

**Clinical trial results:****Effect of Calcipotriol plus Betamethasone Dipropionate Gel on the HPA Axis and Calcium Metabolism in Adolescent Subjects (Aged 12 to 16 Years, 11 months) with Scalp and Body Psoriasis****Summary**

| | |
|--------------------------|------------------|
| EudraCT number | 2013-001538-16 |
| Trial protocol | GB DE FR RO |
| Global end of trial date | 13 February 2018 |

Results information

| | |
|--------------------------------|---|
| Result version number | v2 (current) |
| This version publication date | 14 November 2018 |
| First version publication date | 26 August 2018 |
| Version creation reason | <ul style="list-style-type: none">• New data added to full data set• Correction of full data set Changes made to data: <ul style="list-style-type: none">- The number of subjects included in the analyses of pharmacokinetic endpoints was corrected from 33 to 32.- Data were added to the endpoints AUC(0-t) and AUC(0-infinity). Editorial changes made to align with comments received from clinicaltrials.gov. <ul style="list-style-type: none">- Specifications of endpoint time frames.- Explanation the Psoriasis Area and Severity Index score and the range of this score. |

Trial information**Trial identification**

| | |
|-----------------------|-------------|
| Sponsor protocol code | LP0076-1017 |
|-----------------------|-------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT02038569 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | LEO Pharma A/S |
| Sponsor organisation address | Industriparken 55, Ballerup, Denmark, 2750 |
| Public contact | Clinical Disclosure Specialist, LEO Pharma A/S, +45 44945888, disclosure@leo-pharma.com |
| Scientific contact | Clinical Disclosure Specialist, LEO Pharma A/S, +45 44945888, disclosure@leo-pharma.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
|--|----|

| | |
|--|-----|
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | Yes |

Notes:

Results analysis stage

| | |
|--|------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 05 August 2018 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 13 February 2018 |
| Global end of trial reached? | Yes |
| Global end of trial date | 13 February 2018 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective was to evaluate the safety of once daily use of calcipotriol (50 mcg/g) plus betamethasone (0.5 mg/g) (as dipropionate) gel in adolescent subjects (aged 12 to 16 years, 11 months) with scalp and body psoriasis.

Protection of trial subjects:

This clinical trial was conducted in accordance with the revision current at the start of the trial of the World Medical Association's Declaration of Helsinki – Ethical Principles for Medical Research Involving Human Subjects. All subjects received written and verbal information concerning the clinical trial. This information emphasised that participation in the clinical trial was voluntary and that the subject could withdraw from the clinical trial at any time and for any reason. All subjects and their legally acceptable representatives were given an opportunity to ask questions and were given sufficient time to consider before consenting. Subjects who were not of legal age gave assent to their participation in the trial. The subject's and legally acceptable representatives' signed and dated informed consent and assent to participate in the clinical trial were obtained prior to any trial related activities being carried out in accordance with ICH Good Clinical Practice (GCP) Section 4.8 and all applicable laws and regulations. Overdosage with calcipotriol may be associated with hypercalcaemia, and clinically important hypercalcaemia could be managed at the investigator's discretion with rehydration, biphosphonate administration or according to local instructions. Overdosage with betamethasone dipropionate may result in suppression of the pituitary adrenal function, and could be treated symptomatically at the investigator's discretion. There is a risk of allergic hypersensitivity reactions with administration of Cortrosyn®/Synacthen®. Prior to the injection, the physician administering the injection was prepared to treat any possible hypersensitivity reactions.

Background therapy: -

Evidence for comparator: -

| | |
|---|---------------|
| Actual start date of recruitment | 07 March 2014 |
| 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 | Romania: 45 |
|--------------------------------------|-------------|

| | |
|--------------------------------------|--------------------|
| Country: Number of subjects enrolled | United Kingdom: 11 |
| Country: Number of subjects enrolled | Poland: 14 |
| Country: Number of subjects enrolled | France: 7 |
| Country: Number of subjects enrolled | Germany: 21 |
| Country: Number of subjects enrolled | Canada: 13 |
| Country: Number of subjects enrolled | United States: 14 |
| Worldwide total number of subjects | 125 |
| EEA total number of subjects | 98 |

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) | 125 |
| Adults (18-64 years) | 0 |
| From 65 to 84 years | 0 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

Male or female, 12 to 16 years 11 months, psoriasis on body and scalp.

- 10-35% BSA; $\geq 20\%$ scalp; at least moderate severity for subjects performing HPA assessment.

- $\geq 3\%$ BSA; $\geq 10\%$ scalp; at least mild severity for subjects not performing HPA assessment.

125 screened. 107 assigned to treatment, 1 lost to follow up and, 17 didn't meet entry criteria

Period 1

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

Arms

| | |
|-----------|-----------|
| Arm title | LEO 80185 |
|-----------|-----------|

Arm description:

This arm contains all 107 subjects that were assigned to treatment and constitutes the full analysis set and the safety analysis set. 31 subjects in this arm performed additional hypothalamic-pituitary axis assessments and constitute the per protocol analysis set.

| | |
|--|--|
| Arm type | Experimental |
| Investigational medicinal product name | LEO 80185 |
| Investigational medicinal product code | |
| Other name | Daivobet® gel , Xamiol® gel, Dovobet gel ®, and Taclonex® Topical Suspension |
| Pharmaceutical forms | Gel |
| Routes of administration | Topical use |

Dosage and administration details:

LEO 80185 gel is formulated as a gel containing Calcipotriol 50 mcg/g (as hydrate) and Betamethasone 0.5 mg/g (as dipropionate). LEO 80185 gel was applied once daily to all affected areas of the scalp and body. For subjects aged 12 to less than 15 years with a body surface area below 1.3 m², the maximum weekly dosage of LEO 80185 gel was 55 g gel per week. For subjects aged 12 to less than 15 years with a body surface area above 1.3 m² and subjects older than 15 years with a body surface area below 1.3 m², the maximum weekly dosage of LEO 80185 gel was 75 g gel per week. For subjects aged older than 15 years with a body surface area above 1.3 m², the maximum weekly dosage of LEO 80185 gel was 100 g gel per week. No maximum weekly dosage of LEO 80185 gel was defined for subjects performing HPA assessments.

| Number of subjects in period 1 ^[1] | LEO 80185 |
|---|-----------|
| Started | 107 |
| Completed | 102 |
| Not completed | 5 |
| Consent withdrawn by subject | 3 |
| Adverse event, non-fatal | 1 |
| Lost to follow-up | 1 |

Notes:

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

Justification: The worldwide number of enrolled subjects include all subjects who provided consent for participation in the trial and were screened. Out of the 125 subjects who were screened, 107 subjects met all inclusion criteria and none of the exclusion criteria, and were assigned to treatment. These 107 subjects are included in the data for the baseline period.

Baseline characteristics

Reporting groups

| | |
|--------------------------------|----------------|
| Reporting group title | Overall period |
| Reporting group description: - | |

| Reporting group values | Overall period | Total | |
|---|----------------|-------|--|
| Number of subjects | 107 | 107 | |
| 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) | 107 | 107 | |
| Adults (18-64 years) | 0 | 0 | |
| From 65-84 years | 0 | 0 | |
| 85 years and over | 0 | 0 | |
| Age continuous | | | |
| All subjects included were between 12 years and 16 years 11 months. | | | |
| Units: years | | | |
| arithmetic mean | 14.2 | | |
| standard deviation | ± 1.4 | - | |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 62 | 62 | |
| Male | 45 | 45 | |

Subject analysis sets

| | |
|----------------------------|---------------------------|
| Subject analysis set title | Per protocol analysis set |
| Subject analysis set type | Per protocol |

Subject analysis set description:

For the analysis of the results from the ACTH-challenge test, the per protocol analysis set was defined by including the subjects performing HPA axis assessments from the full analysis set, but was to exclude the subjects who did not apply any LEO 80185 gel, met the inclusion criterion concerning evidence of adrenal function suppression at baseline, or provide any results for the ACTH-challenge test after receiving IMP.

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

Subject analysis set description:

107 subjects who applied LEO 80185 gel at least once and were included in the analysis of efficacy.

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

Subject analysis set description:

107 subjects who applied LEO 80185 gel at least once and for whom either the presence or confirmed absence of adverse events was available.

| Reporting group values | Per protocol analysis set | Full analysis set | Safety analysis set |
|---|---------------------------|-------------------|---------------------|
| Number of subjects | 31 | 107 | 107 |
| Age categorical | | | |
| Units: Subjects | | | |
| In utero | 0 | 0 | 0 |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | 0 |
| Newborns (0-27 days) | 0 | 0 | 0 |
| Infants and toddlers (28 days-23 months) | 0 | 0 | 0 |
| Children (2-11 years) | 0 | 0 | 0 |
| Adolescents (12-17 years) | 31 | 107 | 107 |
| Adults (18-64 years) | 0 | 0 | 0 |
| From 65-84 years | 0 | 0 | 0 |
| 85 years and over | 0 | 0 | 0 |
| Age continuous | | | |
| All subjects included were between 12 years and 16 years 11 months. | | | |
| Units: years | | | |
| arithmetic mean | 14.2 | 14.2 | 14.2 |
| standard deviation | ± 1.2 | ± 1.4 | ± 1.4 |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 17 | 62 | 62 |
| Male | 14 | 45 | 45 |

End points

End points reporting groups

| | |
|--|---------------------------|
| Reporting group title | LEO 80185 |
| Reporting group description: This arm contains all 107 subjects that were assigned to treatment and constitutes the full analysis set and the safety analysis set. 31 subjects in this arm performed additional hypothalamic-pituitary axis assessments and constitute the per protocol analysis set. | |
| Subject analysis set title | Per protocol analysis set |
| Subject analysis set type | Per protocol |
| Subject analysis set description: For the analysis of the results from the ACTH-challenge test, the per protocol analysis set was defined by including the subjects performing HPA axis assessments from the full analysis set, but was to exclude the subjects who did not apply any LEO 80185 gel, met the inclusion criterion concerning evidence of adrenal function suppression at baseline, or provide any results for the ACTH-challenge test after receiving IMP. | |
| Subject analysis set title | Full analysis set |
| Subject analysis set type | Full analysis |
| Subject analysis set description: 107 subjects who applied LEO 80185 gel at least once and were included in the analysis of efficacy. | |
| Subject analysis set title | Safety analysis set |
| Subject analysis set type | Safety analysis |
| Subject analysis set description: 107 subjects who applied LEO 80185 gel at least once and for whom either the presence or confirmed absence of adverse events was available. | |

Primary: Adverse Drug Reactions (ADRs)

| | |
|--|--|
| End point title | Adverse Drug Reactions (ADRs) ^[1] |
| End point description: Number of Adverse Drug Reactions (ADRs) defined as adverse events for which the investigator has not described the causal relationship to LEO 80185 gel as "not related". | |
| End point type | Primary |
| End point timeframe: 8 weeks. | |
| Notes: [1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point. Justification: No statistical analyses for this end point | |

| End point values | Safety analysis set | | | |
|---|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 | | | |
| Units: Number of adverse drug reactions | | | | |
| Blood cortisol decreased | 2 | | | |
| Blood parathyroid hormone increased | 1 | | | |
| Acne | 1 | | | |
| Erythema | 1 | | | |
| Hyperparathyroidism | 1 | | | |
| Folliculitis | 1 | | | |
| Headache | 1 | | | |

Statistical analyses

No statistical analyses for this end point

Primary: Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 4

| | |
|-----------------|--|
| End point title | Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 4 ^[2] |
|-----------------|--|

End point description:

Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 4

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

End point timeframe:

30 minutes after ACTH-challenge at Week 4

Notes:

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

Justification: No statistical analyses for this end point

| End point values | Per protocol analysis set | | | |
|--|---------------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 31 | | | |
| Units: Number of subjects | | | | |
| Serum cortisol equal to or below 18 mcg/dL | 4 | | | |
| Serum cortisol above 18 mcg/dL | 27 | | | |

Statistical analyses

No statistical analyses for this end point

Primary: Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 8

| | |
|-----------------|--|
| End point title | Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 8 ^[3] |
|-----------------|--|

End point description:

Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at 30 Minutes After ACTH-challenge, Week 8

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

End point timeframe:

30 minutes after ACTH-challenge at Week 8

Notes:

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

Justification: No statistical analyses for this end point

| | | | | |
|--|---------------------------|--|--|--|
| End point values | Per protocol analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 31 | | | |
| Units: Number of subjects | | | | |
| Serum cortisol equal to or below 18 mcg/dL | 2 | | | |
| Serum cortisol above 18 mcg/dL | 27 | | | |
| No assessment performed, withdrawn before Week 8 | 2 | | | |

Statistical analyses

No statistical analyses for this end point

Primary: Change in Albumin-corrected Serum Calcium From Baseline to Week 4

| | |
|-----------------|--|
| End point title | Change in Albumin-corrected Serum Calcium From Baseline to Week 4 ^[4] |
|-----------------|--|

End point description:

Change in Albumin-corrected Serum Calcium From Baseline to Week 4

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

End point timeframe:

From baseline to Week 4

Notes:

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

Justification: No statistical analyses for this end point

| | | | | |
|--------------------------------------|-----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[5] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | -0.012 (\pm 0.131) | | | |

Notes:

[5] - Data available for 100 subjects

Statistical analyses

No statistical analyses for this end point

Primary: Change in Albumin-corrected Serum Calcium From Baseline to Week 8

| | |
|-----------------|--|
| End point title | Change in Albumin-corrected Serum Calcium From Baseline to Week 8 ^[6] |
|-----------------|--|

End point description:

Change in Albumin-corrected Serum Calcium From Baseline to Week 8

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

End point timeframe:

From baseline to Week 8

Notes:

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

Justification: No statistical analyses for this end point

| End point values | Safety analysis set | | | |
|--------------------------------------|-----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[7] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | -0.008 (\pm 0.125) | | | |

Notes:

[7] - Data available for 87 subjects

Statistical analyses

No statistical analyses for this end point

Primary: Change in Albumin-corrected Serum Calcium From Baseline to End of Treatment

| | |
|-----------------|--|
| End point title | Change in Albumin-corrected Serum Calcium From Baseline to End of Treatment ^[8] |
|-----------------|--|

End point description:

Change in Albumin-corrected Serum Calcium From Baseline to End of Treatment, Defined as the Last Value Recorded after Baseline Up to and Including Week 8.

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

End point timeframe:

From baseline to end of treatment

Notes:

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

Justification: No statistical analyses for this end point

| End point values | Safety analysis set | | | |
|--------------------------------------|-----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[9] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | -0.003 (\pm 0.121) | | | |

Notes:

[9] - Data available for 102 subjects

Statistical analyses

No statistical analyses for this end point

Primary: Change in 24-hour Urinary Calcium Excretion From Baseline to Week 4

| | |
|-----------------|---|
| End point title | Change in 24-hour Urinary Calcium Excretion From Baseline to Week 4 ^[10] |
|-----------------|---|

End point description:

Change in 24-hour Urinary Calcium Excretion From Baseline to Week 4

| | |
|--|---------|
| End point type | Primary |
| End point timeframe: | |
| From baseline to Week 4 | |
| Notes: | |
| [10] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point. | |
| Justification: No statistical analyses for this end point | |

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[11] | | | |
| Units: mmol/24hr | | | | |
| arithmetic mean (standard deviation) | -0.493 (± 1.669) | | | |

Notes:

[11] - Data available for 85 subjects

Statistical analyses

No statistical analyses for this end point

Primary: Change in 24-hour Urinary Calcium Excretion From Baseline to Week 8

| | |
|--|---|
| End point title | Change in 24-hour Urinary Calcium Excretion From Baseline to Week 8 ^[12] |
| End point description: | |
| Change in 24-hour Urinary Calcium Excretion From Baseline to Week 8 | |
| End point type | Primary |
| End point timeframe: | |
| From baseline to Week 8 | |
| Notes: | |
| [12] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point. | |
| Justification: No statistical analyses for this end point | |

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[13] | | | |
| Units: mmol/24hr | | | | |
| arithmetic mean (standard deviation) | 0.040 (± 1.638) | | | |

Notes:

[13] - Data available for 72 subjects

Statistical analyses

No statistical analyses for this end point

Primary: Change in 24-hour Urinary Calcium Excretion From Baseline to End of Treatment

| | | | | |
|-----------------|---|--|--|--|
| End point title | Change in 24-hour Urinary Calcium Excretion From Baseline to End of Treatment ^[14] | | | |
|-----------------|---|--|--|--|

End point description:

Change in 24-hour Urinary Calcium Excretion From Baseline to End of Treatment, Defined as the Last Value Recorded after Baseline Up to and Including Week 8.

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

End point timeframe:

From baseline to end of treatment

Notes:

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

Justification: No statistical analyses for this end point

| End point values | Safety analysis set | | | |
|--------------------------------------|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[15] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | 0.069 (± 1.593) | | | |

Notes:

[15] - Data available for 85 subjects

Statistical analyses

No statistical analyses for this end point

Secondary: Adverse Events (AEs)

| | |
|-----------------|----------------------|
| End point title | Adverse Events (AEs) |
|-----------------|----------------------|

End point description:

Number of Adverse Events (AEs)

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

End point timeframe:

8 weeks

| End point values | Safety analysis set | | | |
|-------------------------------------|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 | | | |
| Units: Adverse events | | | | |
| Nasopharyngitis | 6 | | | |
| Rhinitis | 2 | | | |
| Folliculitis | 1 | | | |
| Hordeolum | 1 | | | |
| Impetigo | 1 | | | |
| Peritonsillar abscess | 1 | | | |
| Upper respiratory tract infection | 1 | | | |
| Viral infection | 1 | | | |
| Blood parathyroid hormone increased | 5 | | | |
| Blood cortisol decreased | 2 | | | |
| Eosinophil count increased | 1 | | | |
| Headache | 8 | | | |

| | | | | |
|----------------------------|---|--|--|--|
| Balance disorder | 1 | | | |
| Dizziness | 1 | | | |
| Syncope | 1 | | | |
| Cough | 2 | | | |
| Oropharyngeal pain | 2 | | | |
| Dyspnoea | 1 | | | |
| Epistaxis | 1 | | | |
| Respiratory disorder | 1 | | | |
| Acne | 1 | | | |
| Erythema | 1 | | | |
| Pruritus | 1 | | | |
| Sunburn | 1 | | | |
| Abdominal pain upper | 1 | | | |
| Constipation | 1 | | | |
| Diarrhoea | 1 | | | |
| Back pain | 1 | | | |
| Muscle spasms | 1 | | | |
| Musculoskeletal chest pain | 1 | | | |
| Neck pain | 1 | | | |
| Dysmenorrhoea | 3 | | | |
| Arthropod sting | 1 | | | |
| Concussion | 1 | | | |
| Sleep disorder | 1 | | | |
| Suicide attempt | 1 | | | |
| Cardiovascular disorder | 1 | | | |
| Hyperparathyroidism | 1 | | | |
| Iron deficiency | 1 | | | |
| Wisdom teeth removal | 1 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 4

| | |
|-----------------|---|
| End point title | Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 4 |
|-----------------|---|

End point description:

Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 4

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

End point timeframe:

30 and 60 minutes after ACTH-challenge at Week 4

| | | | | |
|--|---------------------------|--|--|--|
| End point values | Per protocol analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 31 | | | |
| Units: Number of subjects | | | | |
| Serum cortisol equal to or below 18 mcg/dL | 0 | | | |
| Serum cortisol above 18 mcg/dL | 31 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 8

| | |
|------------------------|---|
| End point title | Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 8 |
| End point description: | Number of Subjects With Serum Cortisol Concentration of ≤ 18 mcg/dl at Both 30 and 60 Minutes After ACTH-challenge at Week 8 |
| End point type | Secondary |
| End point timeframe: | 30 and 60 minutes after ACTH-challenge at Week 8 |

| | | | | |
|--|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 31 | | | |
| Units: Number of subjects | | | | |
| Serum cortisol equal to or below 18 mcg/dL | 0 | | | |
| Serum cortisol above 18 mcg/dL | 29 | | | |
| No assessment performed, withdrawn before Week 8 | 2 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 4

| | |
|------------------------|--|
| End point title | Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 4 |
| End point description: | Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 4 |
| End point type | Secondary |

End point timeframe:
From baseline to Week 4

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[16] | | | |
| Units: mmol/g | | | | |
| arithmetic mean (standard deviation) | -0.098 (± 1.642) | | | |

Notes:

[16] - Data available for 85 subjects

Statistical analyses

No statistical analyses for this end point

Secondary: Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 8

| | |
|-----------------|--|
| End point title | Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 8 |
|-----------------|--|

End point description:

Change in Urinary Calcium:Creatinine Ratio From Baseline to Week 8

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

End point timeframe:

From baseline to Week 8

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[17] | | | |
| Units: mmol/g | | | | |
| arithmetic mean (standard deviation) | 0.219 (± 1.700) | | | |

Notes:

[17] - Data available for 72 subjects

Statistical analyses

No statistical analyses for this end point

Secondary: Change in Serum Alkaline Phosphatase From Baseline to Week 4

| | |
|-----------------|--|
| End point title | Change in Serum Alkaline Phosphatase From Baseline to Week 4 |
|-----------------|--|

End point description:

Change in Serum Alkaline Phosphatase From Baseline to Week 4

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

End point timeframe:
From baseline to Week 4

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[18] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | -0.4 (± 31.4) | | | |

Notes:

[18] - Data available for 100 subjects

Statistical analyses

No statistical analyses for this end point

Secondary: Change in Serum Alkaline Phosphatase From Baseline to Week 8

| | |
|--|--|
| End point title | Change in Serum Alkaline Phosphatase From Baseline to Week 8 |
| End point description: Change in Serum Alkaline Phosphatase From Baseline to Week 8 | |
| End point type | Secondary |
| End point timeframe: From baseline to Week 8 | |

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Safety analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 ^[19] | | | |
| Units: mmol/L | | | | |
| arithmetic mean (standard deviation) | -6.8 (± 42.6) | | | |

Notes:

[19] - Data available for 87 subjects

Statistical analyses

No statistical analyses for this end point

Secondary: Pharmacokinetic Evaluation AUC(0-t)

| | |
|---|-------------------------------------|
| End point title | Pharmacokinetic Evaluation AUC(0-t) |
| End point description: | |
| AUC(0-t) values for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, and MC1080. Betamethasone dipropionate was only detected above lower limit of quantification in 5 samples from 4 subjects, and no subjects had enough positive samples to allow calculation AUC(0-t) for betamethasone dipropionate. Betamethasone 17-propionate was only detected in 12 samples from 5 subjects, and only 2 subjects had enough positive samples to calculate AUC(0-t). The mean value of AUC(0-t) for these 2 subjects is presented for betamethasone 17-propionate. Calcipotriol and MC1080 were never detected above lower limit of quantification, therefore no PK parameters could be calculated | |

and no data have been entered for calcipotriol and MC1080.

| | |
|---|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 4, blood samples taken before IMP was applied and 1, 3, and 5 hours after application of IMP | |

| | | | | |
|--------------------------------------|--------------------|--|--|--|
| End point values | LEO 80185 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 32 ^[20] | | | |
| Units: pg*h/mL | | | | |
| arithmetic mean (standard deviation) | | | | |
| Betamethasone dipropionate (n=4) | 0 (± 0) | | | |
| Betamethasone 17-propionate (n=5) | 325 (± 193.75) | | | |
| Calcipotriol (n=0) | 0 (± 0) | | | |
| MC1080 (n=0) | 0 (± 0) | | | |

Notes:

[20] - PK in 32 subjects. Analysis set not defined. n=subjects with ≥1 sample where compound was detectable

Statistical analyses

No statistical analyses for this end point

Secondary: Pharmacokinetic Evaluation AUC(0-infinity)

| | |
|-----------------|--|
| End point title | Pharmacokinetic Evaluation AUC(0-infinity) |
|-----------------|--|

End point description:

AUC(0-infinity) values for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, and MC1080. Betamethasone dipropionate was only detected above lower limit of quantification in 5 samples from 4 subjects, and no subjects had enough positive samples to allow calculation AUC(0-infinity) for betamethasone dipropionate. Betamethasone 17-propionate was only detected in 12 samples from 5 subjects, and only 2 subjects had enough positive samples to calculate AUC(0-infinity). The mean value of AUC(0-infinity) for these 2 subjects is presented for betamethasone 17-propionate. Calcipotriol and MC1080 were never detected above lower limit of quantification, therefore no PK parameters could be calculated and no data have been entered for calcipotriol and MC1080.

The terms AUC(0-infinity) and AUC(all) are interchangeable, AUC(0-infinity) was used in the protocol whereas AUC(all) was used in the report. AUC(0-infinity) has been used here to be consistent with the protocol.

| | |
|---|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 4, blood samples taken before IMP was applied and 1, 3, and 5 hours after application of IMP | |

| | | | | |
|--------------------------------------|--------------------|--|--|--|
| End point values | LEO 80185 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 32 ^[21] | | | |
| Units: pg*h/mL | | | | |
| arithmetic mean (standard deviation) | | | | |
| Betamethasone dipropionate (n=4) | 0 (± 0) | | | |
| Betamethasone 17-propionate (n=5) | 325 (± 193.75) | | | |
| Calcipotriol (n=0) | 0 (± 0) | | | |

| | | | | |
|--------------|--------------|--|--|--|
| MC1080 (n=0) | 0 (\pm 0) | | | |
|--------------|--------------|--|--|--|

Notes:

[21] - PK in 32 subjects. Analysis set not defined. n=subjects with ≥ 1 sample where compound was detectable

Statistical analyses

No statistical analyses for this end point

Secondary: Pharmacokinetic Evaluation C(max)

| | |
|-----------------|-----------------------------------|
| End point title | Pharmacokinetic Evaluation C(max) |
|-----------------|-----------------------------------|

End point description:

C(max) values for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, and MC1080. Betamethasone dipropionate was only detected above lower limit of quantification in 5 samples from 4 subjects and betamethasone 17-propionate was only detected in 12 samples from 5 subjects, therefore pharmacokinetic profiles could not be calculated. Presented C(max) values for betamethasone dipropionate and betamethasone 17-propionate are the highest value observed at any time point. Calcipotriol and MC1080 were never detected above lower limit of quantification, therefore no C(max) values are available for calcipotriol and MC1080. Non-calculated values have been entered as "0".

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

End point timeframe:

Week 4, blood samples taken before IMP was applied and 1, 3, and 5 hours after application of IMP

| End point values | LEO 80185 | | | |
|-----------------------------------|--------------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 32 ^[22] | | | |
| Units: pg/mL | | | | |
| number (not applicable) | | | | |
| Betamethasone dipropionate (n=4) | 104 | | | |
| Betamethasone 17-propionate (n=5) | 126 | | | |
| Calcipotriol (n=0) | 0 | | | |
| MC1080 (n=0) | 0 | | | |

Notes:

[22] - PK in 32 subjects. Analysis set not defined. n=subjects with ≥ 1 sample where compound was detectable

Statistical analyses

No statistical analyses for this end point

Secondary: Pharmacokinetic Evaluation T(max)

| | |
|-----------------|-----------------------------------|
| End point title | Pharmacokinetic Evaluation T(max) |
|-----------------|-----------------------------------|

End point description:

T(max) values for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, and MC1080. Betamethasone dipropionate was only detected above lower limit of quantification in 5 samples from 4 subjects and betamethasone 17-propionate was only detected in 12 samples from 5 subjects. Calcipotriol and MC1080 were never detected above lower limit of quantification. Therefore it was not possible to calculate T(max) for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, or MC1080. Non-calculated values have been entered as "0".

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

End point timeframe:

Week 4, blood samples taken before IMP was applied and 1, 3, and 5 hours after application of IMP

| | | | | |
|-----------------------------------|--------------------|--|--|--|
| End point values | LEO 80185 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 32 ^[23] | | | |
| Units: hours | | | | |
| number (not applicable) | | | | |
| Betamethasone dipropionate (n=4) | 0 | | | |
| Betamethasone 17-propionate (n=5) | 0 | | | |
| Calcipotriol (n=0) | 0 | | | |
| MC1080 (n=0) | 0 | | | |

Notes:

[23] - PK in 32 subjects. Analysis set not defined. n=subjects with ≥ 1 sample where compound was detectable

Statistical analyses

No statistical analyses for this end point

Secondary: Pharmacokinetic Evaluation T($\frac{1}{2}$)

| | |
|-----------------|---|
| End point title | Pharmacokinetic Evaluation T($\frac{1}{2}$) |
|-----------------|---|

End point description:

T($\frac{1}{2}$) values for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, and MC1080. Betamethasone dipropionate was only detected above lower limit of quantification in 5 samples from 4 subjects and betamethasone 17-propionate was only detected in 12 samples from 5 subjects. Calcipotriol and MC1080 were never detected above lower limit of quantification. Therefore it was not possible to calculate T($\frac{1}{2}$) for betamethasone dipropionate, betamethasone 17-propionate, calcipotriol, or MC1080. Non-calculated values have been entered as "0".

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

End point timeframe:

Week 4, blood samples taken before IMP was applied and 1, 3, and 5 hours after application of IMP

| | | | | |
|-----------------------------------|--------------------|--|--|--|
| End point values | LEO 80185 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 32 ^[24] | | | |
| Units: hours | | | | |
| number (not applicable) | | | | |
| Betamethasone dipropionate (n=4) | 0 | | | |
| Betamethasone 17-propionate (n=5) | 0 | | | |
| Calcipotriol (n=0) | 0 | | | |
| MC1080 (n=0) | 0 | | | |

Notes:

[24] - PK in 32 subjects. Analysis set not defined. n=subjects with ≥ 1 sample where compound was detectable

Statistical analyses

No statistical analyses for this end point

Secondary: Subjects With "Controlled Disease" According to the Investigator's Global Assessment of Disease Severity on the Body at End of Treatment

| | |
|-----------------|--|
| End point title | Subjects With "Controlled Disease" According to the Investigator's Global Assessment of Disease Severity on the Body at End of Treatment |
|-----------------|--|

End point description:

Subjects with "Controlled disease" (i.e., "Clear" or "Almost clear" for subjects with at least "Moderate" disease at baseline, "Clear" for subjects with "Mild" disease at baseline) according to the investigator's global assessment of disease severity on the body at end of treatment, defined as the last value recorded up to and including Week 8.

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

End point timeframe:

End of treatment

| End point values | Full analysis set | | | |
|-----------------------------|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 | | | |
| Units: Number of subjects | | | | |
| Controlled | 62 | | | |
| Non-controlled | 45 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage Change in PASI From Baseline to End of Treatment

| | |
|-----------------|---|
| End point title | Percentage Change in PASI From Baseline to End of Treatment |
|-----------------|---|

End point description:

Percentage Change in PASI From Baseline to End of Treatment, Defined as the Last Value Recorded Up to and Including Week 8. Psoriasis area and severity index (PASI) assesses extent and severity of clinical signs of psoriasis vulgaris. Body surface is divided in 4 areas: head (incl. neck), arms (incl. hands), trunk (incl. flexures) and legs (incl. buttocks and feet). Each area is scored from 0-6 for extent of psoriasis and from 0-4 for redness, thickness, and scaliness, and an area PASI score is calculated. The total PASI score is calculated from each area's score. The PASI score ranges from 0 (clear skin) to 72 (maximum disease), a PASI score higher than 10 generally corresponds to moderate-to-severe disease.

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

End point timeframe:

From baseline to end of treatment

| | | | | |
|--------------------------------------|----------------------|--|--|--|
| End point values | Full analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 | | | |
| Units: Percentage change in PASI | | | | |
| arithmetic mean (standard deviation) | -78.7 (± 32.4) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Subjects With "Controlled Disease" According to the Patient's Global Assessment of Disease Severity on the Body at End of Treatment

| | |
|-----------------|---|
| End point title | Subjects With "Controlled Disease" According to the Patient's Global Assessment of Disease Severity on the Body at End of Treatment |
|-----------------|---|

End point description:

Subjects with "Controlled disease" (i.e., "Clear" or "Almost clear" for subjects with at least "Moderate" disease at baseline, "Clear" for subjects with "Mild" disease at baseline) according to the patient's global assessment of disease severity on the body at end of treatment, defined as the last value recorded up to and including Week 8.

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

End point timeframe:

End of treatment

| | | | | |
|-----------------------------|----------------------|--|--|--|
| End point values | Full analysis set | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 107 | | | |
| Units: Number of subjects | | | | |
| Controlled | 67 | | | |
| Non-controlled | 40 | | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

AEs/SAEs were followed up until final outcome was determined. After a subject left the trial, investigator followed up all SAEs and AEs deemed possibly/probably related to IMP for 14± 2 days or until final outcome was determined, whichever came first.

| | |
|-----------------|----------------|
| Assessment type | Non-systematic |
|-----------------|----------------|

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 15.1 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|--------------|
| Reporting group title | All subjects |
|-----------------------|--------------|

Reporting group description:

This arm contains all 107 subjects that were assigned to treatment and constitutes the safety analysis set.

| Serious adverse events | All subjects | | |
|---|-----------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| number of deaths (all causes) | 0 | | |
| number of deaths resulting from adverse events | 0 | | |
| Psychiatric disorders | | | |
| Suicide attempt | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |

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

| Non-serious adverse events | All subjects | | |
|---|-------------------|--|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 38 / 107 (35.51%) | | |
| Surgical and medical procedures | | | |
| Wisdom teeth removal | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Reproductive system and breast disorders | | | |

| | | | |
|---|--|--|--|
| Dysmenorrhoea subjects affected / exposed occurrences (all) | 3 / 107 (2.80%) 3 | | |
| Respiratory, thoracic and mediastinal disorders Cough subjects affected / exposed occurrences (all) Oropharyngeal pain subjects affected / exposed occurrences (all) Dyspnoea subjects affected / exposed occurrences (all) Epistaxis subjects affected / exposed occurrences (all) Respiratory disorder subjects affected / exposed occurrences (all) | 2 / 107 (1.87%) 2 2 / 107 (1.87%) 2 1 / 107 (0.93%) 1 1 / 107 (0.93%) 1 1 / 107 (0.93%) 1 | | |
| Psychiatric disorders Sleep disorder subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Investigations Blood parathyroid hormone increased subjects affected / exposed occurrences (all) Blood cortisol decreased subjects affected / exposed occurrences (all) Eosinophil count increased subjects affected / exposed occurrences (all) | 4 / 107 (3.74%) 5 2 / 107 (1.87%) 2 1 / 107 (0.93%) 1 | | |
| Injury, poisoning and procedural complications | | | |

| | | | |
|--|----------------------|--|--|
| Arthropod sting subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Concussion subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Cardiac disorders Cardiovascular disorder subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Nervous system disorders Headache subjects affected / exposed occurrences (all) | 6 / 107 (5.61%) 8 | | |
| Balance disorder subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Dizziness subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Syncope subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Gastrointestinal disorders Abdominal pain upper subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Constipation subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Diarrhoea subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Skin and subcutaneous tissue disorders Acne subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |

| | | | |
|--|----------------------|--|--|
| Erythema subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Pruritus subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Sunburn subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Endocrine disorders Hyperparathyroidism subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Musculoskeletal and connective tissue disorders Back pain subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Muscle spasms subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Musculoskeletal chest pain subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Neck pain subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |
| Infections and infestations Nasopharyngitis subjects affected / exposed occurrences (all) | 6 / 107 (5.61%) 6 | | |
| Rhinitis subjects affected / exposed occurrences (all) | 2 / 107 (1.87%) 2 | | |
| Folliculitis subjects affected / exposed occurrences (all) | 1 / 107 (0.93%) 1 | | |

| | | | |
|------------------------------------|-----------------|--|--|
| Hordeolum | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Impetigo | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Peritonsillar abscess | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Viral infection | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |
| Metabolism and nutrition disorders | | | |
| Iron deficiency | | | |
| subjects affected / exposed | 1 / 107 (0.93%) | | |
| occurrences (all) | 1 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|------------------|--|
| 13 November 2013 | Clarifications concerning efficacy, pharmacokinetic, and laboratory assessments; calculation of body surface area concomitant medications, vitamin D supplementation; details concerning discontinuation and end of treatment. |
| 12 June 2014 | Specification of US sites assigned to perform HPA axis and PK assessments; clarification of the main inclusion criteria for all subjects; additional inclusion criteria for subjects not performing HPA axis and PK assessments; dose for HPA axis subgroup; limit of vitamin D analogues; Australia & New Zealand removed as participating countries; sites updated; simplification to SAE reporting. |
| 16 February 2015 | Extent of BSA; definitions of controlled disease based on baseline disease severity, inclusion of subjects with mild disease severity; update of LSLV; specifications of data handling; additional inclusion criteria for HPA/ non-HPA subjects. |
| 14 August 2015 | Inclusion of Central and Eastern European sites; allowing German sites to perform HPA axis and PK assessments. |
| 24 November 2015 | Inclusion of Romanian sites for HPA axis and PK assessments; update of LSLV; inclusion of Synacthen® information. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported