



## Clinical trial results:

### Glycemic control with GlucoTab using an ultra-long acting insulin analogue in non-critically ill patients with type 2 diabetes at the general ward

#### Summary

|                          |                 |
|--------------------------|-----------------|
| EudraCT number           | 2015-003669-27  |
| Trial protocol           | AT              |
| Global end of trial date | 12 October 2016 |

#### Results information

|                                |                 |
|--------------------------------|-----------------|
| Result version number          | v1 (current)    |
| This version publication date  | 11 January 2022 |
| First version publication date | 11 January 2022 |

#### Trial information

##### Trial identification

|                       |               |
|-----------------------|---------------|
| Sponsor protocol code | GlucoTab_U300 |
|-----------------------|---------------|

##### Additional study identifiers

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

Notes:

##### Sponsors

|                              |   |
|------------------------------|---|
| Sponsor organisation name    | Medical University of Graz, Department of Internal Medicine, Division of Endocrinology and Diabetology  |
| Sponsor organisation address | Auenbruggerplatz 15, Graz, Austria, 8010  |
| Public contact               | Julia Mader, Medical University of Graz/Department of Internal Medicine/Division of Endocrinology and Diabetology, 43 31638580254, julia.mader@medunigraz.at  |
| Scientific contact           | Julia Mader, Medical University of Graz/Department of Internal Medicine/Division of Endocrinology and Diabetology, +43 31638512383, julia.mader@medunigraz.at |

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                       | 30 May 2017     |
| Is this the analysis of the primary completion data? | Yes             |
| Primary completion date                              | 12 October 2016 |
| Global end of trial reached?                         | Yes             |
| Global end of trial date                             | 12 October 2016 |
| Was the trial ended prematurely?                     | No              |

Notes:

## General information about the trial

Main objective of the trial:

To investigate the efficacy of the GlucoTab system for glycemic management using insulin glargine U300 in non-critically ill patients with type 2 diabetes at the general ward

Protection of trial subjects:

This study was conducted in full accordance with the principles of the "Declaration of Helsinki" (as amended in Tokyo, Venice, Hong Kong, Somerset West, and Edinburgh) and with the laws and regulations of the respective European countries.

Background therapy: -

Evidence for comparator: -

|   |              |
|---|--------------|
| Actual start date of recruitment                          | 15 June 2016 |
| Long term follow-up planned                               | No           |
| Independent data monitoring committee (IDMC) involvement? | No           |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |             |
|--------------------------------------|-------------|
| Country: Number of subjects enrolled | Austria: 30 |
| Worldwide total number of subjects   | 30          |
| EEA total number of subjects         | 30          |

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)                      | 9  |
| From 65 to 84 years                       | 21 |
| 85 years and over                         | 0  |

## Subject disposition

### Recruitment

#### Recruitment details:

It was the responsibility of the investigator to obtain oral and written informed consent prior to any study-related procedures. In obtaining and documenting informed consent, the investigator complied with applicable regulatory documents and adhered to the ICH GCP guideline and to the requirements in the Declaration of Helsinki.

### Pre-assignment

#### Screening details:

This study included patients with type 2 diabetes mellitus or newly diagnosed hyperglycemia, both male and female, treated initially with oral agents, non-insulin injected antidiabetic medicine, insulin, diet or any combination of the four, and who were hospitalized for any condition at the Medical University of Graz.

### Period 1

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

### Arms

|           |               |
|-----------|---------------|
| Arm title | GlucoTab U300 |
|-----------|---------------|

#### Arm description:

.Glinide, sulfonylureas and glitazones were stopped. Metformin, SGLT2-inhibitors, GLP-1 analoga and DPP-4-inhibitors were continued according local standard procedures. Insulin therapy was adjusted according to the GlucoTab® system with incorporated software algorithm. Participants were treated with the GlucoTab® and its REACTION-Algorithm for basal bolus therapy using insulin glargine U300 and insulin glulisine. The algorithm had been tested previously using insulin glargine and had shown to safely establish glycemic control. Insulin therapy prescription for every following 24 hours was suggested once daily by the GlucoTab® system taking previous insulin doses, glucose readings, patient age, renal function and insulin sensitivity into account. The goal of the GlucoTab® system is to maintain fasting and pre-meal glucose concentrations between 70-140 mg/dL.

|  |   |
|--|---|
| Arm type                               | Experimental  |
| Investigational medicinal product name | Toujeo 300 Einheiten/ml-Injektionslösung in einem Fertigpen |
| Investigational medicinal product code | ATC-Code: A10A E04  |
| Other name                             | Toujeo, Sanofi-Aventis (insuline glargine U300)             |
| Pharmaceutical forms                   | Solution for injection in pre-filled pen                    |
| Routes of administration               | Subcutaneous use  |

#### Dosage and administration details:

According to GlucoTab®, insulin therapy was initiated at a daily dose of 0.5 units/kg. Half of this dose was administered as long acting once daily (glargine U300) and the other half as short acting insulin (glulisine) before meals. A bedtime glucose >180 mg/dL was not corrected by GlucoTab®. The initial total daily dose was reduced to 0.3 units/kg in patients ≥70 years of age and/or serum creatinine ≥ 2.0 mg/dL. In case the patient was already on insulin therapy it was possible to pre-set the doses manually.

|  |  |
|--|--|
| Investigational medicinal product name | Apidra Solostar 100 Einheiten/ml-Injektionslösung in einem Fertigpen |
| Investigational medicinal product code | A10A   |
| Other name                             | Apidra, Sanofi Aventis (Insulin glulisine)                           |
| Pharmaceutical forms                   | Solution for injection in pre-filled pen                             |
| Routes of administration               | Subcutaneous use   |

#### Dosage and administration details:

According to GlucoTab®, insulin therapy was initiated at a daily dose of 0.5 units/kg. Half of this dose was administered as long acting once daily (glargine U300) and the other half as short acting insulin (glulisine) before meals. A bedtime glucose >180 mg/dL was not corrected by GlucoTab®. The initial total daily dose was reduced to 0.3 units/kg in patients ≥70 years of age and/or serum creatinine ≥ 2.0

mg/dL. In case the patient was already on insulin therapy it was possible to pre-set the doses manually.

| <b>Number of subjects in period 1</b> | Glucotab U300 |
|---------------------------------------|---------------|
| Started                               | 30            |
| Completed                             | 30            |

## Baseline characteristics

### Reporting groups

|                       |               |
|-----------------------|---------------|
| Reporting group title | GlucoTab U300 |
|-----------------------|---------------|

Reporting group description:

.Glinide, sulfonylureas and glitazones were stopped. Metformin, SGLT2-inhibitors, GLP-1 analogs and DPP-4-inhibitors were continued according to local standard procedures. Insulin therapy was adjusted according to the GlucoTab® system with incorporated software algorithm.

Participants were treated with the GlucoTab® and its REACTION-Algorithm for basal bolus therapy using insulin glargine U300 and insulin glulisine. The algorithm had been tested previously using insulin glargine and had shown to safely establish glycemic control.

Insulin therapy prescription for every following 24 hours was suggested once daily by the GlucoTab® system taking previous insulin doses, glucose readings, patient age, renal function and insulin sensitivity into account. The goal of the GlucoTab® system is to maintain fasting and pre-meal glucose concentrations between 70-140 mg/dL.

| Reporting group values                             | GlucoTab U300 | Total |  |
|--|---------------|-------|--|
| Number of subjects                                 | 30            | 30    |  |
| 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)                               | 9             | 9     |  |
| From 65-84 years                                   | 21            | 21    |  |
| 85 years and over                                  | 0             | 0     |  |
| Age continuous                                     |               |       |  |
| Units: years                                       |               |       |  |
| arithmetic mean                                    | 67.3          |       |  |
| standard deviation                                 | ± 11.1        | -     |  |
| Gender categorical                                 |               |       |  |
| Units: Subjects                                    |               |       |  |
| Female   | 12            | 12    |  |
| Male   | 18            | 18    |  |
| HbA1c  |               |       |  |
| Units: mmol/mol                                    |               |       |  |
| arithmetic mean                                    | 78.7          |       |  |
| standard deviation                                 | ± 26.1        | -     |  |
| Serum creatinine                                   |               |       |  |
| Units: mg/dL                                       |               |       |  |
| arithmetic mean                                    | 1.3           |       |  |
| standard deviation                                 | ± 0.5         | -     |  |

## End points

### End points reporting groups

|                       |               |
|-----------------------|---------------|
| Reporting group title | GlucoTab U300 |
|-----------------------|---------------|

Reporting group description:

.Glinide, sulfonylureas and glitazones were stopped. Metformin, SGLT2-inhibitors, GLP-1 analogs and DPP-4-inhibitors were continued according to local standard procedures. Insulin therapy was adjusted according to the GlucoTab® system with incorporated software algorithm. Participants were treated with the GlucoTab® and its REACTION-Algorithm for basal bolus therapy using insulin glargine U300 and insulin glulisine. The algorithm had been tested previously using insulin glargine and had shown to safely establish glycemic control. Insulin therapy prescription for every following 24 hours was suggested once daily by the GlucoTab® system taking previous insulin doses, glucose readings, patient age, renal function and insulin sensitivity into account. The goal of the GlucoTab® system is to maintain fasting and pre-meal glucose concentrations between 70-140 mg/dL.

### Primary: Mean percentage of blood glucose measurements restricted to blood glucose values measured $\geq$ 24 hours after start of therapy in the target range 70 to 140 mg/dL

|                 |   |
|-----------------|---|
| End point title | Mean percentage of blood glucose measurements restricted to blood glucose values measured $\geq$ 24 hours after start of therapy in the target range 70 to 140 mg/dL <sup>[1]</sup> |
|-----------------|---|

End point description:

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

End point timeframe:

whole study duration  $\geq$  24 hours after start of therapy

Notes:

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

Justification: All parameters were analysed by descriptive and explorative statistical methods. No hypotheses were tested. The primary endpoint was "the mean percentage of blood glucose measurements lying in the target range from 70 to 140 mg/dL."

| End point values                     | GlucoTab U300      |  |  |  |
|--------------------------------------|--------------------|--|--|--|
| Subject group type                   | Reporting group    |  |  |  |
| Number of subjects analysed          | 30                 |  |  |  |
| Units: Percentage                    |                    |  |  |  |
| arithmetic mean (standard deviation) | 51.5 ( $\pm$ 26.2) |  |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Overall mean BG values

|                 |                        |
|-----------------|------------------------|
| End point title | Overall mean BG values |
|-----------------|------------------------|

End point description:

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

End point timeframe:  
whole study duration

| <b>End point values</b>              | GlucoTab U300   |  |  |  |
|--------------------------------------|-----------------|--|--|--|
| Subject group type                   | Reporting group |  |  |  |
| Number of subjects analysed          | 30              |  |  |  |
| Units: mg/dl                         |                 |  |  |  |
| arithmetic mean (standard deviation) |                 |  |  |  |
| Overall daily BG                     | 154 (± 26.7)    |  |  |  |
| Overall pre-breakfast BG             | 143 (± 30.1)    |  |  |  |
| Overall pre-lunch BG                 | 170 (± 42.7)    |  |  |  |
| Overall pre-dinner BG                | 156 (± 30)      |  |  |  |
| Overall bedtime BG                   | 146 (± 29.1)    |  |  |  |
| Pre-enrolment BG                     | 189 (± 57.1)    |  |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: BG measurements in different ranges (percentage)

|                        |  |
|------------------------|--|
| End point title        | BG measurements in different ranges (percentage) |
| End point description: |  |
| End point type         | Secondary  |
| End point timeframe:   |  |
| whole study duration   |  |

| <b>End point values</b>     | GlucoTab U300   |  |  |  |
|-----------------------------|-----------------|--|--|--|
| Subject group type          | Reporting group |  |  |  |
| Number of subjects analysed | 30              |  |  |  |
| Units: Percentage           |                 |  |  |  |
| number (not applicable)     |                 |  |  |  |
| 0-<40 mg/dL                 | 0.1             |  |  |  |
| 40-<60 mg/dL                | 0.3             |  |  |  |
| 40-<70 mg/dL                | 0.8             |  |  |  |
| 70-<100 mg/dL               | 13.8            |  |  |  |
| 100-140 mg/dL               | 37.7            |  |  |  |
| >140-<180 mg/dL             | 24.9            |  |  |  |
| 180-<300 mg/dL              | 21              |  |  |  |
| >=300 mg/dL                 | 1.7             |  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Missed BG measurements and insulin injections

End point title | Missed BG measurements and insulin injections

End point description:

End point type | Secondary

End point timeframe:

whole study duration except first and last study day

| End point values                | GlucoTab U300   |  |  |  |
|---------------------------------|-----------------|--|--|--|
| Subject group type              | Reporting group |  |  |  |
| Number of subjects analysed     | 30              |  |  |  |
| Units: Percentage               |                 |  |  |  |
| number (not applicable)         |                 |  |  |  |
| missed BG measurements          | 0.9             |  |  |  |
| missed bolus insulin injections | 1.3             |  |  |  |
| missed basal insulin injections | 0               |  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Overall mean numbers

End point title | Overall mean numbers

End point description:

Suggested dose: Insulin dose suggested by the first step of the algorithm before applying the sliding-scale correction

Correction dose: Insulin dose added (or subtracted) by the second step of the algorithm

Calculated dose: Insulin dose finally calculated by the algorithm

Dose correction by user: Difference between calculated insulin by the algorithm and insulin dose finally administered

Injected dose: Insulin dose finally administered

End point type | Secondary

End point timeframe:

whole study duration

|   |                    |  |  |  |
|---|--------------------|--|--|--|
| <b>End point values</b>                       | GlucoTab U300      |  |  |  |
| Subject group type                            | Reporting group    |  |  |  |
| Number of subjects analysed                   | 30                 |  |  |  |
| Units: number                                 |                    |  |  |  |
| arithmetic mean (standard deviation)          |                    |  |  |  |
| Number of BG measurements                     | 4 ( $\pm$ 0.2)     |  |  |  |
| Number of pre-meal bolus injections           | 2.8 ( $\pm$ 0.5)   |  |  |  |
| Number of standard bolus injections           | 3.1 ( $\pm$ 0.8)   |  |  |  |
| Number of standard basal injections           | 1 ( $\pm$ 0)       |  |  |  |
| Injected bolus insulin dose (U)               | 34.9 ( $\pm$ 19.9) |  |  |  |
| Calculated bolus insulin dose (U)             | 35.1 ( $\pm$ 19.6) |  |  |  |
| Suggested bolus insulin dose (U)              | 27.1 ( $\pm$ 20.5) |  |  |  |
| Bolus correction by the algorithm (U)         | 8 ( $\pm$ 8.9)     |  |  |  |
| Bolus correction by the user (U)              | -0.2 ( $\pm$ 1.4)  |  |  |  |
| Injected basal insulin dose (U)               | 29 ( $\pm$ 21)     |  |  |  |
| Suggested basal insulin dose (U)              | 29 ( $\pm$ 21)     |  |  |  |
| Corrective basal insulin dose by the user (U) | 0 ( $\pm$ 0)       |  |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Basal and bolus insulin dose corrections (percentage)

|                        |   |
|------------------------|---|
| End point title        | Basal and bolus insulin dose corrections (percentage) |
| End point description: |   |
| End point type         | Secondary   |
| End point timeframe:   | whole study duration except day 1                     |

|                                       |                 |  |  |  |
|---------------------------------------|-----------------|--|--|--|
| <b>End point values</b>               | GlucoTab U300   |  |  |  |
| Subject group type                    | Reporting group |  |  |  |
| Number of subjects analysed           | 30              |  |  |  |
| Units: Percentage                     |                 |  |  |  |
| number (not applicable)               |                 |  |  |  |
| Basal corrections by the user         | 4.5             |  |  |  |
| Bolus corrections by the user         | 5.6             |  |  |  |
| Bolus morning corrections by the user | 4.9             |  |  |  |
| Bolus noon corrections by the user    | 4.4             |  |  |  |
| Bolus evening corrections by the user | 6.7             |  |  |  |
| Bolus bedtime corrections by the user | 6.4             |  |  |  |

|                                      |     |  |  |  |
|--------------------------------------|-----|--|--|--|
| Total daily insulin dose corrections | 4.3 |  |  |  |
|--------------------------------------|-----|--|--|--|

### Statistical analyses

No statistical analyses for this end point

### Secondary: Health-care professional adherence to suggested insulin doses

|                 |   |
|-----------------|---|
| End point title | Health-care professional adherence to suggested insulin doses |
|-----------------|---|

End point description:

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

End point timeframe:

whole study duration after day 1

| End point values                                   | GlucoTab U300   |  |  |  |
|--|-----------------|--|--|--|
| Subject group type                                 | Reporting group |  |  |  |
| Number of subjects analysed                        | 30              |  |  |  |
| Units: Percentage                                  |                 |  |  |  |
| number (not applicable)                            |                 |  |  |  |
| physician adherence to total daily dose suggestion | 97.3            |  |  |  |
| physician adherence with basal insulin doses       | 99.1            |  |  |  |
| adherence for bolus insulin doses by nurses        | 95.6            |  |  |  |

### Statistical analyses

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Adverse events were assessed during the whole study duration

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

### Dictionary used

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

|                    |    |
|--------------------|----|
| Dictionary version | 23 |
|--------------------|----|

### Reporting groups

|                       |               |
|-----------------------|---------------|
| Reporting group title | GlucoTab U300 |
|-----------------------|---------------|

Reporting group description:

.Glinide, sulfonylureas and glitazones were stopped. Metformin, SGLT2-inhibitors, GLP-1 analogs and DPP-4-inhibitors were continued according to local standard procedures. Insulin therapy was adjusted according to the GlucoTab® system with incorporated software algorithm.

Participants were treated with the GlucoTab® and its REACTION-Algorithm for basal bolus therapy using insulin glargine U300 and insulin glulisine. The algorithm had been tested previously using insulin glargine and had shown to safely establish glycemic control.

Insulin therapy prescription for every following 24 hours was suggested once daily by the GlucoTab® system taking previous insulin doses, glucose readings, patient age, renal function and insulin sensitivity into account. The goal of the GlucoTab® system is to maintain fasting and pre-meal glucose concentrations between 70-140 mg/dL.

| Serious adverse events                            | GlucoTab U300  |  |  |
|---|----------------|--|--|
| Total subjects affected by serious adverse events |                |  |  |
| subjects affected / exposed                       | 0 / 30 (0.00%) |  |  |
| number of deaths (all causes)                     | 0              |  |  |
| number of deaths resulting from adverse events    | 0              |  |  |

Frequency threshold for reporting non-serious adverse events: 0 %

| Non-serious adverse events   | GlucoTab U300     |  |  |
|--|-------------------|--|--|
| Total subjects affected by non-serious adverse events                        |                   |  |  |
| subjects affected / exposed  | 30 / 30 (100.00%) |  |  |
| Vascular disorders   |                   |  |  |
| Peripheral artery disease left popliteal artery and left common iliac artery |                   |  |  |
| subjects affected / exposed  | 1 / 30 (3.33%)    |  |  |
| occurrences (all)  | 1                 |  |  |
| Diabetic foot  |                   |  |  |

|   |   |  |  |
|---|---|--|--|
| <p>subjects affected / exposed<br/>occurrences (all)</p> <p>Peripheral artery disease<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Subacute stroke<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p>                             |  |  |
| <p>Surgical and medical procedures<br/>Post-OP intraabdominal-organizing-hematoma<br/>subjects affected / exposed<br/>occurrences (all)</p>   | <p>1 / 30 (3.33%)<br/>1</p>   |  |  |
| <p>Cardiac disorders<br/>Hypotension<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Collapse<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Coronary artery disease (2 vessels)<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Coronary artery disease (1 vessel)<br/>subjects affected / exposed<br/>occurrences (all)</p> | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p> |  |  |
| <p>Nervous system disorders<br/>Diabetic neuropathy<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Acute onset of headache<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p>   |  |  |
| <p>Blood and lymphatic system disorders<br/>Hypokalaemia<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p>   |  |  |

|  |   |  |  |
|--|---|--|--|
| <p>Ear and labyrinth disorders</p> <p>Cerumen obturans right ear<br/>subjects affected / exposed<br/>occurrences (all)</p>   | <p>1 / 30 (3.33%)<br/>1</p>   |  |  |
| <p>Eye disorders</p> <p>Papilledema<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p>   |  |  |
| <p>Gastrointestinal disorders</p> <p>Intestinal wall thickening<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>3 Polyps of the colon<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Diarrhoea<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Ileus/Subileus<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Gastroenteritis<br/>subjects affected / exposed<br/>occurrences (all)</p> | <p>1 / 30 (3.33%)<br/>1</p> |  |  |
| <p>Hepatobiliary disorders</p> <p>Liver enzyme elevation and steatosis<br/>hepatis<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Gallstone disease<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p>   |  |  |
| <p>Skin and subcutaneous tissue disorders</p> <p>Balanitis candida<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Drug eruption</p>  | <p>1 / 30 (3.33%)<br/>1</p>   |  |  |

|  |  |  |  |
|--|--|--|--|
| <p>subjects affected / exposed<br/>occurrences (all)</p> <p>Vaginitis due to candida infection<br/>subjects affected / exposed<br/>occurrences (all)</p>   | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p>                              |  |  |
| <p>Renal and urinary disorders</p> <p>Urinary tract infection<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Renal cyst<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Detoriation of kidney insufficiency<br/>subjects affected / exposed<br/>occurrences (all)</p> | <p>3 / 30 (10.00%)<br/>3</p> <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p> |  |  |
| <p>Endocrine disorders</p> <p>Hypoglycaemia<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>1 / 30 (3.33%)<br/>1</p>  |  |  |
| <p>Musculoskeletal and connective tissue disorders</p> <p>Fracture of the bridge of the nose<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Lumbar disk herniation<br/>subjects affected / exposed<br/>occurrences (all)</p>   | <p>1 / 30 (3.33%)<br/>1</p> <p>1 / 30 (3.33%)<br/>1</p>                              |  |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? No

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### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

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

|   |
|---|
| limited number of patients; no randomization; study was only performed at one clinical ward |
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Notes: