



Clinical trial results:

A Multicenter, Randomized, Double-Blind, Placebo-controlled, Parallel Group, Phase 3 Study to Evaluate the Efficacy and Safety of Dapagliflozin as an Add-on to Insulin Therapy in Subjects With Type 1 Diabetes Mellitus (DEPICT 1)

Summary

| | |
|--------------------------|-------------------------------|
| EudraCT number | 2013-004674-97 |
| Trial protocol | SE DK GB FI IT DE AT ES HU BE |
| Global end of trial date | 25 August 2017 |

Results information

| | |
|--------------------------------|-------------------|
| Result version number | v1 (current) |
| This version publication date | 08 September 2018 |
| First version publication date | 08 September 2018 |

Trial information

Trial identification

| | |
|-----------------------|-----------|
| Sponsor protocol code | MB102-229 |
|-----------------------|-----------|

Additional study identifiers

| | |
|------------------------------------|-----------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT02268214 |
| WHO universal trial number (UTN) | - |
| Other trial identifiers | AZ: D1695C00006 |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | AstraZeneca AB |
| Sponsor organisation address | Pepparedsleden 1, Mölndal, Sweden, 431 83 |
| Public contact | Anna Maria Langkilde, AstraZeneca AB, ClinicalTrialTransparency@astrazeneca.com |
| Scientific contact | Anna Maria Langkilde, AstraZeneca AB, ClinicalTrialTransparency@astrazeneca.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 | 10 November 2017 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 04 January 2017 |
| Global end of trial reached? | Yes |
| Global end of trial date | 25 August 2017 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

Compare dapagliflozin 5 mg or 10 mg plus adjustable insulin versus placebo plus adjustable insulin for the change from baseline in HbA1c after 24 weeks of doubleblinded treatment.

Protection of trial subjects:

Independent data monitoring committee

Background therapy:

Insulin

Evidence for comparator: -

| | |
|---|------------------|
| Actual start date of recruitment | 11 November 2014 |
| Long term follow-up planned | Yes |
| Long term follow-up rationale | Safety |
| Long term follow-up duration | 6 Months |
| Independent data monitoring committee (IDMC) involvement? | Yes |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|--------------------|
| Country: Number of subjects enrolled | Australia: 55 |
| Country: Number of subjects enrolled | Austria: 57 |
| Country: Number of subjects enrolled | Belgium: 28 |
| Country: Number of subjects enrolled | Canada: 61 |
| Country: Number of subjects enrolled | Germany: 169 |
| Country: Number of subjects enrolled | Denmark: 29 |
| Country: Number of subjects enrolled | Spain: 73 |
| Country: Number of subjects enrolled | Finland: 43 |
| Country: Number of subjects enrolled | France: 32 |
| Country: Number of subjects enrolled | United Kingdom: 42 |
| Country: Number of subjects enrolled | Hungary: 68 |
| Country: Number of subjects enrolled | Israel: 97 |
| Country: Number of subjects enrolled | Italy: 55 |
| Country: Number of subjects enrolled | Mexico: 180 |
| Country: Number of subjects enrolled | Romania: 142 |
| Country: Number of subjects enrolled | Sweden: 33 |
| Country: Number of subjects enrolled | United States: 440 |
| Worldwide total number of subjects | 1604 |
| EEA total number of subjects | 771 |

Notes:

| Subjects enrolled per age group | |
|---|------|
| In utero | 0 |
| Preterm newborn - gestational age < 37 wk | 0 |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |
| Adults (18-64 years) | 1512 |
| From 65 to 84 years | 92 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

The first subject was enrolled on 11 November 2014. The last subject completed the 24-week short-term treatment period 04 January 2017. This study was conducted at 138 sites in 17 countries.

Pre-assignment

Screening details:

833 participants were randomized to a treatment group. Of the 771 participants not randomized to a treatment group: 585 No longer met study criteria, 125 withdrew consent, 26 were lost to follow-up, and 35 did not continue for other reasons.

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, Monitor, Carer, Data analyst, Assessor |

Arms

| | |
|------------------------------|-----|
| Are arms mutually exclusive? | Yes |
|------------------------------|-----|

| | |
|------------------|------------------------------|
| Arm title | Dapagliflozin 5 mg + Insulin |
|------------------|------------------------------|

Arm description: -

| | |
|--|---------------|
| Arm type | Experimental |
| Investigational medicinal product name | Dapagliflozin |
| Investigational medicinal product code | |
| Other name | Farxiga |
| Pharmaceutical forms | Coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

5 mg oral administration

| | |
|------------------|-------------------------------|
| Arm title | Dapagliflozin 10 mg + Insulin |
|------------------|-------------------------------|

Arm description: -

| | |
|--|---------------|
| Arm type | Experimental |
| Investigational medicinal product name | Dapagliflozin |
| Investigational medicinal product code | |
| Other name | Farxiga |
| Pharmaceutical forms | Coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

10 mg oral administration

| | |
|------------------|-------------------|
| Arm title | Placebo + Insulin |
|------------------|-------------------|

Arm description: -

| | |
|--|---------------|
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

oral administration

| Number of subjects in period 1^[1] | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin |
|---|------------------------------|-------------------------------|-------------------|
| Started | 277 | 296 | 260 |
| Completed | 235 | 255 | 218 |
| Not completed | 42 | 41 | 42 |
| Subject request to discontinue treatment | 10 | 8 | 6 |
| Adverse event, non-fatal | 11 | 14 | 9 |
| Pregnancy | 2 | 2 | 1 |
| Not entering long-term period | 2 | 3 | 5 |
| Other reasons | 7 | 3 | 3 |
| Lost to follow-up | 3 | 3 | 4 |
| Poor/non-compliance | 2 | 1 | 2 |
| Subject no longer meets study criteria | - | 2 | - |
| Lack of efficacy | 1 | - | 2 |
| Withdrawal by subject | 4 | 5 | 10 |

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: We only summarized data for the patients randomized in the study. Baseline period had all of patients randomized in the study.

Baseline characteristics

Reporting groups

| | |
|--------------------------------|-------------------------------|
| Reporting group title | Dapagliflozin 5 mg + Insulin |
| Reporting group description: - | |
| Reporting group title | Dapagliflozin 10 mg + Insulin |
| Reporting group description: - | |
| Reporting group title | Placebo + Insulin |
| Reporting group description: - | |

| Reporting group values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin |
|--|------------------------------|-------------------------------|-------------------|
| Number of subjects | 277 | 296 | 260 |
| Age Categorical Units: Subjects | | | |
| In utero | 0 | 0 | 0 |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | 0 |
| Newborns (0-27 days) | 0 | 0 | 0 |
| Infants and toddlers (28 days-23 months) | 0 | 0 | 0 |
| Children (2-11 years) | 0 | 0 | 0 |
| Adolescents (12-17 years) | 0 | 0 | 0 |
| Adults (18-64 years) | 262 | 279 | 246 |
| From 65-84 years | 15 | 17 | 14 |
| 85 years and over | 0 | 0 | 0 |
| Age Continuous Units: years | | | |
| arithmetic mean | 42.1 | 43.4 | 42.7 |
| standard deviation | ± 13.94 | ± 13.89 | ± 13.57 |
| Gender Categorical Units: Subjects | | | |
| Female | 158 | 144 | 128 |
| Male | 119 | 152 | 132 |
| Age categorization Units: Subjects | | | |
| <65 years | 262 | 279 | 246 |
| >=65 to <75 years | 15 | 16 | 14 |
| >= 75 years | 0 | 1 | 0 |
| Age categorization by tertiles Units: Subjects | | | |
| < 35 years | 97 | 84 | 78 |
| >=35 to < 50 years | 88 | 107 | 91 |
| >= 50 years | 92 | 105 | 91 |
| Race Units: Subjects | | | |
| White | 264 | 282 | 249 |
| Black or African-American | 5 | 7 | 3 |
| Asian | 2 | 0 | 1 |
| Other | 6 | 7 | 7 |

| | | | |
|--|----------|----------|----------|
| Ethnicity | | | |
| Ethnicity is reported only for US subjects | | | |
| Units: Subjects | | | |
| Hispanic/Latino | 6 | 5 | 8 |
| Non-Hispanic/Latino | 63 | 75 | 53 |
| Not reported | 208 | 216 | 199 |
| Body mass index categorization | | | |
| Units: Subjects | | | |
| <=23 Kg/m ² | 40 | 40 | 32 |
| >23 to <=25 Kg/m ² | 37 | 38 | 38 |
| >25 to <=27 Kg/m ² | 42 | 57 | 38 |
| >27 to <=30 Kg/m ² | 68 | 53 | 63 |
| >30 Kg/m ² | 90 | 108 | 89 |
| Body weight | | | |
| Units: Kg | | | |
| arithmetic mean | 81.25 | 83.54 | 84.36 |
| standard deviation | ± 18.053 | ± 17.747 | ± 18.332 |
| Body mass index | | | |
| Units: Kg/m ² | | | |
| arithmetic mean | 28.43 | 28.49 | 28.62 |
| standard deviation | ± 5.711 | ± 5.226 | ± 5.251 |

| | | | |
|---|-------|--|--|
| Reporting group values | Total | | |
| Number of subjects | 833 | | |
| 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) | 787 | | |
| From 65-84 years | 46 | | |
| 85 years and over | 0 | | |
| Age Continuous | | | |
| Units: years | | | |
| arithmetic mean | | | |
| standard deviation | - | | |
| Gender Categorical | | | |
| Units: Subjects | | | |
| Female | 430 | | |
| Male | 403 | | |
| Age categorization | | | |
| Units: Subjects | | | |
| <65 years | 787 | | |
| >=65 to <75 years | 45 | | |
| >= 75 years | 1 | | |
| Age categorization by tertiles | | | |
| Units: Subjects | | | |

| | | | |
|--|-----|--|--|
| < 35 years | 259 | | |
| >=35 to < 50 years | 286 | | |
| >= 50 years | 288 | | |
| Race | | | |
| Units: Subjects | | | |
| White | 795 | | |
| Black or African-American | 15 | | |
| Asian | 3 | | |
| Other | 20 | | |
| Ethnicity | | | |
| Ethnicity is reported only for US subjects | | | |
| Units: Subjects | | | |
| Hispanic/Latino | 19 | | |
| Non-Hispanic/Latino | 191 | | |
| Not reported | 623 | | |
| Body mass index categorization | | | |
| Units: Subjects | | | |
| <=23 Kg/m ² | 112 | | |
| >23 to <=25 Kg/m ² | 113 | | |
| >25 to <=27 Kg/m ² | 137 | | |
| >27 to <=30 Kg/m ² | 184 | | |
| >30 Kg/m ² | 287 | | |
| Body weight | | | |
| Units: Kg | | | |
| arithmetic mean | | | |
| standard deviation | - | | |
| Body mass index | | | |
| Units: Kg/m ² | | | |
| arithmetic mean | | | |
| standard deviation | - | | |

Subject analysis sets

| | |
|----------------------------|-------------------|
| Subject analysis set title | Full Analysis Set |
| Subject analysis set type | Full analysis |

Subject analysis set description:

Randomized subjects that received at least 1 dose of double-blind study medication. The first 55 randomized subjects will be excluded from the full analysis dataset due to the presence of a randomization system error.

| | |
|----------------------------|---------------------|
| Subject analysis set title | Safety Analysis Set |
| Subject analysis set type | Safety analysis |

Subject analysis set description:

All randomized subjects who took at least one dose of double-blind study medication during the short-term double-blind period.

| Reporting group values | Full Analysis Set | Safety Analysis Set | |
|---|-------------------|---------------------|--|
| Number of subjects | 778 | 833 | |
| Age Categorical | | | |
| Units: Subjects | | | |
| In utero | 0 | 0 | |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | |

| | | | |
|--|----------|----------|--|
| Newborns (0-27 days) | 0 | 0 | |
| Infants and toddlers (28 days-23 months) | 0 | 0 | |
| Children (2-11 years) | 0 | 0 | |
| Adolescents (12-17 years) | 0 | 0 | |
| Adults (18-64 years) | 734 | 787 | |
| From 65-84 years | 44 | 46 | |
| 85 years and over | 0 | 0 | |
| Age Continuous | | | |
| Units: years | | | |
| arithmetic mean | 42.5 | 42.7 | |
| standard deviation | ± 13.91 | ± 13.80 | |
| Gender Categorical | | | |
| Units: Subjects | | | |
| Female | 405 | 430 | |
| Male | 373 | 403 | |
| Age categorization | | | |
| Units: Subjects | | | |
| <65 years | 734 | 787 | |
| >=65 to <75 years | 43 | 45 | |
| >= 75 years | 1 | 1 | |
| Age categorization by tertiles | | | |
| Units: Subjects | | | |
| < 35 years | 250 | 259 | |
| >=35 to < 50 years | 262 | 286 | |
| >= 50 years | 266 | 288 | |
| Race | | | |
| Units: Subjects | | | |
| White | 744 | 795 | |
| Black or African-American | 15 | 15 | |
| Asian | 1 | 3 | |
| Other | 18 | 20 | |
| Ethnicity | | | |
| Ethnicity is reported only for US subjects | | | |
| Units: Subjects | | | |
| Hispanic/Latino | 16 | 19 | |
| Non-Hispanic/Latino | 162 | 191 | |
| Not reported | 600 | 623 | |
| Body mass index categorization | | | |
| Units: Subjects | | | |
| <=23 Kg/m ² | 111 | 112 | |
| >23 to <=25 Kg/m ² | 109 | 113 | |
| >25 to <=27 Kg/m ² | 124 | 137 | |
| >27 to <=30 Kg/m ² | 174 | 184 | |
| >30 Kg/m ² | 260 | 287 | |
| Body weight | | | |
| Units: Kg | | | |
| arithmetic mean | 82.47 | 83.04 | |
| standard deviation | ± 18.078 | ± 18.058 | |
| Body mass index | | | |
| Units: Kg/m ² | | | |
| arithmetic mean | 28.38 | 28.51 | |

| | | | |
|--------------------|-------------|-------------|--|
| standard deviation | ± 5.406 | ± 5.394 | |
|--------------------|-------------|-------------|--|

| | | | |
|--|--|--|--|
| | | | |
| | | | |

End points

End points reporting groups

| | |
|---|-------------------------------|
| Reporting group title | Dapagliflozin 5 mg + Insulin |
| Reporting group description: - | |
| Reporting group title | Dapagliflozin 10 mg + Insulin |
| Reporting group description: - | |
| Reporting group title | Placebo + Insulin |
| Reporting group description: - | |
| Subject analysis set title | Full Analysis Set |
| Subject analysis set type | Full analysis |
| Subject analysis set description: | |
| Randomized subjects that received at least 1 dose of double-blind study medication. The first 55 randomized subjects will be excluded from the full analysis dataset due to the presence of a randomization system error. | |
| Subject analysis set title | Safety Analysis Set |
| Subject analysis set type | Safety analysis |
| Subject analysis set description: | |
| All randomized subjects who took at least one dose of double-blind study medication during the short-term double-blind period. | |

Primary: Adjusted mean change from baseline in Hemoglobin A1C (HbA1c) at Week 24 (Repeated Measures Model [RMM])

| | |
|--|---|
| End point title | Adjusted mean change from baseline in Hemoglobin A1C (HbA1c) at Week 24 (Repeated Measures Model [RMM]) |
| End point description: | |
| HbA1c was measured as percent of hemoglobin by a central laboratory. Baseline was defined as the last assessment on or prior to the date of the first dose of the double-blind study medication. HbA1c measurements were obtained during the qualification and lead-in periods and on Day 1 and Weeks 4, 8, 12, 18, and 24 in the double-blind period. | |
| End point type | Primary |
| End point timeframe: | |
| From Baseline to Week 24 | |

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 254 ^[1] | 254 ^[2] | 257 | |
| Units: Percent | | | | |
| least squares mean (standard error) | -0.45 (± 0.0537) | -0.47 (± 0.0538) | -0.03 (± 0.0540) | |

Notes:

[1] - 18 patients were excluded due to a randomization system error.

[2] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|--|---------------------------|
| Statistical analysis title | Primary Endpoint Analysis |
| Statistical analysis description: | |
| H0: mean(treat) minus mean(placebo) = 0 versus the alternative H _A : mean(treat) minus mean | |

(placebo) \neq 0

| | |
|---|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 511 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[3] |
| P-value | < 0.05 ^[4] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -0.42 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -0.56 |
| upper limit | -0.28 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.0697 |

Notes:

[3] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[4] - [A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|-----------------------------------|---------------------------|
| Statistical analysis title | Primary Endpoint Analysis |
|-----------------------------------|---------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) \neq 0

| | |
|---|---|
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 511 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[5] |
| P-value | < 0.05 ^[6] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -0.45 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -0.58 |
| upper limit | -0.31 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.0696 |

Notes:

[5] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[6] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Adjusted mean percent change from baseline in Total Daily Insulin Dose (IU) at Week 24 (Repeated Measures Model [RMM])

| | |
|-----------------|--|
| End point title | Adjusted mean percent change from baseline in Total Daily Insulin Dose (IU) at Week 24 (Repeated Measures Model [RMM]) |
|-----------------|--|

End point description:

Secondary endpoint was tested using a Dunnett and Tamhane procedure according to the pre-specified order. Daily insulin dosing (basal and bolus) were recorded at baseline, Weeks 2, 12 and 24. Baseline

was defined as mean of last 7 days assessment on or prior to the date of the first dose of the double-blind study medication.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Baseline to 24 Weeks | |

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 258 ^[7] | 254 ^[8] | 258 | |
| Units: IU | | | | |
| least squares mean (standard error) | -7.74 (± 1.4881) | -12.16 (± 1.4326) | 1.16 (± 1.6593) | |

Notes:

[7] - 18 patients were excluded due to a randomization system error.

[8] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|--|---|
| Statistical analysis title | First Secondary Endpoint Analysis |
| Statistical analysis description: | |
| H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) ≠ 0 | |
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 512 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[9] |
| P-value | < 0.05 ^[10] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -13.17 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -16.75 |
| upper limit | -9.43 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.8643 |

Notes:

[9] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[10] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|--|--|
| Statistical analysis title | First Secondary Endpoint Analysis |
| Statistical analysis description: | |
| H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) ≠ 0 | |
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |

| | |
|---|--------------------------------|
| Number of subjects included in analysis | 516 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[11] |
| P-value | < 0.05 ^[12] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -8.8 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -12.56 |
| upper limit | -4.88 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.9555 |

Notes:

[11] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[12] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Adjusted mean percent change from baseline in Total Body Weight at Week 24 (Repeated Measures Model [RMM])

| | |
|-----------------|--|
| End point title | Adjusted mean percent change from baseline in Total Body Weight at Week 24 (Repeated Measures Model [RMM]) |
|-----------------|--|

End point description:

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

End point timeframe:

Baseline to 24 weeks

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 259 ^[13] | 258 ^[14] | 259 | |
| Units: Kg | | | | |
| least squares mean (standard error) | -3.00 (± 0.2330) | -3.67 (± 0.2299) | 0.05 (± 0.2407) | |

Notes:

[13] - 18 patients were excluded due to a randomization system error.

[14] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|----------------------------|------------------------------------|
| Statistical analysis title | Second Secondary Endpoint Analysis |
|----------------------------|------------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) ≠ 0

| | |
|-------------------|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
|-------------------|--|

| | |
|---|--------------------------------|
| Number of subjects included in analysis | 518 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[15] |
| P-value | < 0.05 ^[16] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -3.05 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -3.68 |
| upper limit | -2.41 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.3251 |

Notes:

[15] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[16] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|-----------------------------------|------------------------------------|
| Statistical analysis title | Second Secondary Endpoint Analysis |
|-----------------------------------|------------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) \neq 0

| | |
|---|---|
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 517 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[17] |
| P-value | < 0.05 ^[18] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -3.72 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -4.34 |
| upper limit | -3.08 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.3213 |

Notes:

[17] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[18] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Adjusted mean change from baseline in 24-Hour CGM Mean at Week 24 (Repeated Measures Model [RMM])

| | |
|-----------------|---|
| End point title | Adjusted mean change from baseline in 24-Hour CGM Mean at Week 24 (Repeated Measures Model [RMM]) |
|-----------------|---|

End point description:

Secondary endpoint was tested using a Dunnett and Tamhane procedure according to the pre-specified order. Continuous Glucose Monitoring (CGM) measured the subject's interstitial glucose level using electrodes that measure an electric signal produced by glucose oxidase reaction. 24-hour interstitial glucose levels (at a 5 min interval) were obtained during the lead-in period and at Weeks 12 and 24 of the double-blind period. Baseline was defined as mean of the last 7 days assessment on or prior to the

date of the first dose of the double-blind study medication.

| | |
|--------------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| From Baseline to Week 24 | |

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 238 ^[19] | 239 ^[20] | 234 | |
| Units: mg/dL | | | | |
| least squares mean (standard error) | -10.28 (± 1.8862) | -12.97 (± 1.9231) | 5.06 (± 1.9320) | |

Notes:

[19] - 18 patients were excluded due to a randomization system error.

[20] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|----------------------------|-----------------------------------|
| Statistical analysis title | Third Secondary Endpoint Analysis |
|----------------------------|-----------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) \neq 0

| | |
|---|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 472 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[21] |
| P-value | < 0.05 ^[22] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -15.34 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -20.22 |
| upper limit | -10.46 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.4859 |

Notes:

[21] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[22] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|----------------------------|-----------------------------------|
| Statistical analysis title | Third Secondary Endpoint Analysis |
|----------------------------|-----------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) \neq 0

| | |
|-------------------|---|
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
|-------------------|---|

| | |
|---|--------------------------------|
| Number of subjects included in analysis | 473 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[23] |
| P-value | < 0.05 ^[24] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -18.03 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -22.95 |
| upper limit | -13.11 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.505 |

Notes:

[23] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[24] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Adjusted mean change from baseline in 24-Hour Mean Amplified Glucose Excursion (MAGE) at Week 24 (Repeated Measures Model [RMM])

| | |
|-----------------|--|
| End point title | Adjusted mean change from baseline in 24-Hour Mean Amplified Glucose Excursion (MAGE) at Week 24 (Repeated Measures Model [RMM]) |
|-----------------|--|

End point description:

Secondary endpoint was tested using a Dunnett and Tamhane procedure according to the pre-specified order. Continuous Glucose Monitoring (CGM) measured the subject's interstitial glucose level using electrodes that measure an electric signal produced by glucose oxidase reaction. 24-hour interstitial glucose levels (at a 5 min interval) were obtained during the lead-in period and at Weeks 12 and 24 of the double-blind period. Baseline was defined as mean of the last 7 days assessment on or prior to the date of the first dose of the double-blind study medication.

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

End point timeframe:

From Baseline to Week 24

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 238 ^[25] | 239 ^[26] | 234 | |
| Units: mg/dL | | | | |
| least squares mean (standard error) | -14.92 (± 1.9915) | -16.55 (± 2.0419) | 2.38 (± 2.0477) | |

Notes:

[25] - 18 patients were excluded due to a randomization system error.

[26] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|-----------------------------------|------------------------------------|
| Statistical analysis title | Fourth Secondary Endpoint Analysis |
|-----------------------------------|------------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean

(placebo) \neq 0

| | |
|---|---|
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 473 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[27] |
| P-value | < 0.05 ^[28] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -18.93 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -24.13 |
| upper limit | -13.73 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.6482 |

Notes:

[27] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[28] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|-----------------------------------|------------------------------------|
| Statistical analysis title | Fourth Secondary Endpoint Analysis |
|-----------------------------------|------------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) \neq 0

| | |
|---|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 472 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[29] |
| P-value | < 0.05 ^[30] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -17.3 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -22.46 |
| upper limit | -12.14 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.6273 |

Notes:

[29] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[30] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Adjusted mean change from baseline in 24-hour CGM values > 70 mg/dL and ≤ 180 mg/dL (%) at Week 24 (Repeated Measures Model [RMM])

| | |
|-----------------|--|
| End point title | Adjusted mean change from baseline in 24-hour CGM values > 70 mg/dL and ≤ 180 mg/dL (%) at Week 24 (Repeated Measures Model [RMM]) |
|-----------------|--|

End point description:

Secondary endpoint was tested using a Dunnett and Tamhane procedure according to the pre-specified order. Continuous Glucose Monitoring (CGM) measured the subject's interstitial glucose level using

electrodes that measure an electric signal produced by glucose oxidase reaction. 24-hour interstitial glucose levels (at a 5 min interval) were obtained during the lead-in period and at Weeks 12 and 24 of the double-blind period. Baseline was defined as mean of the last 7 days assessment on or prior to the date of the first dose of the double-blind study medication.

| | |
|--------------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| From Baseline to Week 24 | |

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|-------------------------------------|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 238 ^[31] | 239 ^[32] | 234 | |
| Units: mg/dL | | | | |
| least squares mean (standard error) | 6.98 (± 0.8824) | 8.52 (± 0.9000) | -2.13 (± 0.9032) | |

Notes:

[31] - 18 patients were excluded due to a randomization system error.

[32] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|-----------------------------------|-----------------------------------|
| Statistical analysis title | Fifth Secondary Endpoint Analysis |
|-----------------------------------|-----------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) ≠ 0

| | |
|---|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 472 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[33] |
| P-value | < 0.05 ^[34] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | 9.11 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 6.83 |
| upper limit | 11.39 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.1611 |

Notes:

[33] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[34] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|-----------------------------------|-----------------------------------|
| Statistical analysis title | Fifth Secondary Endpoint Analysis |
|-----------------------------------|-----------------------------------|

Statistical analysis description:

H0: mean(treat) minus mean(placebo) = 0 versus the alternative HA: mean(treat) minus mean(placebo) ≠ 0

| | |
|-------------------|---|
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
|-------------------|---|

| | |
|---|--------------------------------|
| Number of subjects included in analysis | 473 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[35] |
| P-value | < 0.05 ^[36] |
| Method | Mixed models analysis |
| Parameter estimate | Mean difference (final values) |
| Point estimate | 10.65 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 8.35 |
| upper limit | 12.94 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.1689 |

Notes:

[35] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[36] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Secondary: Percentage of Subjects with Hemoglobin A1c [HbA1C]) reduction from baseline to Week 24 (Last Observation Carried Forward [LOCF]) \geq 0.5% and without severe hypoglycemia events

| | |
|-----------------|---|
| End point title | Percentage of Subjects with Hemoglobin A1c [HbA1C]) reduction from baseline to Week 24 (Last Observation Carried Forward [LOCF]) \geq 0.5% and without severe hypoglycemia events |
|-----------------|---|

End point description:

Secondary endpoint was tested using a Dunnett and Tamhane procedure according to the pre-specified order. Percent adjusted for baseline HbA1c and randomization strata. HbA1c was measured as a percent of hemoglobin. Severe hypoglycemia is classified according to recommendations by workgroup on hypoglycemia, American Diabetes Association (2005).

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

End point timeframe:

From Baseline to Week 24

| End point values | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin | |
|---|------------------------------|-------------------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 256 ^[37] | 254 ^[38] | 257 | |
| Units: Subjects | | | | |
| Subjects, reduction in A1c \geq 0.5% & no severe hypo | 127 | 129 | 65 | |

Notes:

[37] - 18 patients were excluded due to a randomization system error.

[38] - 37 patients were excluded due to a randomization system error.

Statistical analyses

| | |
|-----------------------------------|-----------------------------------|
| Statistical analysis title | Sixth Secondary Endpoint Analysis |
|-----------------------------------|-----------------------------------|

Statistical analysis description:

H0: odds ratio (treat/placebo) = 1 versus the alternative H_A: odds ratio (treat/placebo) \neq 1

| | |
|---|--|
| Comparison groups | Dapagliflozin 5 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 513 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[39] |
| P-value | < 0.05 ^[40] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 3.09 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.1 |
| upper limit | 4.56 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.198 |

Notes:

[39] - Dapagliflozin 5 mg + Insulin Vs. Placebo + Insulin

[40] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

| | |
|---|---|
| Statistical analysis title | Sixth Secondary Endpoint Analysis |
| Statistical analysis description: | |
| H0: odds ratio (treat/placebo) = 1 versus the alternative HA: odds ratio (treat/placebo) \neq 1 | |
| Comparison groups | Dapagliflozin 10 mg + Insulin v Placebo + Insulin |
| Number of subjects included in analysis | 511 |
| Analysis specification | Pre-specified |
| Analysis type | superiority ^[41] |
| P-value | < 0.05 ^[42] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 3.29 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.23 |
| upper limit | 4.85 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 0.1979 |

Notes:

[41] - Dapagliflozin 10 mg + Insulin Vs. Placebo + Insulin

[42] - A Dunnett and Tamhane procedure was used to control Type I error across the primary & secondary objectives. Statistical significance for both Dapa doses at 5% if 2-sided p-values from both comparisons <5%. Or the comparison with p-values <2.62%.

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Onset on or after the first date of double-blind treatment and on or prior to the last day of treatment 24-week short-term period, 28-week extension period and the 30-day follow-up period.

Adverse event reporting additional description:

Participants were questioned at each study visit about the occurrence of any health problems and any examination conducted at a study visit was assessed in comparison to the status at study entry.

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 20.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|------------------------------|
| Reporting group title | Dapagliflozin 5 mg + Insulin |
|-----------------------|------------------------------|

Reporting group description:

Dapagliflozin 5 mg + Insulin

| | |
|-----------------------|-------------------------------|
| Reporting group title | Dapagliflozin 10 mg + Insulin |
|-----------------------|-------------------------------|

Reporting group description:

Dapagliflozin 10 mg + Insulin

| | |
|-----------------------|-------------------|
| Reporting group title | Placebo + Insulin |
|-----------------------|-------------------|

Reporting group description:

Placebo + Insulin

| Serious adverse events | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin |
|---|------------------------------|-------------------------------|-------------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 37 / 277 (13.36%) | 40 / 296 (13.51%) | 30 / 260 (11.54%) |
| number of deaths (all causes) | 0 | 0 | 1 |
| number of deaths resulting from adverse events | 0 | 0 | 1 |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Adenocarcinoma of colon | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Bone cancer | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Breast cancer | | | |

| | | | |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed | 1 / 277 (0.36%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Intraductal proliferative breast lesion | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Keratoacanthoma | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Lung neoplasm malignant | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Vascular disorders | | | |
| Embolism | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Peripheral artery occlusion | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Thrombosis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Pregnancy, puerperium and perinatal conditions | | | |
| Abortion spontaneous | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |

| | | | |
|--|-----------------|-----------------|-----------------|
| General disorders and administration site conditions | | | |
| Chest pain | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 2 / 296 (0.68%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 2 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Impaired healing | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Pyrexia | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Reproductive system and breast disorders | | | |
| Benign prostatic hyperplasia | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Gynaecomastia | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pulmonary mass | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Psychiatric disorders | | | |
| Adjustment disorder | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Investigations | | | |

| | | | |
|--|-----------------|-----------------|-----------------|
| Liver function test increased subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Injury, poisoning and procedural complications | | | |
| Ankle fracture | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 2 / 260 (0.77%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 1 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Femoral neck fracture | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Foot fracture | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Hand fracture | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Intentional overdose | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Limb injury | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Lower limb fracture | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| 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 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Procedural pain | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Road traffic accident | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Tendon rupture | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 disorders | | | |
| Angina pectoris | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| 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 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Sinus tachycardia | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Nervous system disorders | | | |
| Carpal tunnel syndrome | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|-----------------|-----------------|-----------------|
| Cubital tunnel syndrome | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hypoglycaemic seizure | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Multiple sclerosis | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Eye disorders | | | |
| Blindness unilateral | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Cataract | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Ophthalmoplegia | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vitreous haemorrhage | | | |
| subjects affected / exposed | 2 / 277 (0.72%) | 0 / 296 (0.00%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal disorders | | | |
| Abdominal pain | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |

| | | | |
|---|-----------------|-----------------|-----------------|
| Abdominal pain upper | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Cyclic vomiting syndrome | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Diabetic gastroparesis | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Gastritis | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Gastrointestinal hypomotility | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Oesophagitis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Oesophagitis haemorrhagic | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vomiting | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Pancreatitis chronic | | | |

| | | | |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatobiliary disorders | | | |
| Cholecystitis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatic haematoma | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Skin and subcutaneous tissue disorders | | | |
| Diabetic foot | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 | | | |
| Obstructive uropathy | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Renal colic | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Endocrine disorders | | | |
| Hyperparathyroidism primary | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Musculoskeletal and connective tissue disorders | | | |
| Foot deformity | | | |

| | | | |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Intervertebral disc protrusion | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Osteoarthritis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Periarthritis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Spinal column stenosis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Infections and infestations | | | |
| Abscess limb | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Bronchitis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cellulitis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Chronic sinusitis | | | |

| | | | |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Influenza | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 |
| Localised infection | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Nasal abscess | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Perineal abscess | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Peritonsillar abscess | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (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 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Tooth infection | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 0 / 296 (0.00%) | 0 / 260 (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 |
| Urinary tract infection | | | |

| | | | |
|---|------------------|-----------------|-----------------|
| subjects affected / exposed | 1 / 277 (0.36%) | 1 / 296 (0.34%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 1 / 2 | 1 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Urosepsis | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 1 / 296 (0.34%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 2 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 0 / 277 (0.00%) | 0 / 296 (0.00%) | 1 / 260 (0.38%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Metabolism and nutrition disorders | | | |
| Diabetic ketoacidosis | | | |
| subjects affected / exposed | 10 / 277 (3.61%) | 7 / 296 (2.36%) | 3 / 260 (1.15%) |
| occurrences causally related to treatment / all | 3 / 11 | 5 / 7 | 0 / 3 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hypoglycaemia | | | |
| subjects affected / exposed | 2 / 277 (0.72%) | 4 / 296 (1.35%) | 3 / 260 (1.15%) |
| occurrences causally related to treatment / all | 2 / 2 | 1 / 4 | 1 / 4 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Ketoacidosis | | | |
| subjects affected / exposed | 2 / 277 (0.72%) | 4 / 296 (1.35%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 1 / 2 | 3 / 4 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ketosis | | | |
| subjects affected / exposed | 2 / 277 (0.72%) | 2 / 296 (0.68%) | 0 / 260 (0.00%) |
| occurrences causally related to treatment / all | 2 / 2 | 1 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Obesity | | | |
| subjects affected / exposed | 1 / 277 (0.36%) | 1 / 296 (0.34%) | 0 / 260 (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 |

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

| Non-serious adverse events | Dapagliflozin 5 mg + Insulin | Dapagliflozin 10 mg + Insulin | Placebo + Insulin |
|--|---------------------------------|----------------------------------|-------------------|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 123 / 277 (44.40%) | 118 / 296 (39.86%) | 99 / 260 (38.08%) |
| Nervous system disorders | | | |
| Headache | | | |
| subjects affected / exposed | 14 / 277 (5.05%) | 20 / 296 (6.76%) | 13 / 260 (5.00%) |
| occurrences (all) | 17 | 27 | 13 |
| Gastrointestinal disorders | | | |
| Diarrhoea | | | |
| subjects affected / exposed | 11 / 277 (3.97%) | 21 / 296 (7.09%) | 9 / 260 (3.46%) |
| occurrences (all) | 13 | 25 | 10 |
| Nausea | | | |
| subjects affected / exposed | 14 / 277 (5.05%) | 15 / 296 (5.07%) | 7 / 260 (2.69%) |
| occurrences (all) | 18 | 20 | 7 |
| Infections and infestations | | | |
| Gastroenteritis | | | |
| subjects affected / exposed | 15 / 277 (5.42%) | 10 / 296 (3.38%) | 8 / 260 (3.08%) |
| occurrences (all) | 16 | 13 | 10 |
| Influenza | | | |
| subjects affected / exposed | 15 / 277 (5.42%) | 15 / 296 (5.07%) | 17 / 260 (6.54%) |
| occurrences (all) | 18 | 17 | 23 |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 19 / 277 (6.86%) | 28 / 296 (9.46%) | 15 / 260 (5.77%) |
| occurrences (all) | 26 | 36 | 28 |
| Urinary tract infection | | | |
| subjects affected / exposed | 27 / 277 (9.75%) | 10 / 296 (3.38%) | 19 / 260 (7.31%) |
| occurrences (all) | 37 | 12 | 20 |
| Viral upper respiratory tract infection | | | |
| subjects affected / exposed | 51 / 277 (18.41%) | 46 / 296 (15.54%) | 48 / 260 (18.46%) |
| occurrences (all) | 67 | 65 | 66 |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-------------|--|
| 08 May 2015 | The primary purpose was to modify the Inclusion and Exclusion Criteria, based on feedback from the European Medicines Agency. EMA endorsed removing the requirement that HbA1c may not drop more than 0.5% during the lead-in phase. |
| 16 May 2016 | The primary purpose of this amendment was to increase the randomization target by 55 to maintain the power for the primary endpoint as the first 55 randomized subjects will be excluded from the primary efficacy analysis due to an IVRS randomization system error. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported