



Clinical Trial Results Website

**Sponsor**

Novartis Pharmaceuticals

**Generic Drug Name**

Osilodrostat

**Trial Indication(s)**

All types of endogenous Cushing's syndrome except Cushing's disease

**Protocol Number**

CLCI699C1201

**Protocol Title**

A Phase II, open-label, dose titration, multi-center study to assess the safety/tolerability and efficacy of osilodrostat in patients with all types of endogenous Cushing's syndrome except Cushing's disease

**Clinical Trial Phase**

Phase 2

**Phase of Drug Development**

Phase III

**Study Start/End Dates**

Study Start Date: September 2015 (Actual)

Primary Completion Date: June 2018 (Actual)

Study Completion Date: October 2018 (Actual)

**Reason for Termination (If applicable)**

Not Applicable

### **Study Design/Methodology**

This was a Phase II, single arm, open-label, dose titration, multi-center study which consisted of two distinct Study Periods plus an optional extension period in non-CD patients with CS. The 3 Study Periods (two distinct Study Periods plus an optional extension period) were as follows:

**Study Period I [Week 0 (Day 1) to Week-12]:** Study Period I was the dose titration period to achieve a stable therapeutic dose and to assess the efficacy and safety of osilodrostat.

The dosing regimen of osilodrostat in this study was to be titrated according to the following escalation sequence: osilodrostat 2 mg bid, 5 mg bid, 10 mg bid, 20 mg bid, and 30 mg bid. Dose adjustments were based on the serum cortisol values measured by the local lab at each site. Osilodrostat titration could be done weekly for the initial 4-weeks, up to a maximum dose of 10 mg bid.

The mean of three 24-hour UFC (mUFC) values were measured to evaluate the efficacy in this period.

**Study Period II (After Week-12 to Week-48):** Study Period II was the period to assess the sustainability of efficacy and long term safety.

During Study Period II, only patients who tolerated and agreed to continue osilodrostat treatment continued on the study. The patient was to be administered with the stable therapeutic dose which was achieved in the Study Period I

**Optional extension period (After Week-48):** Patients who continue to receive clinical benefit, as assessed by the study Investigator and who wish to enter the extension period were to be reconsented at Week-48. Patients who entered the extension period were to be continued to be treated with the study drug without interruption to be assessed for efficacy and safety. Patients who continued to benefit from study treatment as assessed by the study investigator and who completed Week-72 were to be offered to participate in a separate long-term safety follow-up study. The optional extension period will end after all patients have completed Week-72 or have discontinued early.

**Post-treatment Follow-up:** All patients had 30 days safety follow-up after the last dose of study treatment.

**Note: The data represented in the Summary of Efficacy and Summary of Safety results includes individual patient data with anonymized patient identification**

### **Centers**

Japan(4)

### **Objectives:**

#### **Primary objective:**

- To assess the percent change from baseline in the mean Urine Free Cortisol (mUFC) at the individual patient level at Week-12.

#### **Secondary objective:**

- To assess the percent change from baseline in the mUFC at the individual patient level at Week-24 and Week-48.
- To assess the absolute and percent change from baseline in mUFC at Week-12, Week-24 and Week-48.
- To assess the complete, partial, and overall response rate at Week-12, Week-24 and Week-48.
- To assess the absolute and percent change from baseline in morning serum cortisol at the individual patient level at Week-12, Week-24 and Week-48.
- To assess the absolute and percent change from baseline in steroid hormones at the individual patient level at Week-12, Week-24 and Week-48.
- To assess the change from baseline in cardiovascular-related metabolic parameters associated with CS at Week-12, Week-24 and Week-48.
- To assess the general safety of osilodrostat.
- To assess the change from baseline in Patient-Reported Outcome (Health Related Quality of Life) at individual patient level at Week-12, Week-24 and Week-48.
- To evaluate pharmacokinetics (PK) of osilodrostat in patients with CS.

**Test Product (s), Dose(s), and Mode(s) of Administration**

Oral tablets of LCI699 1 mg, 5 mg, 10 mg, 20 mg. The dosing regimen: 2 mg b.i.d., 5 mg b.i.d., 10 mg b.i.d., 20 mg b.i.d., and 30 mg b.i.d.

**Statistical Methods**

The following analysis sets were defined:

Full analysis set (FAS) comprised of all the enrolled patients who received at least one dose of osilodrostat.

Safety analysis set included all patients who received at least one dose of osilodrostat and had at least one valid post-baseline safety assessment.

Pharmacokinetic analysis set (PAS) consisted of FAS who had at least one evaluable PK concentration.

There was no statistical hypothesis set up in this study. Endpoints were presented in a descriptive manner and/or summarized by frequency count and percentages for categorical data or by appropriate descriptive statistics (i.e. mean, standard deviation (SD), median, minimum and maximum) for continuous data.

Analyses of primary and all secondary efficacy endpoints were based on the FAS. Safety analyses was based on the safety analysis set. Listings were presented by disease types (ectopic corticotropin syndrome, adrenal adenoma, and AIMAH).

The change and percent change of mean Urine Free Cortisol (mUFC) were plotted over time by patient level data for the FAS. Additionally, summary was provided with corresponding 95% confidence intervals (CIs) at Weeks 12, 24 and 48.

Complete response rates (defined as the proportion of enrolled patients who have  $mUFC \leq$  Upper normal limit (ULN)), partial response rates (defined as the proportion of enrolled patients who have  $mUFC > ULN$  and at least 50% reduction from baseline) and overall response rates (defined as the proportion of enrolled patients with  $mUFC \leq ULN$  or at least 50% reduction from baseline) were presented along with exact 95% confidence interval at Weeks 12, 24 and 48.

The change and percent change from baseline in morning serum cortisol were summarized over time in addition to plots of individual patient data for the FAS. The changes in ACTH and other adrenal steroid hormones, and cardiovascular-related metabolic parameters associated with Cushing's syndrome were listed for the FAS.

### **Study Population: Key Inclusion/Exclusion Criteria**

Inclusion Criteria:

- Patients with confirmed Cushing's syndrome [i.e. ectopic corticotropin syndrome, adrenal adenoma, adrenal carcinoma, ACTH-Independent Macronodular Adrenal Hyperplasia (AIMAH), or Primary Pigmented Nodular Adrenal Dysplasia (PPNAD)]
- For patients on medical treatment for hypercortisolism due to Cushing's syndrome, the washout periods had to be completed prior to baseline efficacy assessments

Exclusion Criteria:

- Patients with Cushing's disease
- History of hypersensitivity to osilodrostat or to drugs of similar chemical classes
- History of malignancy of any organ system, treated or untreated, within the past 5 years
- Patients receiving treatment for within 4 weeks or  $\leq 5$  x half-life of the agent (whichever is longer) before first dose of osilodrostat
- Patients with risk factors for QTc prolongation or Torsade de Pointes

### **Participant Flow Table**

#### **Overall Study**

|   | <b>Osilodrostat</b>                                     | <b>Total</b> |
|---|---|--------------|
| <b>Arm/Group Description</b>              | Patients in this arm took the study drug, osilodrostat. |              |
| <b>Started</b>                            | 9   | 9            |
| <b>Completed Week-12 (Study period I)</b> | 7   | 7            |

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|   |   |   |
|---|---|---|
| <b>Discontinued at or prior to Week-12</b>      | 2 | 2 |
| <b>Completed Week-12, did not enter per. II</b> | 3 | 3 |
| <b>Completed Week-12, entered Study per. II</b> | 4 | 4 |
| <b>Completed Week-48 (Study period II)</b>      | 2 | 2 |
| <b>Discontinued at or prior to Week48</b>       | 2 | 2 |
| <b>Compl. Wk-48, didn't enter opt. ext. per</b> | 0 | 0 |
| <b>Compl. Wk-48, entered opt. ext. period</b>   | 2 | 2 |
| <b>Completed optional extension period</b>      | 0 | 0 |
| <b>Discontinued study in optional ext. per.</b> | 2 | 2 |
| <b>Completed</b>                                | 3 | 3 |

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|                                  |   |   |
|----------------------------------|---|---|
| <b>Not Completed</b>             | 6 | 6 |
| Adverse Event                    | 4 | 4 |
| Subject/<br>Guardian<br>decision | 2 | 2 |

**Baseline Characteristics**

|   | <b>Osilodrostat</b>                                     | <b>Total</b> |
|---|---|--------------|
| <b>Arm/Group Description</b>  | Patients in this arm took the study drug, osilodrostat. |              |
| <b>Number of Participants [units: participants]</b>   | 9   | 9            |
| <b>Age Continuous</b><br>(units: years)<br>Mean ± Standard Deviation                        | 51.0±18.17  |              |
| <b>Sex: Female, Male</b><br>(units: participants)<br>Count of Participants (Not Applicable) |   |              |
| Female  | 7   | 7            |
| Male  | 2   | 2            |
| <b>Race/Ethnicity, Customized</b><br>(units: participants)                                  |   |              |
| Japanese  | 9   | 9            |

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**Type of disease**

(units: Participants)

|  |   |   |
|--|---|---|
| ACTH-Independent<br>Macronodular Adrena;l<br>Hyperplasia | 1 | 1 |
| Adrenal Adenoma  | 5 | 5 |
| Ectopic Corticotropin<br>Syndrome                        | 3 | 3 |

**Summary of Efficacy**
**Primary Outcome Result(s)**
**Percent change in the mean Urine Free Cortisol (mUFC) at the individual level at Week 12**

(Time Frame: Baseline, 12 weeks)

|   | <b>Osilodrostat</b>   |
|---|---|
| <b>Arm/Group Description</b>  | Patients in<br>this arm took<br>the study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>  | 7   |
| <b>Percent change in the mean Urine Free<br/>Cortisol (mUFC) at the individual level at<br/>Week 12</b><br>(units: percentage change) |   |
| AIMAH- Patient 1 (n=1)  | -99.0   |
| Adrenal adenoma - Patient<br>1 (n=1)  | -97.8   |



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|   |       |
|---|-------|
| Adrenal adenoma - Patient<br>2 (n=1)                | -94.5 |
| Adrenal adenoma - Patient<br>3 (n=1)                | -91.5 |
| Adrenal adenoma - Patient<br>4 (n=1)                | -81.8 |
| Adrenal adenoma - Patient<br>5 (n=1)                | -52.6 |
| Ectopic corticotropin<br>syndrome - Patient 1 (n=1) | -99.0 |
| Ectopic corticotropin<br>syndrome - Patient 2(n=0)  |       |
| Ectopic corticotropin<br>syndrome - Patient 3 (n=0) |       |

**Secondary Outcome Result(s)**
**Percent change from baseline in the mUFC at individual patient level at Week 24 (day 169) and Week 48 (day 337)**

(Time Frame: Baseline, Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Percent change from baseline in the mUFC at individual patient level at Week 24 (day 169) and Week 48 (day 337)</b> |   |

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(units: percentage change)

|   |       |
|---|-------|
| AIMAH-Patient (Pt) 1:<br>Week (Wk) 24 (n=1)           | -99.5 |
| AIMAH-Patient 1:Wk 48<br>(n=1)                        | -99.1 |
| Adrenal adenoma-Patient<br>1: Wk 24(n=0)              |       |
| Adrenal adenoma-Patient<br>1: Wk 48(n=0)              |       |
| Adrenal adenoma-Patient<br>2: Wk 24(n=1)              | -85.2 |
| Adrenal adenoma-Patient<br>2: Wk 48(n=0)              |       |
| Adrenal adenoma-Patient<br>3: Wk 24(n=0)              |       |
| Adrenal adenoma-Patient<br>3: Wk 48(n=0)              |       |
| Adrenal adenoma-Patient<br>4: Wk 24(n=0)              |       |
| Adrenal adenoma-Patient<br>4: Wk 48(n=0)              |       |
| Adrenal adenoma-Patient<br>5: Wk 24(n=0)              |       |
| Adrenal adenoma-Patient<br>5: Wk 48(n=0)              |       |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk<br>24(n=1) | -91.6 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk<br>48(n=1) | -91.0 |

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Ectopic corticotropin  
syndrome-Pt 2: Wk  
24(n=0)

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Ectopic corticotropin  
syndrome-Pt 2: Wk  
48(n=0)

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Ectopic corticotropin  
syndrome-Pt 3: Wk  
24(n=0)

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Ectopic corticotropin  
syndrome-Pt 3: Wk  
48(n=0)

**Absolute change from baseline in the mUFC at Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337)**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in<br>this arm took<br>the study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>   | 7   |
| <b>Absolute change from baseline in the<br/>mUFC at Week 12 (day 85), Week 24 (day<br/>169) and Week 48 (day 337)</b><br>(units: nmol/24hr)<br>Median (Full Range) |   |
| Week 12 (day 85)( n = 7)   | -422.10<br>(-10487.5 to -<br>157.0)                                 |

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|                           |                                  |
|---------------------------|----------------------------------|
| Week 24 (day 169) (n = 3) | -7428.10<br>(-9702.0 to -367.9)  |
| Week 48 (day 337) (n = 2) | -8521.00<br>(-9640.5 to -7401.5) |

**Percentage change from baseline in the mUFC at Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337)**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Percentage change from baseline in the mUFC at Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337)</b><br>(units: percentage change)<br>Median (Full Range) |   |
| Week 12 (day 85)( n = 7)   | -94.47<br>(-99.0 to -52.6)                              |
| Week 24 (day 169) (n = 3)  | -91.57<br>(-99.5 to -85.2)                              |
| Week 48 (day 337) (n = 2)  | -95.04<br>(-99.1 to -91.0)                              |

**Percentage of participants with mUFC response of complete, partial, and overall response**

(Time Frame: 12, 24 and 48 weeks)

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 9   |
| <b>Percentage of participants with mUFC response of complete, partial, and overall response</b><br>(units: Percentage of participants)<br>Number (95% Confidence Interval) |   |
| Week 12: Complete responders   | 66.7<br>(29.9 to 92.5)                                  |
| Week 12: Partial responders  | 11.1<br>(0.3 to 48.2)                                   |
| Week 12: Overall responders  | 77.8<br>(40.0 to 97.2)                                  |
| Week 24: Complete responders (n =3)  | 66.7<br>(9.4 to 99.2)                                   |
| Week 24: Partial responders (n = 3)  | 33.3<br>(0.8 to 90.6)                                   |
| Week 24: Overall responders (n = 3)  | 100<br>(29.2 to 100.0)                                  |
| Week 48: Complete responders (n = 2)   | 50.0<br>(1.3 to 98.7)                                   |
| Week 48: Partial responders (n = 2)  | 50.0<br>(1.3 to 98.7)                                   |

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Week 48: Overall responders (n = 2) 100 (15.8 to 100.0)

**Absolute change from baseline in morning serum cortisol at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>   |   |
|---|---|
| <b>Arm/Group Description</b>  | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>  | 7   |
| <b>Absolute change from baseline in morning serum cortisol at individual level</b><br>(units: nmol/L) |   |
| AIMAH-Patient (Pt) 1: Week (Wk) 12 (n = 1)  | -607  |
| AIMAH-Patient 1: Wk 24 (n = 1)  | -571  |
| AIMAH-Patient 1: Wk 48 (n = 1)  | -580  |
| Adrenal adenoma-Patient 1: Wk 12 (n =1)   | -334  |
| Adrenal adenoma-Patient 1:Wk 24 (n =0)  |   |
| Adrenal adenoma-Patient 1: Wk 48 (n =0)   |   |

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|   |      |
|---|------|
| Adrenal adenoma-Patient<br>2: Wk 12(n =1)               | -157 |
| Adrenal adenoma-Patient<br>2: Wk 24 (n =1)              | -135 |
| Adrenal adenoma-Patient<br>2: Wk 48 (n =0)              |      |
| Adrenal adenoma-Patient<br>3: Wk 12 (n =1)              | -300 |
| Adrenal adenoma-Patient<br>3: Wk 24 (n =0)              |      |
| Adrenal adenoma-Patient<br>3: Wk 48 (n =0)              |      |
| Adrenal adenoma-Patient<br>4: Wk 12 (n =1)              | -30  |
| Adrenal adenoma-Patient<br>4: Wk 24 (n =0)              |      |
| Adrenal adenoma-Patient<br>4: Wk 48 (n =0)              |      |
| Adrenal adenoma-Patient<br>5: Wk 12 (n =1)              | -13  |
| Adrenal adenoma-Patient<br>5: Wk 24 (n =0)              |      |
| Adrenal adenoma-Patient<br>5: Wk 48 (n =0)              |      |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 12 (n<br>=1) | -949 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk24<br>(n=1)   | -927 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk48<br>(n=1)   | -861 |

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Ectopic corticotropin  
syndrome-Pt 2: Wk 12 (n  
=0)

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Ectopic corticotropin  
syndrome-Pt 2: Wk 24  
(n=0)

---

Ectopic corticotropin  
syndrome-Pt 2: Wk48  
(n=0)

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Ectopic corticotropin  
syndrome-Pt 3: Wk 12 (n  
=0)

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Ectopic corticotropin  
syndrome-Pt 3: Wk24  
(n=0)

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Ectopic corticotropin  
syndrome-Pt 3: Wk48  
(n=0)

**Percentage change from baseline in morning serum cortisol at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in<br>this arm took<br>the study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>                         | 7   |
| <b>Percentage change from baseline in<br/>morning serum cortisol at individual<br/>level</b> |   |



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(units: percentage change)

|   |       |
|---|-------|
| AIMAH-Patient (Pt) 1:<br>Week (Wk) 12 (n = 1) | -73.3 |
| AIMAH-Patient 1: Wk 24 (n = 1)                | -69.0 |
| AIMAH-Patient 1: Wk 48 (n = 1)                | -70.0 |
| Adrenal adenoma-Patient<br>1: Wk 12 (n =1)    | -78.0 |
| Adrenal adenoma-Patient<br>1:Wk 24 (n =0)     |       |
| Adrenal adenoma-Patient<br>1: Wk 48 (n =0)    |       |
| Adrenal adenoma-Patient<br>2: Wk 12(n =1)     | -50.8 |
| Adrenal adenoma-Patient<br>2: Wk 24 (n =1)    | -43.7 |
| Adrenal adenoma-Patient<br>2: Wk 48 (n =0)    |       |
| Adrenal adenoma-Patient<br>3: Wk 12 (n =1)    | -56.1 |
| Adrenal adenoma-Patient<br>3: Wk 24 (n =0)    |       |
| Adrenal adenoma-Patient<br>3: Wk 48 (n =0)    |       |
| Adrenal adenoma-Patient<br>4: Wk 12 (n =1)    | -8.7  |
| Adrenal adenoma-Patient<br>4: Wk 24 (n =0)    |       |
| Adrenal adenoma-Patient<br>4: Wk 48 (n =0)    |       |

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|   |       |
|---|-------|
| Adrenal adenoma-Patient<br>5: Wk 12 (n =1)              | -3.5  |
| Adrenal adenoma-Patient<br>5: Wk 24 (n =0)              |       |
| Adrenal adenoma-Patient<br>5: Wk 48 (n =0)              |       |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 12 (n<br>=1) | -71.4 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk24<br>(n=1)   | -69.7 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk48<br>(n=1)   | -64.7 |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk 12 (n<br>=0) |       |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk24<br>(n=0)   |       |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk48<br>(n=0)   |       |
| Ectopic corticotropin<br>syndrome-Pt 3: Wk 12 (n<br>=0) |       |
| Ectopic corticotropin<br>syndrome-Pt 3: Wk24<br>(n=0)   |       |
| Ectopic corticotropin<br>syndrome-Pt 3: Wk48<br>(n=0)   |       |

**Absolute change from baseline in ACTH and other adrenal steroid hormones at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

|  | <b>ACTH</b>                  | <b>Serum 11-deoxycorticosterone</b>                    | <b>Aldosterone</b>                    | <b>Estradiol</b>                    |
|--|------------------------------|--|---------------------------------------|-------------------------------------|
| <b>Arm/Group Description</b>   | Adrenocorticotrophic hormone | adrenal steroid hormones: Serum 11-deoxycorticosterone | adrenal steroid hormones: Aldosterone | adrenal steroid hormones: Estradiol |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7                            | 7  | 7                                     | 7                                   |
| <b>Absolute change from baseline in ACTH and other adrenal steroid hormones at individual level</b><br>(units: pmol/L) |                              |  |                                       |                                     |
| AIMAH-Patient (Pt) 1 Wk 12 (n=1,1,1,1)   | 0                            | 2179   | 52                                    | 705                                 |
| AIMAH-Pt 1 Wk 24 (n=1,1,1,1)   | 0                            | 3601   | 236                                   | 235                                 |
| AIMAH-Pt 1 Wk 48 (n=1,1,1,1)   | 0                            | 454  | 170                                   | 400                                 |
| Adrenal adenoma-Pt 1 Wk 12 (n=1,1,1,1)   | 1.1                          | 2966   | -27                                   | -404                                |
| Adrenal adenoma-Pt 1 Wk 24 (n =0,0,0,0)  |                              |  |                                       |                                     |
| Adrenal adenoma-Pt 1 Wk 48 (n=0,0,0,0)   |                              |  |                                       |                                     |
| Adrenal adenoma-Pt 2 Wk 12 (n=1,1,1,1)   | 0                            | 5145   | -981                                  | 4                                   |
| Adrenal adenoma-Pt 2 Wk 24(n=1,1,1,1)  | 0                            | 0  | 450                                   | -4                                  |
| Adrenal adenoma-Pt 2 Wk 48 (n=0,0,0,0)   |                              |  |                                       |                                     |

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|   |       |      |      |     |
|---|-------|------|------|-----|
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1,1,1,1)         | 0     | 0    | -147 | 77  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0, 0,0,0)        |       |      |      |     |
| Adrenal adenoma-Pt 3 Wk<br>48(n=0,0,0,0)          |       |      |      |     |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1,1,1,1)         | 0     | 787  | 3    | 18  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0,0,0,0)         |       |      |      |     |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0,0,0,0)         |       |      |      |     |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1,1,1,1)         | 0     | 0    | 0    | -11 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0,0,0,0)         |       |      |      |     |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0,0,0,0)         |       |      |      |     |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 12 (n=1,1,1,1) | -67.7 | -696 | 145  | 51  |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 24 (n=1,1,1,1) | -47.3 | -91  | 40   | -11 |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 48 (n=1,1,1,1) | 13.3  | -91  | 37   | 11  |
| Ectopic ACTH syndrome-<br>Pt 2: Wk 12 (n=0,0,0,0) |       |      |      |     |
| Ectopic ACTH syndrome-<br>Pt 2: Wk 24 (n=0,0,0,0) |       |      |      |     |
| Ectopic ACTH syndrome-<br>Pt 2: Wk 48 (n=0,0,0,0) |       |      |      |     |
| Ectopic ACTH syndrome-<br>Pt 3: Wk 12 (n=0,0,0,0) |       |      |      |     |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 3: Wk 24 (n=0,0,0,0)

Ectopic ACTH syndrome-  
Pt 3: Wk 48 (n=0,0,0,0)

**Percentage change from baseline in ACTH and other adrenal steroid hormones at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

|   | <b>ACTH</b>                  | <b>Serum 11-deoxycorticosterone</b>                    | <b>Aldosterone</b>                    | <b>Estradiol</b>                    |
|---|------------------------------|--|---------------------------------------|-------------------------------------|
| <b>Arm/Group Description</b>  | Adrenocorticotrophic hormone | adrenal steroid hormones: Serum 11-deoxycorticosterone | adrenal steroid hormones: Aldosterone | adrenal steroid hormones: Estradiol |
| <b>Number of Participants Analyzed [units: participants]</b>  | 7                            | 7  | 7                                     | 7                                   |
| <b>Percentage change from baseline in ACTH and other adrenal steroid hormones at individual level</b><br>(units: percentage change) |                              |  |                                       |                                     |
| AIMAH-Patient (Pt) 1 Wk 12 (n =0,1,0,1)   |                              | 118.0  |                                       | 1282                                |
| AIMAH-Pt 1 Wk 24 (n=0,1,0,1)  |                              | 195.1  |                                       | 427.3                               |
| AIMAH-Pt 1 Wk 48 (n=0,1,0,1)  |                              | 24.6   |                                       | 727.3                               |
| Adrenal adenoma-Pt 1 Wk 12 (n =0,0,1,1)   |                              |  | -13.9                                 | -53.7                               |
| Adrenal adenoma-Pt 1 Wk 24 (n =0,0,0,0)   |                              |  |                                       |                                     |
| Adrenal adenoma-Pt 1 Wk 48 (n =0,0,0,0)   |                              |  |                                       |                                     |
| Adrenal adenoma-Pt 2 Wk 12 (n =0,0,1,1)   |                              |  | -100                                  | 1.9                                 |

**Clinical Trial Results Website**

|   |       |       |       |
|---|-------|-------|-------|
| Adrenal adenoma-Pt 2 Wk<br>24 (n =0,0,1,1)        |       | 45.9  | -1.9  |
| Adrenal adenoma-Pt 2 Wk<br>48 (n =0,0,0, 0)       |       |       |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n =0,0,1,1)        |       | -75.0 | 513.3 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0,0,0,0)        |       |       |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0,0,0,0)        |       |       |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =0,0,1,1)        |       | 10.0  | 120.0 |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0,0,0,0)        |       |       |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0,0,0,0)        |       |       |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =0,0,0,1)        |       |       | -100  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0,0,0,0)        |       |       |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0,0,0,0)        |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 12 (n=1,1,0,1) | -71.6 | -100  | 72.9  |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 24 (n=1,1,0,1) | -50.0 | -13.1 | -15.7 |
| Ectopic ACTH syndrome-<br>Pt 1: Wk 48 (n=1,1,0,1) | 14.1  | -13.1 | 15.7  |
| Ectopic ACTH syndrome-<br>Pt 2: Wk 12 (n=0,0,0,0) |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0,0,0,0) |       |       |       |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 2 Wk 48 (n =0,0,0,0)

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Ectopic ACTH syndrome-  
Pt 3 Wk 12 (n =0,0,0,0)

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Ectopic ACTH syndrome-  
Pt 3 Wk 24 (n =0,0,0,0)

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Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n =0,0,0,0)

**Absolute change from baseline in other adrenal steroid hormones at individual levels**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Arm/Group Description</b>   | <b>Serum 11-deoxycortisol</b>                       | <b>Testosterone</b>                       |
|--|---|---|
|  | adrenal steroid hormones:<br>Serum 11-deoxycortisol | adrenal steroid hormones:<br>Testosterone |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   | 7   |
| <b>Absolute change from baseline in other adrenal steroid hormones at individual levels</b><br>(units: nmol/L) |   |   |
| AIMAH-Patient (Pt) 1 Wk 12 (n = 1,1)   | -4.35   | 0.76                                      |
| AIMAH-Pt 1 Wk 24 (n = 1,1)   | -8.5  | 0.66                                      |
| AIMAH-Pt 1 Wk 48 (n = 1,1)   | -15.54  | -0.03                                     |
| Adrenal adenoma-Pt 1 Wk 12 (n = 1,1)   | 6.91  | 0.31                                      |

**Clinical Trial Results Website**

|  |        |       |
|--|--------|-------|
| Adrenal adenoma-Pt 1 Wk<br>24 (n =0,0)         |        |       |
| Adrenal adenoma-Pt 1 Wk<br>48 (n =0,0)         |        |       |
| Adrenal adenoma-Pt 2 Wk<br>12 (n = 1,1)        | 2.81   | 0.11  |
| Adrenal adenoma-Pt 2 Wk<br>24 (n = 1,1)        | -0.64  | -0.35 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n = 0,0)        |        |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n = 1,1)        | 7.34   | 0.42  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n = 0, 0)       |        |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0,0)         |        |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n = 1,1)        | 3.5    | 0.03  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n = 0,0)        |        |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n = 0,0)        |        |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n = 1,1)        | -1.39  | 0     |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0,0)         |        |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n = 0,0)        |        |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n = 1,1)  | -15.81 | 5.83  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n = 1,1) | -12.41 | -2.71 |



**Clinical Trial Results Website**

|  |       |       |
|--|-------|-------|
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n = 1,1) | -2.52 | -2.01 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n = 0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n = 0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n = 0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12(n =0,0)   |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n = 0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48(n = 0,0)  |       |       |

**Percentage change from baseline in other adrenal steroid hormones at individual levels**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Arm/Group Description</b>  | <b>Serum 11-<br/>deoxycortisol</b>                            | <b>Testosterone</b>                             |
|---|---|---|
|   | adrenal<br>steroid<br>hormones:<br>Serum 11-<br>deoxycortisol | adrenal<br>steroid<br>hormones:<br>Testosterone |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>  | 7   | 7   |
| <b>Percentage change from baseline in other adrenal steroid<br/>hormones at individual levels</b><br>(units: percentage change) |   |   |
| AIMAH-Patient (Pt) 1 Wk<br>12 (n=1, 1)  | -17.8   | 73.1  |

**Clinical Trial Results Website**

|                                     |       |       |
|-------------------------------------|-------|-------|
| AIMAH-Pt 1 Wk 24 (n=1, 1)           | -34.9 | 63.5  |
| AIMAH-Pt 1 Wk 48 (n=1, 1)           | -63.7 | -2.9  |
| Adrenal adenoma-Pt 1 Wk 12 (n=1,1)  | 143.7 | 100.0 |
| Adrenal adenoma-Pt 1 Wk 24 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 1 Wk 48 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 2 Wk 12 (n=1,1)  | 108.9 | 10.6  |
| Adrenal adenoma-Pt 2 Wk 24 (n=1,1)  | -24.8 | -33.7 |
| Adrenal adenoma-Pt 2 Wk 48 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 3 Wk 12 (n=1, 1) | 127.2 | 93.3  |
| Adrenal adenoma-Pt 3 Wk 24 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 3 Wk 48 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 4 Wk 12 (n=1, 1) | 267.2 | 14.3  |
| Adrenal adenoma-Pt 4 Wk 24 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 4 Wk 48 (n=0,0)  |       |       |
| Adrenal adenoma-Pt 5 Wk 12 (n=1,1)  | -43.2 | 0.0   |
| Adrenal adenoma-Pt 5 Wk 24 (n=0,0)  |       |       |

**Clinical Trial Results Website**

 Adrenal adenoma-Pt 5 Wk  
 48 (n=0,0)

|   |       |       |
|---|-------|-------|
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n=1, 1) | -64.8 | 96.5  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1, 1) | -50.9 | -44.9 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1, 1) | -10.3 | -33.3 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0,0)  |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0,0)  |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0,0)  |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12(n=0,0)   |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n=0,0)  |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n=0,0)  |       |       |

**Absolute change from baseline in cardiovascular-related metabolic parameter, fasting glucose, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in<br>this arm took<br>the study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b> | 7   |

**Clinical Trial Results Website**
**Absolute change from baseline in cardiovascular-related metabolic parameter, fasting glucose, at individual level**

(units: mmol/L)

|                                      |       |
|--------------------------------------|-------|
| AIMAH-Patient (Pt) 1 Wk<br>12 (n =1) | -0.78 |
| AIMAH-Patient (Pt) 1 Wk<br>24 (n =1) | -0.84 |
| AIMAH-Patient (Pt) 1 Wk<br>48 (n =1) | -0.78 |
| Adrenal adenoma-Pt 1 Wk<br>12 (n =1) | 1.22  |
| Adrenal adenoma-Pt 1 Wk<br>24 (n =0) |       |
| Adrenal adenoma-Pt 1 Wk<br>48 (n =0) |       |
| Adrenal adenoma-Pt 2 Wk<br>12 (n =1) | -1.89 |
| Adrenal adenoma-Pt 2 Wk<br>24 (n =1) | 0.22  |
| Adrenal adenoma-Pt 2 Wk<br>48 (n =0) |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n =1) | -0.28 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0) |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0) |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1) | -0.67 |

**Clinical Trial Results Website**

|   |       |
|---|-------|
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0)        |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1)        | -0.05 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0)        |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n =1) | -0.33 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1) | -0.39 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1) | 0.06  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0)  |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0) |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n =0) |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n=0)  |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n =0) |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n =0) |       |

**Percentage change from baseline in cardiovascular-related metabolic parameter, fasting glucose, at individual level**  
 (Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Percentage change from baseline in cardiovascular-related metabolic parameter, fasting glucose, at individual level</b><br>(units: percentage change) |   |
| AIMAH-Patient (Pt) 1 Wk<br>12 (n =1)   | -15.3   |
| AIMAH-Patient (Pt) 1 Wk<br>24 (n =1)   | -16.4   |
| AIMAH-Patient (Pt) 1 Wk<br>48 (n =1)   | -15.3   |
| Adrenal adenoma-Pt 1 Wk<br>12 (n =1)   | 24.2  |
| Adrenal adenoma-Pt 1 Wk<br>24 (n =0)   |   |
| Adrenal adenoma-Pt 1 Wk<br>48 (n =0)   |   |
| Adrenal adenoma-Pt 2 Wk<br>12 (n =1)   | -27.2   |
| Adrenal adenoma-Pt 2 Wk<br>24 (n =1)   | 3.2   |
| Adrenal adenoma-Pt 2 Wk<br>48 (n =0)   |   |

**Clinical Trial Results Website**

|   |       |
|---|-------|
| Adrenal adenoma-Pt 3 Wk<br>12 (n =1)        | -5.0  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0)        |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0)        |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1)        | -11.3 |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0)        |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1)        | -0.9  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0)        |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n =1) | -5.9  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1) | -7.0  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1) | 1.1   |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0)  |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0) |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n =0) |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n=0)  |       |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 3 Wk 24 (n=0)

Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n=0)

**Absolute change from baseline in cardiovascular-related metabolic parameter, HbA1c, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Absolute change from baseline in cardiovascular-related metabolic parameter, HbA1c, at individual level</b><br>(units: percentage of HbA1c) |   |
| AIMAH-Patient (Pt) 1 Wk 12 (n=1)   | -0.1  |
| AIMAH-Pt 1 Wk 24 (n=1)   | -0.1  |
| AIMAH-Pt 1 Wk 48 (n=1)   | -0.2  |
| Adrenal adenoma-Pt 1 Wk 12 (n=1)   | 0.3   |
| Adrenal adenoma-Pt 1 Wk 24 (n=0)   |   |
| Adrenal adenoma-Pt 1 Wk 48 (n=0)   |   |



**Clinical Trial Results Website**

|  |      |
|--|------|
| Adrenal adenoma-Pt 2 Wk<br>12 (n=1)        | -0.4 |
| Adrenal adenoma-Pt 2 Wk<br>24 (n=1)        | -0.7 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1)        | -1.4 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1)        | -0.9 |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1)        | -0.1 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0)        |      |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n=1) | 0.3  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1) | 0.5  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1) | 0.8  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12(n=0)  |      |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 2 Wk 24 (n=0)

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Ectopic ACTH syndrome-  
Pt 2 Wk 48 (n=0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 12(n=0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 24 (n=0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n=0)

**Percentage change from baseline in cardiovascular-related metabolic parameter, HbA1c, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>   |   |
|---|---|
| <b>Arm/Group Description</b>  | Patients in<br>this arm took<br>the study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>  | 7   |
| <b>Percentage change from baseline in<br/>cardiovascular-related metabolic<br/>parameter, HbA1c, at individual level<br/>(units: percentage change)</b> |   |
| AIMAH-Patient (Pt) 1 Wk<br>12 (n=1)   | -1.8  |
| AIMAH-Pt 1 Wk 24 (n=1)  | -1.8  |
| AIMAH-Pt 1 Wk 48 (n=1)  | -3.6  |

**Clinical Trial Results Website**

|  |       |
|--|-------|
| Adrenal adenoma-Pt 1 Wk<br>12 (n=1)        | 6.2   |
| Adrenal adenoma-Pt 1 Wk<br>24 (n=0)        |       |
| Adrenal adenoma-Pt 1 Wk<br>48 (n=0)        |       |
| Adrenal adenoma-Pt 2 Wk<br>12 (n=1)        | -6.5  |
| Adrenal adenoma-Pt 2 Wk<br>24 (n=1)        | -11.3 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0)        |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1)        | -20.3 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0)        |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0)        |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1)        | -12.2 |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0)        |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1)        | -1.5  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0)        |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0)        |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n=1) | 5.4   |

**Clinical Trial Results Website**

|  |      |
|--|------|
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1) | 8.9  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1) | 14.3 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12(n=0)  |      |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12(n=0)  |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n=0) |      |

**Absolute change from baseline in cardiovascular-related metabolic parameters, Cholesterol, HDL cholesterol, LDL cholesterol & Triglycerides, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

|  | <b>Cholesterol</b>                                      | <b>HDL Cholesterol</b>                                  | <b>LDL Cholesterol</b>                                  | <b>Triglycerides</b>                                    |
|--|---|---|---|---|
| <b>Arm/Group Description</b>                                 | Patients in this arm took the study drug, osilodrostat. | Patients in this arm took the study drug, osilodrostat. | Patients in this arm took the study drug, osilodrostat. | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b> | 7   | 7   | 7   | 7   |

**Absolute change from baseline in cardiovascular-related metabolic parameters, Cholesterol, HDL cholesterol, LDL cholesterol & Triglycerides, at individual level**

**Clinical Trial Results Website**

(units: mmol/L)

|  |       |       |       |       |
|--|-------|-------|-------|-------|
| AIMAH-Patient (Pt) 1 Wk<br>12 (n =1,1,1,1) | -0.67 | -0.85 | 0.21  | -0.87 |
| AIMAH-Pt 1 Wk 24 (n<br>=1,1,1,1)           | -0.65 | -1.01 | 0.18  | -0.64 |
| AIMAH-Pt 1 Wk 48 (n<br>=1,1,1,1)           | -0.72 | -0.57 | -0.08 | -0.76 |
| Adrenal adenoma-Pt 1 Wk<br>12 (n =1,1,1,1) | -1.56 | -0.26 | -1.11 | -1.42 |
| Adrenal adenoma-Pt 1 Wk<br>24 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt 1 Wk<br>48 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt 2 Wk<br>12 (n =1,1,1,1) | -0.54 | -0.64 | -0.26 | 0.11  |
| Adrenal adenoma-Pt 2 Wk<br>24 (n =1,1,1,1) | 0.26  | -0.33 | 0.31  | 0.08  |
| Adrenal adenoma-Pt 2 Wk<br>48 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n =1,1,1,1) | -0.55 | -0.16 | -0.19 | -1.36 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1,1,1,1) | 1.09  | 0.18  | 0.72  | 0.58  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0,0,0,0) |       |       |       |       |
| Adrenal adenoma-Pt Wk<br>48 (n =0,0,0,0)   |       |       |       |       |

**Clinical Trial Results Website**

|   |       |       |       |       |
|---|-------|-------|-------|-------|
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1,1,1,1)        | -0.39 | -0.21 | -0.18 | 0.44  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0,0,0,0)        |       |       |       |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0,0,0,0)        |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n =1,1,1,1)  | -0.16 | 0.16  | -0.11 | -0.47 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1,1,1,1) | -0.26 | 0.49  | -0.29 | -0.83 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1,1,1,1) | -0.08 | 0.29  | -0.31 | 0.22  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n =0,0,0,0) |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0,0,0,0) |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n =0,0,0,0) |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n =0,0,0,0) |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n =0,0,0,0) |       |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n =0,0,0,0) |       |       |       |       |

**Percentage change from baseline in cardiovascular-related metabolic parameters, Cholesterol, HDL cholesterol, LDL cholesterol & Triglycerides, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

|                              | <b>Cholesterol</b>                  | <b>HDL Cholesterol</b>              | <b>LDL Cholesterol</b>              | <b>Triglycerides</b>                |
|------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <b>Arm/Group Description</b> | Patients in this arm took the study | Patients in this arm took the study | Patients in this arm took the study | Patients in this arm took the study |

|  | drug,<br>osilodrostat. | drug,<br>osilodrostat. | drug,<br>osilodrostat. | drug,<br>osilodrostat. |
|--|------------------------|------------------------|------------------------|------------------------|
| <b>Number of Participants Analyzed [units: participants]</b>   | 7                      | 7                      | 7                      | 7                      |
| <b>Percentage change from baseline in cardiovascular-related metabolic parameters, Cholesterol, HDL cholesterol, LDL cholesterol &amp; Triglycerides, at individual level (units: percentage change)</b> |                        |                        |                        |                        |
| AIMAH-Patient (Pt) 1 Wk 12 (n =1,1,1,1)  | -11.1                  | -33.2                  | 6.3                    | -49.4                  |
| AIMAH-Pt 1 Wk 24 (n =1,1,1,1)  | -10.7                  | -39.5                  | 5.4                    | -36.4                  |
| AIMAH-Pt 1 Wk 48 (n =1,1,1,1)  | -11.9                  | -22.3                  | -2.4                   | -43.2                  |
| Adrenal adenoma-Pt 1 Wk 12 (n =1,1,1,1)  | -23.0                  | -27.1                  | -24.9                  | -28.8                  |
| Adrenal adenoma-Pt 1 Wk 24 (n =0,0,0,0)  |                        |                        |                        |                        |
| Adrenal adenoma-Pt 1 Wk 48 (n =0,0,0,0)  |                        |                        |                        |                        |
| Adrenal adenoma-Pt 2 Wk 12 (n =1,1,1,1)  | -11.9                  | -34.4                  | -10.6                  | 12.5                   |
| Adrenal adenoma-Pt 2 Wk 24 (n =1,1,1,1)  | 5.7                    | -17.7                  | 12.6                   | 9.1                    |
| Adrenal adenoma-Pt 2 Wk 48 (n =0,0,0,0)  |                        |                        |                        |                        |
| Adrenal adenoma-Pt 3 Wk 12 (n =1,1,1,1)  | -9.5                   | -9.4                   | -5.5                   | -56.7                  |
| Adrenal adenoma-Pt 3 Wk 24 (n =0,0,0,0)  |                        |                        |                        |                        |
| Adrenal adenoma-Pt 3 Wk 48 (n =0,0,0,0)  |                        |                        |                        |                        |

**Clinical Trial Results Website**

|   |      |       |       |       |
|---|------|-------|-------|-------|
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1,1,1,1)        | 23.0 | 15.5  | 26.5  | 46.8  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0,0,0,0)        |      |       |       |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0,0,0,0)        |      |       |       |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1,1,1,1)        | -8.7 | -11.4 | -9.3  | 33.3  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0,0,0,0)        |      |       |       |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0,0,0,0)        |      |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n =1,1,1,1)  | -3.8 | 12.4  | -4.5  | -32.0 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1,1,1,1) | -6.2 | 38.0  | -11.8 | -56.5 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1,1,1,1) | -1.9 | 22.5  | -12.6 | 15.0  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n =0,0,0,0) |      |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0,0,0,0) |      |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n =0,0,0,0) |      |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n =0,0,0,0) |      |       |       |       |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n =0,0,0,0) |      |       |       |       |

**Absolute change from baseline in cardiovascular-related metabolic parameter, BMI, at individual level**  
 (Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))



| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Absolute change from baseline in cardiovascular-related metabolic parameter, BMI, at individual level (units: kg/m<sup>2</sup>)</b> |   |
| AIMAH-Patient (Pt) 1 Wk 12 (n =1)  | -0.5  |
| AIMAH-Pt 1 Wk 24 (n =1)  | -2.3  |
| AIMAH-Pt 1 Wk 48 (n =1)  | -1.6  |
| Adrenal adenoma-Pt 1 Wk 12 (n =1)  | 0.6   |
| Adrenal adenoma-Pt 1 Wk 24 (n =0)  |   |
| Adrenal adenoma-Pt 1 Wk 48 (n =0)  |   |
| Adrenal adenoma-Pt 2 Wk 12 (n =1)  | -1.2  |
| Adrenal adenoma-Pt 2 Wk 24 (n =1)  | -3.6  |
| Adrenal adenoma-Pt 2 Wk 48 (n =0)  |   |
| Adrenal adenoma-Pt 3 Wk 12 (n =1)  | 0.7   |

**Clinical Trial Results Website**

|   |     |
|---|-----|
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0)        |     |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0)        |     |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1)        | 0.2 |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0)        |     |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0)        |     |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1)        | 0.1 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0)        |     |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0)        |     |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n =1)  | 1.8 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1) | 3.0 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1) | 3.6 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12(n =0)  |     |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0) |     |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n =0) |     |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n =0) |     |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n =0) |     |

Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n =0)

**Percentage change from baseline in cardiovascular-related metabolic parameter, BMI, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Percentage change from baseline in cardiovascular-related metabolic parameter, BMI, at individual level</b><br>(units: percentage change) |   |
| AIMAH-Patient (Pt) 1 Wk 12 (n =1)  | -2.1  |
| AIMAH-Pt 1 Wk 24 (n =1)  | -9.6  |
| AIMAH-Pt 1 Wk 48 (n =1)  | -6.7  |
| Adrenal adenoma-Pt 1 Wk 12 (n =1)  | 1.9   |
| Adrenal adenoma-Pt 1 Wk 24 (n =0)  |   |
| Adrenal adenoma-Pt 1 Wk 48 (n =0)  |   |
| Adrenal adenoma-Pt 2 Wk 12 (n =1)  | -3.1  |

**Clinical Trial Results Website**

|   |      |
|---|------|
| Adrenal adenoma-Pt 2 Wk<br>24 (n =1)        | -9.4 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n =0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>12 (n =1)        | 3.3  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n =0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>48 (n =0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>12 (n =1)        | 0.9  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n =0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>48 (n =0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>12 (n =1)        | 0.5  |
| Adrenal adenoma-Pt 5 Wk<br>24 (n =0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>48 (n =0)        |      |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n =1)  | 7.4  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n =1) | 12.3 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n =1) | 14.8 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12(n =0)  |      |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n =0) |      |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 2 Wk 48 (n =0)

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Ectopic ACTH syndrome-  
Pt 3 Wk 12 (n =0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 24 (n =0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n =0)

**Absolute change from baseline in cardiovascular-related metabolic parameter, Waist circumference, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>   |   |
|---|---|
| <b>Arm/Group Description</b>  | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>  | 7   |
| <b>Absolute change from baseline in cardiovascular-related metabolic parameter, Waist circumference, at individual level</b><br>(units: cm) |   |
| AIMAH-Patient (Pt)1 Wk 12 (n=1)   | -2.0  |
| AIMAH-Pt1 Wk 24 (n=1)   | -7.5  |
| AIMAH-Pt1 Wk 48 (n=1)   | -5.5  |
| Adrenal adenoma-Pt 1 Wk 12 (n=1)  | -2.0  |

**Clinical Trial Results Website**

|  |      |
|--|------|
| Adrenal adenoma-Pt 1 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 1 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 2 Wk<br>12 (n=1)        | -1.0 |
| Adrenal adenoma-Pt 2 Wk<br>24 (n=1)        | -8.0 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1)        | -4.0 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1)        | 1.0  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1)        | -0.3 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0)        |      |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0)        |      |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n=1) | 2.5  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1) | 11.0 |

**Clinical Trial Results Website**

|  |     |
|--|-----|
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1) | 9.5 |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0) |     |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0) |     |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0) |     |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12(n=0)  |     |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n=0) |     |
| <hr/>                                      |     |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n=0) |     |

**Percentage change from baseline in cardiovascular-related metabolic parameter, Waist circumference, at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <hr/>  |   |
| <b>Percentage change from baseline in cardiovascular-related metabolic parameter, Waist circumference, at individual level</b> |   |
| (units: percentage change)   |   |

**Clinical Trial Results Website**

|                                     |      |
|-------------------------------------|------|
| AIMAH-Patient (Pt)1 Wk<br>12 (n=1)  | -2.4 |
| AIMAH-Pt1 Wk 24 (n=1)               | -9.0 |
| AIMAH-Pt1 Wk 48 (n=1)               | -6.6 |
| Adrenal adenoma-Pt 1 Wk<br>12 (n=1) | -1.8 |
| Adrenal adenoma-Pt 1 Wk<br>24 (n=0) |      |
| Adrenal adenoma-Pt 1 Wk<br>48 (n=0) |      |
| Adrenal adenoma-Pt 2 Wk<br>12 (n=1) | -0.9 |
| Adrenal adenoma-Pt 2 Wk<br>24 (n=1) | -7.1 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0) |      |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1) | -4.9 |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0) |      |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0) |      |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1) | 1.1  |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0) |      |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0) |      |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1) | -0.4 |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0) |      |



**Clinical Trial Results Website**

 Adrenal adenoma-Pt 5 Wk  
 48 (n=0)

|  |      |
|--|------|
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12 (n=1) | 2.9  |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1) | 12.9 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1) | 11.1 |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12(n=0)  |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n=0) |      |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n=0) |      |

**Absolute change from baseline in cardiovascular-related metabolic parameter, sitting blood pressure (BP) at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Arm/Group Description</b> | <b>Sitting systolic BP</b>                              | <b>Sitting diastolic BP</b>                             |
|------------------------------|---|---|
|                              | Patients in this arm took the study drug, osilodrostat. | Patients in this arm took the study drug, osilodrostat. |

**Clinical Trial Results Website**
**Number of Participants**

|   |   |   |
|---|---|---|
| <b>Analyzed [units:<br/>participants]</b> | 7 | 7 |
|---|---|---|

---

**Absolute change from baseline in cardiovascular-related metabolic parameter, sitting blood pressure (BP) at individual level**  
(units: mmHg)

|   |        |        |
|---|--------|--------|
| AIMAH-Patient (Pt) 1Wk<br>12 (n =1, 1)  | -44.3  | -31.0  |
| AIMAH-Patient (Pt) 1 Wk<br>24 (n =1, 1) | -48.34 | -32.66 |
| AIMAH-Patient (Pt) 1 Wk<br>48 (n =1, 1) | -40.34 | -19.0  |
| Adrenal adenoma-Pt 1 Wk<br>12 (n=1,1)   | 11.67  | -3.67  |
| Adrenal adenoma-Pt 1 Wk<br>24 (n=0,0)   |        |        |
| Adrenal adenoma-Pt 1 Wk<br>48 (n=0,0)   |        |        |
| Adrenal adenoma-Pt 2 Wk<br>12 (n=1,1)   | -50.67 | -37.0  |
| Adrenal adenoma-Pt 2 Wk<br>24 (n=1,1)   | -32.33 | -26.66 |
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0,0)   |        |        |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1,1)   | -16.0  | -6.67  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0,0)   |        |        |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0,0)   |        |        |

**Clinical Trial Results Website**

|  |        |        |
|--|--------|--------|
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1,1)        | -6.67  | 7.33   |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0,0)        |        |        |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0,0)        |        |        |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1,1)        | 11.0   | 3.33   |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0,0)        |        |        |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0,0)        |        |        |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n=1,1)  | -17.67 | -13.67 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1,1) | 4.33   | 4.0    |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1,1) | -1.0   | -0.67  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0,0) |        |        |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0,0) |        |        |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0,0) |        |        |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 12 (n=0,0) |        |        |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 24 (n=0,0) |        |        |
| Ectopic ACTH syndrome-<br>Pt 3 Wk 48 (n=0,0) |        |        |

**Percentage change from baseline in cardiovascular-related metabolic parameter, sitting blood pressure (BP) at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Arm/Group Description</b>  | <b>Sitting systolic BP</b>                              | <b>Sitting diastolic BP</b>                             |
|---|---|---|
|   | Patients in this arm took the study drug, osilodrostat. | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>  | 7   | 7   |
| <b>Percentage change from baseline in cardiovascular-related metabolic parameter, sitting blood pressure (BP) at individual level</b><br>(units: percentage change) |   |   |
| AIMAH-Patient (Pt) 1Wk 12 (n =1, 1)   | -31.1   | -32.5   |
| AIMAH-Patient (Pt) 1 Wk 24 (n =1, 1)  | -33.9   | -34.3   |
| AIMAH-Patient (Pt) 1 Wk 48 (n =1, 1)  | -28.3   | -19.9   |
| Adrenal adenoma-Pt 1 Wk 12 (n=1,1)  | 9.2   | -4.1  |
| Adrenal adenoma-Pt 1 Wk 24 (n=0,0)  |   |   |
| Adrenal adenoma-Pt 1 Wk 48 (n=0,0)  |   |   |
| Adrenal adenoma-Pt 2 Wk 12 (n=1,1)  | -31.3   | -33.2   |
| Adrenal adenoma-Pt 2 Wk 24 (n=1,1)  | -20.0   | -23.9   |

**Clinical Trial Results Website**

|  |       |       |
|--|-------|-------|
| Adrenal adenoma-Pt 2 Wk<br>48 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 3 Wk<br>12 (n=1,1)        | -12.3 | -8.9  |
| Adrenal adenoma-Pt 3 Wk<br>24 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 3 Wk<br>48 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 4 Wk<br>12 (n=1,1)        | -4.3  | 9.9   |
| Adrenal adenoma-Pt 4 Wk<br>24 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 4 Wk<br>48 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 5 Wk<br>12 (n=1,1)        | 9.3   | 5.1   |
| Adrenal adenoma-Pt 5 Wk<br>24 (n=0,0)        |       |       |
| Adrenal adenoma-Pt 5 Wk<br>48 (n=0,0)        |       |       |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 12(n=1,1)  | -14.1 | -16.5 |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 24 (n=1,1) | 3.4   | 4.8   |
| Ectopic ACTH syndrome-<br>Pt 1 Wk 48 (n=1,1) | -0.8  | -0.8  |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 12 (n=0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 24 (n=0,0) |       |       |
| Ectopic ACTH syndrome-<br>Pt 2 Wk 48 (n=0,0) |       |       |

**Clinical Trial Results Website**

Ectopic ACTH syndrome-  
Pt 3 Wk 12 (n=0,0)

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Ectopic ACTH syndrome-  
Pt 3 Wk 24 (n=0,0)

---

Ectopic ACTH syndrome-  
Pt 3 Wk 48 (n=0,0)

**Total scores in Patient-Reported Outcomes Health-related quality of life (QoL) as assessed by Cushing QoL at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>  |   |
|--|---|
| <b>Arm/Group Description</b>   | Patients in this arm took the study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 7   |
| <b>Total scores in Patient-Reported Outcomes Health-related quality of life (QoL) as assessed by Cushing QoL at individual level</b><br>(units: scores on a scale) |   |
| AIMAH-Patient 1: Week (Wk) 12 (n=1)  | 48  |
| AIMAH-Patient 1: Wk 24 (n=1)   | 51  |
| AIMAH-Patient 1: Wk 48 (n=1)   | 47  |
| Adrenal adenoma-Patient 1: Wk 12(n=1)  | 29  |

**Clinical Trial Results Website**

|   |    |
|---|----|
| Adrenal adenoma-Patient<br>1: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>1: Wk 48 (n = 0)             |    |
| Adrenal adenoma-Patient<br>2: Wk 12(n=1)                | 18 |
| Adrenal adenoma-Patient<br>2: Wk 24 (n = 1)             | 22 |
| Adrenal adenoma-Patient<br>2: Wk 48 (n =0)              |    |
| Adrenal adenoma-Patient<br>3: Wk 12 (n =1)              | 29 |
| Adrenal adenoma-Patient<br>3: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>3: Wk 48 (n = 0)             |    |
| Adrenal adenoma-Patient<br>4: Wk 12 (n =1)              | 38 |
| Adrenal adenoma-Patient<br>4: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>4: Wk 48 (n = 0)             |    |
| Adrenal adenoma-Patient<br>5: Wk 12 (n=1)               | 45 |
| Adrenal adenoma-Patient<br>5: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>5: Wk 48 (n = 0)             |    |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 12 (n<br>=1) | 31 |

**Clinical Trial Results Website**

|   |    |
|---|----|
| Ectopic corticotropin syndrome-Pt 1: Wk 24 (n =1) | 33 |
| Ectopic corticotropin syndrome-Pt 1: Wk 48 (n =1) | 23 |
| Ectopic corticotropin syndrome-Pt 2: Wk 12 (n =0) |    |
| Ectopic corticotropin syndrome-Pt 2: Wk 24 (n =0) |    |
| Ectopic corticotropin syndrome-Pt 2: Wk 48 (n =0) |    |
| Ectopic corticotropin syndrome-Pt 3: Wk 12 (n =0) |    |
| Ectopic corticotropin syndrome-Pt 3: Wk 24 (n =0) |    |
| Ectopic corticotropin syndrome-Pt 3: Wk 48 (n =0) |    |

**Total scores in Patient-Reported Outcomes Health-related quality of life (QoL) as assessed by Beck Depression Inventory II (BDI-II) depression score at individual level**

(Time Frame: Baseline, Week 12 (day 85), Week 24 (day 169) and Week 48 (day 337))

| <b>Osilodrostat</b>          |   |
|------------------------------|---|
| <b>Arm/Group Description</b> | Patients in this arm took the study drug, osilodrostat. |



**Clinical Trial Results Website**
**Number of Participants**
**Analyzed [units:  
participants]** 7

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**Total scores in Patient-Reported  
Outcomes Health-related quality of life  
(QoL) as assessed by Beck Depression  
Inventory II (BDI-II) depression score at  
individual level**

(units: scores on a scale)

---

|   |    |
|---|----|
| AIMAH-Patient 1: Week<br>(Wk) 12 (n =1)     | 4  |
| AIMAH-Patient 1: Wk 24 (n<br>=1)            | 15 |
| AIMAH-Patient 1: Wk 48 (n<br>=1)            | 12 |
| Adrenal adenoma-Patient<br>1: Wk 12 (n =1)  | 33 |
| Adrenal adenoma-Patient<br>1: Wk 24 (n = 0) |    |
| Adrenal adenoma-Patient<br>1: Wk 48 (n = 0) |    |
| Adrenal adenoma-Patient<br>2: Wk 12 (n =1)  | 35 |
| Adrenal adenoma-Patient<br>2: Wk 24 (n =1)  | 37 |
| Adrenal adenoma-Patient<br>2: Wk 48 (n = 0) |    |
| Adrenal adenoma-Patient<br>3: Wk 12 (n =1)  | 30 |
| Adrenal adenoma-Patient<br>3: Wk 24 (n = 0) |    |
| Adrenal adenoma-Patient<br>3: Wk 48 (n = 0) |    |

**Clinical Trial Results Website**

|   |    |
|---|----|
| Adrenal adenoma-Patient<br>4: Wk 12 (n =1)              | 26 |
| Adrenal adenoma-Patient<br>4: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>4: Wk 48 (n = 0)             |    |
| Adrenal adenoma-Patient<br>5: Wk 12 (n =1)              | 10 |
| Adrenal adenoma-Patient<br>5: Wk 24 (n = 0)             |    |
| Adrenal adenoma-Patient<br>5: Wk 48 (n = 0)             |    |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 12 (n<br>=1) | 9  |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 24 (n<br>=1) | 10 |
| Ectopic corticotropin<br>syndrome-Pt 1: Wk 48 (n<br>=1) | 22 |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk 12 (n<br>=0) |    |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk 24 (n<br>=0) |    |
| Ectopic corticotropin<br>syndrome-Pt 2: Wk 48 (n<br>=0) |    |
| Ectopic corticotropin<br>syndrome-Pt 3: Wk 12 (n<br>=0) |    |

**Clinical Trial Results Website**

Ectopic corticotropin  
syndrome-Pt 3: Wk 24 (n  
=0)

Ectopic corticotropin  
syndrome-Pt 3: Wk 48 (n  
=0)

**Plasma concentrations of Osilodrostat (LCI699) at Week 0**

(Time Frame: Week 0)

|  | <b>Osilodrostat<br/>1mg</b>  | <b>Osilodrostat<br/>2mg</b>  | <b>Osilodrostat<br/>3mg</b>  | <b>Osilodrostat<br/>5mg</b>  |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in<br>this arm took<br>1mg of study<br>drug,<br>osilodrostat. | Patients in<br>this arm took<br>2mg of study<br>drug,<br>osilodrostat. | Patients in<br>this arm took<br>3mg of study<br>drug,<br>osilodrostat. | Patients in<br>this arm took<br>5mg of study<br>drug,<br>osilodrostat. |
| <b>Number of Participants<br/>Analyzed [units:<br/>participants]</b>   | 1  | 8  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 0</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 0: 0.75 hour post-<br>dose  | 0.971 ±<br>N/A <sup>[123]</sup>  | 0.405 ± 0.673  |  |  |
| Week 0: 2 hours post-dose  | 5.11 ± N/A <sup>[123]</sup>  | 5.29 ± 4.94  |  |  |
| Week 0: 4 hours post-dose  | 3.77 ± N/A <sup>[123]</sup>  | 8.12 ± 2.36  |  |  |

[1] N/A : not enough participants to calculate the standard deviation

[2] N/A : not enough participants to calculate the standard deviation

[3] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 1**

(Time Frame: Week 1, 2 hours post-dose)

|  | <b>Osilodrostat<br/>1mg</b> | <b>Osilodrostat<br/>2mg</b> | <b>Osilodrostat<br/>3mg</b> | <b>Osilodrostat<br/>5mg</b> |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|

**Clinical Trial Results Website**

| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
|--|--|--|--|--|
| <b>Number of Participants Analyzed [units: participants]</b>   | 1  | 5  | 1  | 2  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 1</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 1: 2 hours post-dose  | 10.9 ± N/A <sup>[12]</sup>                                 | 10.5 ± 6.57  | 21.3 ± N/A <sup>[12]</sup>                                 | 22.3 ± 14.2  |

[1] N/A : not enough participants to calculate the standard deviation

[2] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 2**

(Time Frame: Week 2)

|  | <b>Osilodrostat 1mg</b>                                    | <b>Osilodrostat 2mg</b>                                    | <b>Osilodrostat 3mg</b>                                    | <b>Osilodrostat 5mg</b>                                    |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 2  | 2  | 2  | 2  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 2</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 2: 0.75 hour post-dose  | 3.89 ± 2.76  | 3.69 ± 3.3   | 33.1 ± 19.2  | 34.9 ± 34.6  |

**Clinical Trial Results Website**

|                           |             |                           |             |              |
|---------------------------|-------------|---------------------------|-------------|--------------|
| Week 2: 2 hours post-dose | 8.93 ± 2.36 | 14.3 ± 7.64               | 21.3 ± 4.53 | 33.6 ± 8.84  |
| Week 2: 4 hours post-dose | 7.01 ± 2.69 | 11.1 ± N/A <sup>[1]</sup> | 13.6 ± 3.89 | 29.2 ± 0.354 |

[1] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 3**

(Time Frame: Week 3, 2 hours post-dose)

|  | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 4  | 1  | 1  | 2  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 3</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 3: 2 hours post-dose  | 7.09 ± 2.07  | 7.62 ± N/A <sup>[12]</sup>                                 | 23.2 ± N/A <sup>[12]</sup>                                 | 37.8 ± 0.849   |

[1] N/A : not enough participants to calculate the standard deviation

[2] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 4**

(Time Frame: Week 4, 2 hours post-dose)

|                              | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|------------------------------|--|--|--|--|
| <b>Arm/Group Description</b> | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |

|  |             |             |   |              |
|--|-------------|-------------|---|--------------|
| <b>Number of Participants Analyzed [units: participants]</b>   | 4           | 2           | 0 | 2            |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 4</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |             |             |   |              |
| Week 4: 2 hours post-dose  | 4.08 ± 2.61 | 9.91 ± 3.53 |   | 24.0 ± 21.00 |

**Plasma concentrations of Osilodrostat (LCI699) at Week 6**

(Time Frame: Week 6, 2 hours post-dose)

|  | <b>Osilodrostat 1mg</b>                                    | <b>Osilodrostat 2mg</b>                                    | <b>Osilodrostat 3mg</b>                                    | <b>Osilodrostat 5mg</b>                                    |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 4  | 2  | 0  | 1  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 6</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 6: 2 hours post-dose  | 6.74 ± 2.42  | 12.7 ± 9.08  |  | 31.7 ± N/A <sup>[1]</sup>                                  |

[1] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 8**

(Time Frame: Week 8, 2 hours post-dose)

|  | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>   | 5  | 1  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 8</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 8: 2 hours post-dose  | 3.35 ± 2.75  | 13.9 ± N/A <sup>[1]</sup>                                  |  |  |

[1] N/A : not enough participants to calculate the standard deviation

### Plasma concentrations of Osilodrostat (LCI699) at Week 10

(Time Frame: Week 10, 2 hours post-dose)

|  | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|--|--|--|--|--|
| <b>Arm/Group Description</b>   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>                       | 4  | 2  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 10</b><br>(units: ng/mL) |  |  |  |  |

**Clinical Trial Results Website**

 Mean ± Standard  
Deviation

|                            |             |             |
|----------------------------|-------------|-------------|
| Week 10: 2 hours post-dose | 4.73 ± 1.26 | 11.3 ± 4.57 |
|----------------------------|-------------|-------------|

**Plasma concentrations of Osilodrostat (LCI699) at Week 12**

(Time Frame: Week 12)

|  | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|--|--|--|--|--|
| <b>Arm/Group Description</b>                                 | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b> | 2  | 1  | 0  | 0  |

**Plasma concentrations of Osilodrostat (LCI699) at Week 12**

(units: ng/mL)

Mean ± Standard Deviation

|                              |               |                             |
|------------------------------|---------------|-----------------------------|
| Week 12: 0.75 hour post-dose | 0.382 ± 0.171 | 3.1 ± N/A <sup>[123]</sup>  |
| Week 12: 2 hours post-dose   | 4.62 ± 2.51   | 9.98 ± N/A <sup>[123]</sup> |
| Week 12: 4 hours post-dose   | 3.58 ± 2.3    | 6.57 ± N/A <sup>[123]</sup> |

[1] N/A : not enough participants to calculate the standard deviation

[2] N/A : not enough participants to calculate the standard deviation

[3] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 16**

(Time Frame: Week 16, 2 hours post-dose)

|  | <b>Osilodrostat<br/>1mg</b> | <b>Osilodrostat<br/>2mg</b> | <b>Osilodrostat<br/>3mg</b> | <b>Osilodrostat<br/>5mg</b> |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|



**Clinical Trial Results Website**

| <b>Arm/Group Description</b>  | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
|---|--|--|--|--|
| <b>Number of Participants Analyzed [units: participants]</b>  | 2  | 0  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 16</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 16: 2 hours post-dose  | 5.71 ± 1.33  |  |  |  |

**Plasma concentrations of Osilodrostat (LCI699) at Week 20**

(Time Frame: Week 20, 2 hours post-dose)

| <b>Arm/Group Description</b>  | <b>Osilodrostat 1mg</b>                                    | <b>Osilodrostat 2mg</b>                                    | <b>Osilodrostat 3mg</b>                                    | <b>Osilodrostat 5mg</b>                                    |
|---|--|--|--|--|
|   | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>  | 1  | 0  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 20</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |

**Clinical Trial Results Website**

Week 20: 2 hours post-dose      0.794 ± N/A<sup>[1]</sup>

[1] N/A : not enough participants to calculate the standard deviation

**Plasma concentrations of Osilodrostat (LCI699) at Week 24**

(Time Frame: Week 24, 2 hours post-dose)

|   | <b>Osilodrostat<br/>1mg</b>                                | <b>Osilodrostat<br/>2mg</b>                                | <b>Osilodrostat<br/>3mg</b>                                | <b>Osilodrostat<br/>5mg</b>                                |
|---|--|--|--|--|
| <b>Arm/Group Description</b>  | Patients in this arm took 1mg of study drug, osilodrostat. | Patients in this arm took 2mg of study drug, osilodrostat. | Patients in this arm took 3mg of study drug, osilodrostat. | Patients in this arm took 5mg of study drug, osilodrostat. |
| <b>Number of Participants Analyzed [units: participants]</b>  | 2  | 0  | 0  | 0  |
| <b>Plasma concentrations of Osilodrostat (LCI699) at Week 24</b><br>(units: ng/mL)<br>Mean ± Standard Deviation |  |  |  |  |
| Week 24: 2 hours post-dose  | 6.51 ± 2.14  |  |  |  |

## Summary of Safety

### Safety Results

#### All-Cause Mortality

|                                    | <b>Osilodrostat<br/>N = 9</b>                           |
|------------------------------------|---|
| <b>Arm/Group Description</b>       | Patients in this arm took the study drug, osilodrostat. |
| <b>Total participants affected</b> | 0 (0.00%)   |

#### Serious Adverse Events by System Organ Class

|  |  |
|--|--|
| <b>Time Frame</b>                          | Adverse events (AEs) were collected from first dose of study treatment until end of study treatment plus 30 days post treatment, up to maximum duration of 68.0 weeks. |
| <b>Additional Description</b>              | AE description; Any sign or symptom that occurs during the study treatment plus the 30 days post treatment   |
| <b>Source Vocabulary for Table Default</b> | MedDRA (21.1)  |
| <b>Assessment Type for Table Default</b>   | Systematic Assessment  |

|                              | <b>Osilodrostat<br/>N = 9</b> |
|------------------------------|-------------------------------|
| <b>Arm/Group Description</b> | Patients in this arm took     |

**Clinical Trial Results Website**

|                                    |                               |
|------------------------------------|-------------------------------|
|                                    | the study drug, osilodrostat. |
| <b>Total participants affected</b> | 4 (44.44%)                    |
| <b>Cardiac disorders</b>           |                               |
| Myocardial infarction              | 1 (11.11%)                    |
| <b>Endocrine disorders</b>         |                               |
| Adrenal insufficiency              | 2 (22.22%)                    |
| <b>Infections and infestations</b> |                               |
| Pneumonia                          | 1 (11.11%)                    |
| <b>Psychiatric disorders</b>       |                               |
| Psychiatric symptom                | 1 (11.11%)                    |

**Other Adverse Events by System Organ Class**

|  |  |
|--|--|
| <b>Time Frame</b>                          | Adverse events (AEs) were collected from first dose of study treatment until end of study treatment plus 30 days post treatment, up to maximum duration of 68.0 weeks. |
| <b>Additional Description</b>              | AE description; Any sign or symptom that occurs during the study treatment plus the 30 days post treatment   |
| <b>Source Vocabulary for Table Default</b> | MedDRA (21.1)  |
| <b>Assessment Type for Table Default</b>   | Systematic Assessment  |
| <b>Frequent Event Reporting Threshold</b>  | 5%   |

**Osilodrostat  
N = 9**

**Clinical Trial Results Website**

| <b>Arm/Group Description</b>                                | Patients in this arm took the study drug, osilodrostat. |
|---|---|
| <b>Total participants affected</b>                          | 9 (100.00%)   |
| <b>Blood and lymphatic system disorders</b>                 |   |
| Iron deficiency anaemia                                     | 1 (11.11%)  |
| <b>Ear and labyrinth disorders</b>                          |   |
| Vertigo   | 1 (11.11%)  |
| <b>Endocrine disorders</b>                                  |   |
| Adrenal insufficiency                                       | 5 (55.56%)  |
| Steroid withdrawal syndrome                                 | 1 (11.11%)  |
| <b>Gastrointestinal disorders</b>                           |   |
| Abdominal distension  | 1 (11.11%)  |
| Abdominal pain upper  | 1 (11.11%)  |
| Constipation  | 2 (22.22%)  |
| Dental caries   | 1 (11.11%)  |
| Enterocolitis   | 1 (11.11%)  |
| Stomatitis  | 1 (11.11%)  |
| <b>General disorders and administration site conditions</b> |   |
| Malaise   | 3 (33.33%)  |
| Oedema peripheral   | 1 (11.11%)  |

**Clinical Trial Results Website**

|   |            |
|---|------------|
| Pyrexia   | 1 (11.11%) |
| <b>Hepatobiliary disorders</b>                        |            |
| Primary biliary cholangitis                           | 1 (11.11%) |
| <b>Infections and infestations</b>                    |            |
| Cellulitis  | 1 (11.11%) |
| Nasopharyngitis                                       | 3 (33.33%) |
| Osteomyelitis   | 1 (11.11%) |
| <b>Injury, poisoning and procedural complications</b> |            |
| Rib fracture  | 1 (11.11%) |
| <b>Investigations</b>                                 |            |
| Alanine aminotransferase increased                    | 2 (22.22%) |
| Amylase increased                                     | 1 (11.11%) |
| Aspartate aminotransferase increased                  | 2 (22.22%) |
| Blood alkaline phosphatase increased                  | 2 (22.22%) |
| Gamma-glutamyltransferase increased                   | 3 (33.33%) |
| Weight decreased                                      | 1 (11.11%) |
| Weight increased                                      | 1 (11.11%) |
| <b>Metabolism and nutrition disorders</b>             |            |

**Clinical Trial Results Website**

|  |            |
|--|------------|
| Decreased appetite                                     | 1 (11.11%) |
| Dyslipidaemia  | 1 (11.11%) |
| Hypokalaemia   | 2 (22.22%) |
| Hypomagnesaemia  | 1 (11.11%) |
| Increased appetite                                     | 1 (11.11%) |
| <b>Musculoskeletal and connective tissue disorders</b> |            |
| Arthralgia   | 1 (11.11%) |
| <b>Nervous system disorders</b>                        |            |
| Dizziness  | 1 (11.11%) |
| <b>Psychiatric disorders</b>                           |            |
| Anxiety  | 1 (11.11%) |
| Insomnia   | 1 (11.11%) |
| Mood altered   | 1 (11.11%) |
| Nightmare  | 1 (11.11%) |
| Reactive psychosis                                     | 1 (11.11%) |
| <b>Skin and subcutaneous tissue disorders</b>          |            |
| Alopecia   | 1 (11.11%) |
| Dermal cyst  | 1 (11.11%) |
| Dermatitis acneiform                                   | 2 (22.22%) |
| Pruritus   | 2 (22.22%) |
| Rash   | 2 (22.22%) |
| <b>Vascular disorders</b>                              |            |
| Peripheral coldness                                    | 1 (11.11%) |

**Other Relevant Findings**

None

**Conclusion:**

- A rapid decrease in mUFC was observed in all 9 patients with CS except for CD regardless of the disease type, as well as with/without prior metyrapone treatment.
- Of the 7 patients who completed Week-12, 6 patients were complete responders and 1 patient was a partial responder.
- Osilodrostat demonstrated a clinically relevant effect with a short onset and efficacy maintained during the observed period in reducing the biochemical parameters of hypercortisolism (i.e. urinary, and serum cortisol).
- No clinically relevant changes were observed in ACTH, and other adrenal steroid hormones at post-baseline.
- Improvements in most cardiovascular-related metabolic parameters were observed at Week-12 in the majority of patients despite the short exposure of osilodrostat.
- Osilodrostat was generally well-tolerated with no new safety signal.
- AESIs anticipated based on the mechanism of action of osilodrostat, which were generally well managed with dose reduction/interruption and/or concomitant medication.

**Date of Clinical Trial Report**

CSR Published: 25 October 2018 (interim, primary)

CSR Published: 9 August 2019 (final)