | 3                |  |
| number of deaths resulting from adverse events                      |                   |                  |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                   |                  |  |
| Pancreatic Neoplasm   |                   |                  |  |
| subjects affected / exposed   | 0 / 150 (0.00%)   | 1 / 147 (0.68%)  |  |
| occurrences causally related to treatment / all                     | 0 / 0             | 0 / 1            |  |
| deaths causally related to treatment / all                          | 0 / 0             | 0 / 0            |  |
| Injury, poisoning and procedural complications                      |                   |                  |  |
| Rib Fracture  |                   |                  |  |
| subjects affected / exposed   | 1 / 150 (0.67%)   | 0 / 147 (0.00%)  |  |
| occurrences causally related to treatment / all                     | 0 / 1             | 0 / 0            |  |
| deaths causally related to treatment / all                          | 0 / 0             | 0 / 0            |  |
| Sternum Fracture  |                   |                  |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Vascular Procedural Complication</b>         |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Vascular Pseudoaneurysm</b>                  |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Vascular disorders</b>                       |                 |                 |  |
| <b>Femoral Artery Embolism</b>                  |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Cardiac disorders</b>                        |                 |                 |  |
| <b>Acute Myocardial Infarction</b>              |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 2 / 147 (1.36%) |  |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 2           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Angina Unstable</b>                          |                 |                 |  |
| subjects affected / exposed                     | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Atrioventricular Block</b>                   |                 |                 |  |
| subjects affected / exposed                     | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Cardiac Arrest</b>                           |                 |                 |  |
| subjects affected / exposed                     | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Cardiac Failure</b>                          |                 |                 |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                     | 0 / 150 (0.00%) | 2 / 147 (1.36%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 2           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 1           |  |
| <b>Cardiac Tamponade</b>                        |                 |                 |  |
| subjects affected / exposed                     | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Cardiogenic Shock</b>                        |                 |                 |  |
| subjects affected / exposed                     | 4 / 150 (2.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 4           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| <b>Coronary Artery Occlusion</b>                |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Coronary Artery Stenosis</b>                 |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Intracardiac Thrombus</b>                    |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Ischemic Cardiomyopathy</b>                  |                 |                 |  |
| subjects affected / exposed                     | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Myocardial Infarction</b>                    |                 |                 |  |
| subjects affected / exposed                     | 1 / 150 (0.67%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Ventricular Fibrillation</b>                 |                 |                 |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                                 | 1 / 150 (0.67%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all             | 1 / 1           | 0 / 1           |  |
| deaths causally related to treatment / all                  | 0 / 0           | 0 / 0           |  |
| <b>Nervous system disorders</b>                             |                 |                 |  |
| Cerebrovascular accident                                    |                 |                 |  |
| subjects affected / exposed                                 | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all             | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                  | 0 / 1           | 0 / 0           |  |
| <b>Blood and lymphatic system disorders</b>                 |                 |                 |  |
| Thrombocytopenia  |                 |                 |  |
| subjects affected / exposed                                 | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all             | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                  | 0 / 0           | 0 / 0           |  |
| Pericarditis  |                 |                 |  |
| subjects affected / exposed                                 | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all             | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                  | 0 / 0           | 0 / 0           |  |
| <b>General disorders and administration site conditions</b> |                 |                 |  |
| Sudden cardiac death  |                 |                 |  |
| subjects affected / exposed                                 | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all             | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                  | 0 / 1           | 0 / 0           |  |
| Thrombosis in device  |                 |                 |  |
| subjects affected / exposed                                 | 2 / 150 (1.33%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all             | 0 / 2           | 0 / 0           |  |
| deaths causally related to treatment / all                  | 0 / 0           | 0 / 0           |  |
| <b>Gastrointestinal disorders</b>                           |                 |                 |  |
| Gastrointestinal haemorrhage                                |                 |                 |  |
| subjects affected / exposed                                 | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all             | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all                  | 0 / 0           | 0 / 0           |  |
| <b>Respiratory, thoracic and mediastinal disorders</b>      |                 |                 |  |
| Epistaxis   |                 |                 |  |

|  |                 |                 |  |
|--|-----------------|-----------------|--|
| subjects affected / exposed                            | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Hydrothorax</b>                                     |                 |                 |  |
| subjects affected / exposed                            | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Musculoskeletal and connective tissue disorders</b> |                 |                 |  |
| <b>Back pain</b>                                       |                 |                 |  |
| subjects affected / exposed                            | 0 / 150 (0.00%) | 1 / 147 (0.68%) |  |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Musculoskeletal Chest Pain</b>                      |                 |                 |  |
| subjects affected / exposed                            | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Infections and infestations</b>                     |                 |                 |  |
| <b>Pneumonia</b>                                       |                 |                 |  |
| subjects affected / exposed                            | 2 / 150 (1.33%) | 2 / 147 (1.36%) |  |
| occurrences causally related to treatment / all        | 0 / 2           | 0 / 2           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Upper Respiratory Infection</b>                     |                 |                 |  |
| subjects affected / exposed                            | 1 / 150 (0.67%) | 0 / 147 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |

Frequency threshold for reporting non-serious adverse events: 2 %

| <b>Non-serious adverse events</b>                     | Active             | Placebo            |  |
|---|--------------------|--------------------|--|
| Total subjects affected by non-serious adverse events |                    |                    |  |
| subjects affected / exposed                           | 133 / 150 (88.67%) | 107 / 147 (72.79%) |  |
| Vascular disorders                                    |                    |                    |  |
| Haematoma   |                    |                    |  |

|  |                        |                        |  |
|--|------------------------|------------------------|--|
| subjects affected / exposed<br>occurrences (all)                           | 4 / 150 (2.67%)<br>4   | 4 / 147 (2.72%)<br>4   |  |
| Hypertension<br>subjects affected / exposed<br>occurrences (all)           | 11 / 150 (7.33%)<br>11 | 9 / 147 (6.12%)<br>9   |  |
| Hypotension<br>subjects affected / exposed<br>occurrences (all)            | 5 / 150 (3.33%)<br>5   | 5 / 147 (3.40%)<br>5   |  |
| General disorders and administration<br>site conditions                    |                        |                        |  |
| Catheter site pain<br>subjects affected / exposed<br>occurrences (all)     | 3 / 150 (2.00%)<br>3   | 1 / 147 (0.68%)<br>1   |  |
| Non-cardiac chest pain<br>subjects affected / exposed<br>occurrences (all) | 9 / 150 (6.00%)<br>9   | 5 / 147 (3.40%)<br>5   |  |
| Pyrexia<br>subjects affected / exposed<br>occurrences (all)                | 5 / 150 (3.33%)<br>5   | 9 / 147 (6.12%)<br>9   |  |
| Respiratory, thoracic and mediastinal<br>disorders                         |                        |                        |  |
| Cough<br>subjects affected / exposed<br>occurrences (all)                  | 6 / 150 (4.00%)<br>6   | 3 / 147 (2.04%)<br>3   |  |
| Dyspnoea<br>subjects affected / exposed<br>occurrences (all)               | 2 / 150 (1.33%)<br>2   | 5 / 147 (3.40%)<br>5   |  |
| Psychiatric disorders  |                        |                        |  |
| Anxiety<br>subjects affected / exposed<br>occurrences (all)                | 9 / 150 (6.00%)<br>9   | 14 / 147 (9.52%)<br>14 |  |
| Claustrophobia<br>subjects affected / exposed<br>occurrences (all)         | 1 / 150 (0.67%)<br>1   | 3 / 147 (2.04%)<br>3   |  |
| Insomnia<br>subjects affected / exposed<br>occurrences (all)               | 7 / 150 (4.67%)<br>7   | 1 / 147 (0.68%)<br>1   |  |
| Investigations   |                        |                        |  |

|   |                         |                         |  |
|---|-------------------------|-------------------------|--|
| Blood potassium decreased<br>subjects affected / exposed<br>occurrences (all)   | 2 / 150 (1.33%)<br>2    | 3 / 147 (2.04%)<br>3    |  |
| Ejection fraction decreased<br>subjects affected / exposed<br>occurrences (all) | 4 / 150 (2.67%)<br>4    | 1 / 147 (0.68%)<br>1    |  |
| Cardiac disorders   |                         |                         |  |
| Angina pectoris<br>subjects affected / exposed<br>occurrences (all)             | 11 / 150 (7.33%)<br>11  | 6 / 147 (4.08%)<br>6    |  |
| Atrial fibrillation<br>subjects affected / exposed<br>occurrences (all)         | 6 / 150 (4.00%)<br>6    | 8 / 147 (5.44%)<br>8    |  |
| Bradycardia<br>subjects affected / exposed<br>occurrences (all)                 | 0 / 150 (0.00%)<br>0    | 3 / 147 (2.04%)<br>3    |  |
| Cardiac Failure<br>subjects affected / exposed<br>occurrences (all)             | 28 / 150 (18.67%)<br>28 | 29 / 147 (19.73%)<br>29 |  |
| Cardiac Failure Congestive<br>subjects affected / exposed<br>occurrences (all)  | 5 / 150 (3.33%)<br>5    | 5 / 147 (3.40%)<br>5    |  |
| Coronary Artery Disease<br>subjects affected / exposed<br>occurrences (all)     | 5 / 150 (3.33%)<br>5    | 5 / 147 (3.40%)<br>5    |  |
| Coronary artery stenosis<br>subjects affected / exposed<br>occurrences (all)    | 3 / 150 (2.00%)<br>3    | 4 / 147 (2.72%)<br>4    |  |
| Intracardiac thrombus<br>subjects affected / exposed<br>occurrences (all)       | 9 / 150 (6.00%)<br>9    | 10 / 147 (6.80%)<br>10  |  |
| Mitral Valve Incompetence<br>subjects affected / exposed<br>occurrences (all)   | 3 / 150 (2.00%)<br>3    | 1 / 147 (0.68%)<br>1    |  |
| Pericardial effusion  |                         |                         |  |

|   |                      |                      |  |
|---|----------------------|----------------------|--|
| subjects affected / exposed<br>occurrences (all)                              | 0 / 150 (0.00%)<br>0 | 3 / 147 (2.04%)<br>3 |  |
| Ventricular Tachycardia<br>subjects affected / exposed<br>occurrences (all)   | 4 / 150 (2.67%)<br>4 | 4 / 147 (2.72%)<br>4 |  |
| Ventricular extrasystoles<br>subjects affected / exposed<br>occurrences (all) | 4 / 150 (2.67%)<br>4 | 1 / 147 (0.68%)<br>1 |  |
| Nervous system disorders  |                      |                      |  |
| Dizziness<br>subjects affected / exposed<br>occurrences (all)                 | 3 / 150 (2.00%)<br>3 | 2 / 147 (1.36%)<br>2 |  |
| Headache<br>subjects affected / exposed<br>occurrences (all)                  | 6 / 150 (4.00%)<br>6 | 2 / 147 (1.36%)<br>2 |  |
| Hypotonia<br>subjects affected / exposed<br>occurrences (all)                 | 3 / 150 (2.00%)<br>3 | 3 / 147 (2.04%)<br>3 |  |
| Syncope<br>subjects affected / exposed<br>occurrences (all)                   | 3 / 150 (2.00%)<br>3 | 0 / 147 (0.00%)<br>0 |  |
| Blood and lymphatic system disorders  |                      |                      |  |
| Anaemia<br>subjects affected / exposed<br>occurrences (all)                   | 6 / 150 (4.00%)<br>6 | 6 / 147 (4.08%)<br>6 |  |
| Thrombocytopenia<br>subjects affected / exposed<br>occurrences (all)          | 3 / 150 (2.00%)<br>3 | 0 / 147 (0.00%)<br>0 |  |
| Gastrointestinal disorders  |                      |                      |  |
| Constipation<br>subjects affected / exposed<br>occurrences (all)              | 1 / 150 (0.67%)<br>1 | 4 / 147 (2.72%)<br>4 |  |
| Diarrhoea<br>subjects affected / exposed<br>occurrences (all)                 | 4 / 150 (2.67%)<br>4 | 7 / 147 (4.76%)<br>7 |  |
| Nausea  |                      |                      |  |

|  |                         |                         |  |
|--|-------------------------|-------------------------|--|
| subjects affected / exposed<br>occurrences (all)   | 9 / 150 (6.00%)<br>9    | 7 / 147 (4.76%)<br>7    |  |
| Vomiting<br>subjects affected / exposed<br>occurrences (all)   | 8 / 150 (5.33%)<br>8    | 7 / 147 (4.76%)<br>7    |  |
| Renal and urinary disorders<br>Renal Failure Chronic<br>subjects affected / exposed<br>occurrences (all)         | 1 / 150 (0.67%)<br>1    | 3 / 147 (2.04%)<br>3    |  |
| Musculoskeletal and connective tissue disorders<br>Back pain<br>subjects affected / exposed<br>occurrences (all) | 5 / 150 (3.33%)<br>5    | 7 / 147 (4.76%)<br>7    |  |
| Infections and infestations<br>Pneumonia<br>subjects affected / exposed<br>occurrences (all)                     | 3 / 150 (2.00%)<br>3    | 4 / 147 (2.72%)<br>4    |  |
| Urinary tract infection<br>subjects affected / exposed<br>occurrences (all)                                      | 2 / 150 (1.33%)<br>2    | 3 / 147 (2.04%)<br>3    |  |
| Metabolism and nutrition disorders<br>Diabetes mellitus<br>subjects affected / exposed<br>occurrences (all)      | 12 / 150 (8.00%)<br>12  | 7 / 147 (4.76%)<br>7    |  |
| Glucose Tolerance Impairment<br>subjects affected / exposed<br>occurrences (all)                                 | 5 / 150 (3.33%)<br>5    | 6 / 147 (4.08%)<br>6    |  |
| Hypercholesterolaemia<br>subjects affected / exposed<br>occurrences (all)  | 30 / 150 (20.00%)<br>30 | 19 / 147 (12.93%)<br>19 |  |
| Hyperlipidaemia<br>subjects affected / exposed<br>occurrences (all)  | 6 / 150 (4.00%)<br>6    | 9 / 147 (6.12%)<br>9    |  |
| Hypokalaemia<br>subjects affected / exposed<br>occurrences (all)   | 27 / 150 (18.00%)<br>27 | 27 / 147 (18.37%)<br>27 |  |

|                             |                 |                 |  |
|-----------------------------|-----------------|-----------------|--|
| Hyponatraemia               |                 |                 |  |
| subjects affected / exposed | 3 / 150 (2.00%) | 2 / 147 (1.36%) |  |
| occurrences (all)           | 3               | 2               |  |
| Type 2 diabetes mellitus    |                 |                 |  |
| subjects affected / exposed | 3 / 150 (2.00%) | 1 / 147 (0.68%) |  |
| occurrences (all)           | 3               | 1               |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment   |
|------------------|---|
| 28 February 2012 | <ul style="list-style-type: none"><li data-bbox="419 360 1426 416">• Inclusion criteria for menopause was clarified as &gt;12 months of no menses.</li><li data-bbox="419 450 1426 506">• Maximal infusion time for investigational product was adjusted to &lt;4 hours.</li><li data-bbox="419 539 1426 595">• Primary Analysis Population must have received <math>\geq 10</math> minutes pre- and <math>\geq 45</math> minutes post-PCI infusion of study drug.</li><li data-bbox="419 629 1426 707">• Added STAT local serum sodium and serum creatinine, drawn prior to the PCI and if the sodium was &lt;135 mEq/L or the eGFR was &lt;50 mL/min, the study drug infusion was stopped and repeat values obtained.</li></ul> |

Notes:

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### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

None reported