



Clinical trial results:

A PHASE 2, MULTICENTER, GLOBAL, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP STUDY TO EVALUATE THE SAFETY AND EFFICACY OF CENDAKIMAB (CC-93538) IN ADULT SUBJECTS WITH MODERATE TO SEVERE ATOPIC DERMATITIS

Summary

| | |
|--------------------------|------------------|
| EudraCT number | 2020-005212-22 |
| Trial protocol | CZ |
| Global end of trial date | 09 November 2022 |

Results information

| | |
|--------------------------------|------------------|
| Result version number | v1 (current) |
| This version publication date | 24 November 2023 |
| First version publication date | 24 November 2023 |

Trial information

Trial identification

| | |
|-----------------------|-----------------|
| Sponsor protocol code | CC-93538-AD-001 |
|-----------------------|-----------------|

Additional study identifiers

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

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | Bristol-Myers Squibb |
| Sponsor organisation address | Chaussée de la Hulpe 185, Brussels, Belgium, 1170 |
| Public contact | EU Study Start-Up Unit, Bristol-Myers Squibb International Corporation, Clinical.Trials@bms.com |
| Scientific contact | Bristol-Myers Squibb Study Director, Bristol-Myers Squibb, Clinical.Trials@bms.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

Results analysis stage

| | |
|--|------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 09 March 2023 |
| Is this the analysis of the primary completion data? | No |
| Global end of trial reached? | Yes |
| Global end of trial date | 09 November 2022 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

To evaluate the clinical efficacy of 3 dosage regimens of CC-93538 compared with placebo on the change in the core clinical outcome measure, Eczema Area and Severity Index (EASI), in subjects with moderate to severe atopic dermatitis (AD)

Protection of trial subjects:

The study was in compliance with the ethical principles derived from the Declaration of Helsinki and in compliance with all International Conference on Harmonization Good Clinical Practice Guidelines. All the local regulatory requirements pertinent to safety of trial subjects were followed.

Background therapy: -

Evidence for comparator: -

| | |
|---|-------------|
| Actual start date of recruitment | 10 May 2021 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | Yes |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|-------------------|
| Country: Number of subjects enrolled | Canada: 33 |
| Country: Number of subjects enrolled | United States: 64 |
| Country: Number of subjects enrolled | Czechia: 44 |
| Country: Number of subjects enrolled | Poland: 43 |
| Country: Number of subjects enrolled | Japan: 36 |
| Worldwide total number of subjects | 220 |
| EEA total number of subjects | 87 |

Notes:

Subjects enrolled per age group

| | |
|---|---|
| In utero | 0 |
| Preterm newborn - gestational age < 37 wk | 0 |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |

| | |
|----------------------|-----|
| Adults (18-64 years) | 208 |
| From 65 to 84 years | 12 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

221 participants Randomized, 220 Participants Treated

Period 1

| | |
|------------------------------|-------------------------|
| Period 1 title | Randomization |
| Is this the baseline period? | No |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator |

Arms

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

| | |
|------------------|-------------|
| Arm title | Treatment 1 |
|------------------|-------------|

Arm description:

CC-93538 High Dose QW

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

High Dose QW

| | |
|------------------|-------------|
| Arm title | Treatment 2 |
|------------------|-------------|

Arm description:

CC-93538 High Dose Q2W

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

High Dose Q2W

| | |
|------------------|-------------|
| Arm title | Treatment 3 |
|------------------|-------------|

Arm description:

CC-93538 Low Dose Q2W

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Low Dose Q2W

| | |
|---|------------------------|
| Arm title | Placebo |
| Arm description: Placebo | |
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |
| Dosage and administration details: Placebo | |

| Number of subjects in period 1 | Treatment 1 | Treatment 2 | Treatment 3 |
|---------------------------------------|-------------|-------------|-------------|
| Started | 55 | 55 | 55 |
| Completed | 54 | 55 | 55 |
| Not completed | 1 | 0 | 0 |
| Did not receive study treatment | 1 | - | - |

| Number of subjects in period 1 | Placebo |
|---------------------------------------|---------|
| Started | 56 |
| Completed | 56 |
| Not completed | 0 |
| Did not receive study treatment | - |

Period 2

| | |
|------------------------------|-------------------------|
| Period 2 title | Treatment Period |
| Is this the baseline period? | Yes ^[1] |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator |

Arms

| | |
|---|------------------------|
| Are arms mutually exclusive? | Yes |
| Arm title | Treatment 1 |
| Arm description: CC-93538 High Dose QW | |
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

High Dose QW

| | |
|------------------|-------------|
| Arm title | Treatment 2 |
|------------------|-------------|

Arm description:

CC-93538 High Dose Q2W

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

High Dose Q2W

| | |
|------------------|-------------|
| Arm title | Treatment 3 |
|------------------|-------------|

Arm description:

CC-93538 Low Dose Q2W

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | CC-93538 |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Low Dose Q2W

| | |
|------------------|---------|
| Arm title | Placebo |
|------------------|---------|

Arm description:

Placebo

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

Dosage and administration details:

Placebo

Notes:

[1] - Period 1 is not the baseline period. It is expected that period 1 will be the baseline period.

Justification: Period 2 is the baseline period. mITT population

| Number of subjects in period 2 | Treatment 1 | Treatment 2 | Treatment 3 |
|---------------------------------------|-------------|-------------|-------------|
| Started | 54 | 55 | 55 |
| Completed | 49 | 50 | 52 |
| Not completed | 5 | 5 | 3 |
| Adverse event, non-fatal | 4 | 2 | 1 |
| Other Reasons | - | 2 | - |

| | | | |
|---------------------------|---|---|---|
| Withdrawal by participant | - | - | - |
| Lost to follow-up | - | 1 | 2 |
| Lack of efficacy | 1 | - | - |

| Number of subjects in period 2 | Placebo |
|---------------------------------------|---------|
| Started | 56 |
| Completed | 44 |
| Not completed | 12 |
| Adverse event, non-fatal | 2 |
| Other Reasons | 1 |
| Withdrawal by participant | 4 |
| Lost to follow-up | 2 |
| Lack of efficacy | 3 |

Baseline characteristics

Reporting groups

| | |
|--|-------------|
| Reporting group title | Treatment 1 |
| Reporting group description: CC-93538 High Dose QW | |
| Reporting group title | Treatment 2 |
| Reporting group description: CC-93538 High Dose Q2W | |
| Reporting group title | Treatment 3 |
| Reporting group description: CC-93538 Low Dose Q2W | |
| Reporting group title | Placebo |
| Reporting group description: Placebo | |

| Reporting group values | Treatment 1 | Treatment 2 | Treatment 3 |
|--|-------------|-------------|-------------|
| Number of subjects | 54 | 55 | 55 |
| Age Categorical Units: Participants | | | |
| Between 18 and 65 years | 52 | 52 | 51 |
| >=65 years | 2 | 3 | 4 |
| Age continuous Units: years | | | |
| arithmetic mean | 36.3 | 34.5 | 40.3 |
| standard deviation | ± 13.0 | ± 13.76 | ± 14.18 |
| Sex: Female, Male Units: Participants | | | |
| Female | 19 | 26 | 29 |
| Male | 35 | 29 | 26 |
| Race (NIH/OMB) Units: Subjects | | | |
| American Indian or Alaska Native | 1 | 0 | 0 |
| Asian | 19 | 14 | 14 |
| Black or African American | 4 | 8 | 5 |
| White | 30 | 33 | 36 |
| Ethnicity (NIH/OMB) Units: Subjects | | | |
| Hispanic or Latino | 1 | 2 | 0 |
| Not Hispanic or Latino | 53 | 53 | 55 |
| Unknown or Not Reported | 0 | 0 | 0 |

| Reporting group values | Placebo | Total | |
|--|---------|-------|--|
| Number of subjects | 56 | 220 | |
| Age Categorical Units: Participants | | | |
| Between 18 and 65 years | 53 | 208 | |
| >=65 years | 3 | 12 | |

| | | | |
|---|-----------------|-----|--|
| Age continuous Units: years arithmetic mean standard deviation | 39.5 ± 14.22 | - | |
| Sex: Female, Male Units: Participants | | | |
| Female | 21 | 95 | |
| Male | 35 | 125 | |
| Race (NIH/OMB) Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 1 | |
| Asian | 13 | 60 | |
| Black or African American | 6 | 23 | |
| White | 37 | 136 | |
| Ethnicity (NIH/OMB) Units: Subjects | | | |
| Hispanic or Latino | 3 | 6 | |
| Not Hispanic or Latino | 53 | 214 | |
| Unknown or Not Reported | 0 | 0 | |

End points

End points reporting groups

| | |
|--|-------------|
| Reporting group title | Treatment 1 |
| Reporting group description: CC-93538 High Dose QW | |
| Reporting group title | Treatment 2 |
| Reporting group description: CC-93538 High Dose Q2W | |
| Reporting group title | Treatment 3 |
| Reporting group description: CC-93538 Low Dose Q2W | |
| Reporting group title | Placebo |
| Reporting group description: Placebo | |
| Reporting group title | Treatment 1 |
| Reporting group description: CC-93538 High Dose QW | |
| Reporting group title | Treatment 2 |
| Reporting group description: CC-93538 High Dose Q2W | |
| Reporting group title | Treatment 3 |
| Reporting group description: CC-93538 Low Dose Q2W | |
| Reporting group title | Placebo |
| Reporting group description: Placebo | |

Primary: Mean percentage change from baseline in EASI at week 16

| | |
|---|---|
| End point title | Mean percentage change from baseline in EASI at week 16 |
| End point description: The Eczema Area and Severity Index (EASI) is a composite scoring system assessed by the Investigator based on the proportion of each of the 4 body regions (head and neck, upper limbs, lower limbs, and trunk) affected with Atopic Dermatitis (AD) and the intensity of each of 4 main signs of AD (eg, erythema, induration/papulation, excoriation, and lichenification) and is based on a 4-point scale of 0 (none), 1 (mild), 2 (moderate), and 3 (severe). The sum of the scores is totaled (0 to 72), the lower the score the better. | |
| End point type | Primary |
| End point timeframe: From initial EASI measurement to week 16 | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|----------------------------------|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Percentage | | | | |
| arithmetic mean (standard error) | -84.41 (\pm 5.07) | -76.03 (\pm 4.20) | -78.93 (\pm 4.53) | -62.65 (\pm 5.53) |

Statistical analyses

| | |
|---|--------------------------------|
| Statistical analysis title | EASI - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.003 |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -21.76 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -35.81 |
| upper limit | -7.7 |

| | |
|---|--------------------------------|
| Statistical analysis title | EASI - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.029 |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -16.28 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -30.88 |
| upper limit | -1.68 |

| | |
|-----------------------------------|-------------------------------|
| Statistical analysis title | EASI - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |

| | |
|---|--------------------------------|
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.057 |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -13.38 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -27.19 |
| upper limit | 0.43 |

Secondary: Percent change from baseline in pruritus NRS at Week 16

| | |
|------------------------|--|
| End point title | Percent change from baseline in pruritus NRS at Week 16 |
| End point description: | Pruritus will be assessed by the subject using the Pruritus NRS, which was developed and validated as a single item, patient reported outcome (PRO) of itch severity. Clinical response is indicated by a ≥ 2 to 4-point change from baseline in Peak Pruritus NRS score. The intensity of pruritus will be assessed based on last 24 hours using a validated 11-point NRS, ranging from 0 ("no pruritus") to 10 ("the worst pruritus imaginable"). |
| End point type | Secondary |
| End point timeframe: | From initial NRS measurement to week 16 |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|---|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Mean Percentage Change from baseline | | | | |
| arithmetic mean (standard error) | -55.48 (\pm 6.22) | -46.15 (\pm 5.32) | -49.30 (\pm 5.89) | -32.98 (\pm 7.46) |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Pruritus NRS - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted Mean Difference VS Placebo |
| Point estimate | -13.17 |

| | |
|---------------------|---------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -30.67 |
| upper limit | 4.33 |

| | |
|---|---------------------------------------|
| Statistical analysis title | Pruritis NRS - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted Mean Difference VS Placebo |
| Point estimate | -16.32 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -36.4 |
| upper limit | 3.75 |

| | |
|---|---------------------------------------|
| Statistical analysis title | Pruritis NRS - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted Mean Difference VS Placebo |
| Point estimate | -22.5 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -41.46 |
| upper limit | -3.54 |

Secondary: Time to achieve at least 4 points of improvement in the severity of pruritus NRS scale in the first 16 weeks of treatment

| | |
|-----------------|---|
| End point title | Time to achieve at least 4 points of improvement in the severity of pruritus NRS scale in the first 16 weeks of treatment |
|-----------------|---|

End point description:

Pruritus will be assessed by the subject using the Pruritus NRS, which was developed and validated as a single item, patient reported outcome (PRO) of itch severity. Clinical response is indicated by a ≥ 2 to 4-point change from baseline in Peak Pruritus NRS score. The intensity of pruritus will be assessed based on last 24 hours using a validated 11-point NRS, ranging from 0 ("no pruritus") to 10 ("the worst pruritus imaginable").

Here "99999" means NA

| | |
|--|-----------|
| End point type | Secondary |
| End point timeframe: | |
| From initial NRS assessment to week 16 | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|----------------------------------|---------------------|----------------------|----------------------|------------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Days | | | | |
| median (confidence interval 95%) | 54.0 (28.0 to 93.0) | 76.0 (42.0 to 105.0) | 50.0 (27.0 to 111.0) | 123.0 (119.0 to 99999) |

Statistical analyses

No statistical analyses for this end point

Secondary: Number of participants with treatment emergent adverse events

| | |
|--|---|
| End point title | Number of participants with treatment emergent adverse events |
| End point description: Treatment emergent adverse events | |
| End point type | Secondary |
| End point timeframe: From first treatment to the end of follow up, approximately 32 weeks | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Participants | | | | |
| Any TEAE | 40 | 41 | 38 | 41 |
| Any TEAE leading to discontinuation | 4 | 2 | 1 | 2 |
| Any TEAE of special interest | 9 | 10 | 8 | 10 |
| Any TESAE | 2 | 1 | 2 | 4 |

Statistical analyses

No statistical analyses for this end point

Secondary: Number of participants with the presence of serum antibodies to CC-93538

| | |
|-----------------|--|
| End point title | Number of participants with the presence of serum antibodies |
|-----------------|--|

End point description:

End point type Secondary

End point timeframe:

From first treatment to the end of follow up, approximately 32 weeks

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | |
|-----------------------------|-----------------|-----------------|-----------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 54 | 55 | 55 | |
| Units: Participants | | | | |
| Baseline ADA Positive | 0 | 3 | 1 | |
| Post Baseline Positive | 22 | 35 | 28 | |
| Post Baseline Negative | 32 | 20 | 27 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Serum trough concentration at week 16

End point title Serum trough concentration at week 16

End point description:

End point type Secondary

End point timeframe:

At week 16

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | |
|---|------------------------|------------------------|------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 43 | 45 | 45 | |
| Units: ng/mL | | | | |
| geometric mean (geometric coefficient of variation) | 274180.6 (\pm 88.0) | 140413.6 (\pm 44.0) | 57046.4 (\pm 106.8) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change in Mean SCORAD scores from baseline at week 16

End point title Percent Change in Mean SCORAD scores from baseline at week 16

End point description:

The SCORAD is a validated scoring index for atopic dermatitis, which combines extent (0 to 100), severity (0 to 18), and subjective symptoms (0 to 20) based on pruritus and sleep loss, each scored (0 to 10). The subject will assess the subjective symptoms (itch and sleepless) part of the assessment.

SCORing Atopic Dermatitis Index (SCORAD) score ranges from 0 to 103, higher scores indicate more severe disease.

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

End point timeframe:

From initial SCORAD measurement to week 16

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|---|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Mean Percentage Change from baseline | | | | |
| arithmetic mean (standard error) | -69.28 (\pm 4.64) | -55.47 (\pm 4.08) | -60.19 (\pm 4.38) | -41.11 (\pm 5.61) |

Statistical analyses

| | |
|---|---------------------------------|
| Statistical analysis title | SCORAD - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -28.16 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -41.89 |
| upper limit | -14.44 |

| | |
|---|---------------------------------|
| Statistical analysis title | SCORAD - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -19.07 |

| | |
|---------------------|---------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -33.53 |
| upper limit | -4.62 |

| | |
|---|---------------------------------|
| Statistical analysis title | SCORAD - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Mean difference (final values) |
| Point estimate | -14.36 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -27.26 |
| upper limit | -1.46 |

Secondary: Number of participants with clinically significant laboratory abnormalities

| | |
|--|---|
| End point title | Number of participants with clinically significant laboratory abnormalities |
| End point description: | |
| End point type | Secondary |
| End point timeframe: | |
| From first treatment to the end of follow up, approximately 32 weeks | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Number of Subjects | 0 | 0 | 0 | 0 |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of responders with an vIGA-AD score of 0 (clear) or 1 (almost clear) and a reduction ≥ 2 points from Baseline at Week 16

| | |
|------------------------|--|
| End point title | Percentage of responders with an vIGA-AD score of 0 (clear) or 1 (almost clear) and a reduction \geq 2 points from Baseline at Week 16 |
| End point description: | The Validated Investigator Global Assessment (vIGA-AD) is a validated 5-point assessment intended to assess the global severities of key acute clinical signs of AD, including erythema, induration/papulation, oozing/crusting (lichenification excluded). The rating of clear (0), almost clear (1), mild (2), moderate (3) and severe (4), will be assessed at scheduled visits. The vIGA-AD must be conducted before the EASI assessment. The vIGA-AD is a static evaluation conducted without regard to the score obtained at a previous visit. |
| End point type | Secondary |
| End point timeframe: | From initial vIGA-AD assessment to week 16 |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Percentage of Participants | | | | |
| number (not applicable) | 33.3 | 24.4 | 38.2 | 9.4 |

Statistical analyses

| | |
|---|----------------------------------|
| Statistical analysis title | vIGA-AD - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.004 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 24 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 8.8 |
| upper limit | 39.2 |

| | |
|-----------------------------------|----------------------------------|
| Statistical analysis title | vIGA-AD - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |

| | |
|---|----------------------------|
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | < 0.001 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 28.9 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 13.6 |
| upper limit | 44.2 |

| | |
|---|----------------------------------|
| Statistical analysis title | vIGA-AD - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.061 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 15.3 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 0.8 |
| upper limit | 29.8 |

Secondary: Percentage of EASI-75 responders at week 16

| | |
|---|---|
| End point title | Percentage of EASI-75 responders at week 16 |
| End point description: | |
| <p>The EASI is a composite scoring system assessed by the Investigator based on the proportion of each of the 4 body regions (head and neck, upper limbs, lower limbs, and trunk) affected with AD and the intensity of each of 4 main signs of AD (eg, erythema, induration/papulation, excoriation, and lichenification) and is based on a 4-point scale of 0 (none), 1 (mild), 2 (moderate), and 3 (severe). The sum of the scores is totaled (0 to 72), the lower the score the better.</p> | |
| End point type | Secondary |
| End point timeframe: | |
| From initial EASI measurement to week 16 | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Percentage of Participants | | | | |
| number (not applicable) | 50.0 | 48.2 | 52.7 | 26.3 |

Statistical analyses

| | |
|---|---------------------------------|
| Statistical analysis title | EASI75 - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.018 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Difference VS Placebo |
| Point estimate | 23.7 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 6.2 |
| upper limit | 41.2 |

| | |
|---|---------------------------------|
| Statistical analysis title | EASI75 - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.033 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Difference VS Placebo |
| Point estimate | 21.8 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 4.3 |
| upper limit | 39.3 |

| | |
|-----------------------------------|---------------------------------|
| Statistical analysis title | EASI75 - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |

| | |
|---|-------------------------|
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.006 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Difference VS Placebo |
| Point estimate | 26.7 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 9.3 |
| upper limit | 44 |

Secondary: Percentage of EASI-90 responders at week 16

| | |
|--|---|
| End point title | Percentage of EASI-90 responders at week 16 |
| End point description: | |
| <p>The Eczema Area and Severity Index (EASI) is a composite scoring system assessed by the Investigator based on the proportion of each of the 4 body regions (head and neck, upper limbs, lower limbs, and trunk) affected with Atopic Dermatitis (AD) and the intensity of each of 4 main signs of AD (eg, erythema, induration/papulation, excoriation, and lichenification) and is based on a 4-point scale of 0 (none), 1 (mild), 2 (moderate), and 3 (severe). The sum of the scores is totaled (0 to 72), the lower the score the better.</p> | |
| End point type | Secondary |
| End point timeframe: | |
| From initial EASI measurement to week 16 | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Percentage of participants | | | | |
| number (not applicable) | 31.5 | 24.0 | 29.1 | 13.4 |

Statistical analyses

| | |
|---|---------------------------------|
| Statistical analysis title | EASI90 - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference |
| Point estimate | 18.1 |

| | |
|---------------------|---------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.3 |
| upper limit | 33.9 |

| | |
|---|---------------------------------|
| Statistical analysis title | EASI90 - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference |
| Point estimate | 15.9 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 0.4 |
| upper limit | 31.4 |

| | |
|---|---------------------------------|
| Statistical analysis title | EASI90 - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference |
| Point estimate | 10.5 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -4.6 |
| upper limit | 25.7 |

Secondary: Adjust mean percentage change in BSA in atopic dermatitis from Baseline at Week 16

| | |
|-----------------|--|
| End point title | Adjust mean percentage change in BSA in atopic dermatitis from Baseline at Week 16 |
|-----------------|--|

End point description:

Body Surface Area involvement will be calculated from the sum of the number of handprints of skin afflicted with atopic dermatitis in a body region. The number of handprints of skin afflicted with atopic dermatitis in a body region can be used to determine the extent (%) to which a body region is involved with AD. When measuring, the handprint unit refers to the size of each individual subject's hand with fingers in a closed position. BSA will be calculated by the Investigator or qualified designee using the 1% handprint rule, in which the area represented by the palm with all 5 digits adducted together is approximately 1% of the subject's BSA.

| | |
|--|-----------|
| End point type | Secondary |
| End point timeframe: | |
| From initial BSA assessment to week 16 | |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: mean percentage | | | | |
| arithmetic mean (standard error) | -78.85 (± 6.13) | -64.01 (± 5.30) | -66.60 (± 6.03) | -55.73 (± 6.90) |

Statistical analyses

| | |
|---|-------------------------------------|
| Statistical analysis title | BSA - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted mean difference VS Placebo |
| Point estimate | -23.12 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -41.48 |
| upper limit | -4.76 |

| | |
|---|-------------------------------------|
| Statistical analysis title | BSA - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted mean difference VS Placebo |
| Point estimate | -10.87 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -29.39 |
| upper limit | 7.66 |

| | |
|---|-------------------------------------|
| Statistical analysis title | BSA - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| Method | ANCOVA |
| Parameter estimate | Adjusted mean difference VS Placebo |
| Point estimate | -8.28 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -25.16 |
| upper limit | 8.59 |

Secondary: Percentage of participants with a response and pruritus NRS change of ≥ 4 points from Baseline at Week 16

| | |
|------------------------|--|
| End point title | Percentage of participants with a response and pruritus NRS change of ≥ 4 points from Baseline at Week 16 |
| End point description: | Pruritus will be assessed by the subject using the Pruritus NRS, which was developed and validated as a single item, patient reported outcome (PRO) of itch severity. Clinical response is indicated by a ≥ 2 to 4-point change from baseline in Peak Pruritus NRS score. The intensity of pruritus will be assessed based on last 24 hours using a validated 11-point NRS, ranging from 0 ("no pruritus") to 10 ("the worst pruritus imaginable"). |
| End point type | Secondary |
| End point timeframe: | From initial NRS assessment to week 16 |

| End point values | Treatment 1 | Treatment 2 | Treatment 3 | Placebo |
|-----------------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 54 | 55 | 55 | 56 |
| Units: Percentage of Participants | | | | |
| number (not applicable) | 33.3 | 34.5 | 32.7 | 14.8 |

Statistical analyses

| | |
|---|-----------------------------------|
| Statistical analysis title | Pruritus - Statistical Analysis 1 |
| Comparison groups | Treatment 1 v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.042 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 18.5 |

| | |
|---------------------|---------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.7 |
| upper limit | 34.3 |

| | |
|---|-----------------------------------|
| Statistical analysis title | Pruritis - Statistical Analysis 3 |
| Comparison groups | Treatment 3 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.052 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 18 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.3 |
| upper limit | 33.6 |

| | |
|---|-----------------------------------|
| Statistical analysis title | Pruritis - Statistical Analysis 2 |
| Comparison groups | Treatment 2 v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.029 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk Difference VS Placebo |
| Point estimate | 19.9 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 4.1 |
| upper limit | 35.7 |

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Adverse Events and Serious Adverse Events (From first treatment to end of study): Approximately 32 Weeks

All-Cause mortality (From randomization to end of study): Approximately 33 Weeks

Adverse event reporting additional description:

The number at Risk for All-Cause Mortality represents all Randomized Participants. The number at Risk for Serious Adverse Events and Other (Not Including Serious) Adverse Events represents all participants that received at least 1 dose of study medication

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 25.1 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|-------------|
| Reporting group title | Treatment 1 |
|-----------------------|-------------|

Reporting group description:

High Dose QW

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

Reporting group description:

Placebo

| | |
|-----------------------|-------------|
| Reporting group title | Treatment 3 |
|-----------------------|-------------|

Reporting group description:

Low Dose Q2W

| | |
|-----------------------|-------------|
| Reporting group title | Treatment 2 |
|-----------------------|-------------|

Reporting group description:

High Dose Q2W

| Serious adverse events | Treatment 1 | Placebo | Treatment 3 |
|---|----------------|----------------|----------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 4 / 56 (7.14%) | 2 / 55 (3.64%) |
| number of deaths (all causes) | 0 | 0 | 0 |
| number of deaths resulting from adverse events | | | |
| Injury, poisoning and procedural complications | | | |
| Road traffic accident | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 56 (1.79%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vascular disorders | | | |
| Deep vein thrombosis | | | |

| | | | |
|--|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 56 (0.00%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal disorders | | | |
| Large intestine polyp | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 56 (1.79%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pulmonary hypertension | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 56 (0.00%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Skin and subcutaneous tissue disorders | | | |
| Angioedema | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 56 (0.00%) | 1 / 55 (1.82%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Psychiatric disorders | | | |
| Mental status changes | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 56 (1.79%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Infections and infestations | | | |
| COVID-19 | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 56 (0.00%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cellulitis | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 1 / 56 (1.79%) | 0 / 55 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Product issues | | | |
| Device dislocation | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 56 (0.00%) | 1 / 55 (1.82%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| Serious adverse events | Treatment 2 | | |
|---|----------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 1 / 55 (1.82%) | | |
| number of deaths (all causes) | 0 | | |
| number of deaths resulting from adverse events | | | |
| Injury, poisoning and procedural complications | | | |
| Road traffic accident | | | |
| subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Vascular disorders | | | |
| Deep vein thrombosis | | | |
| subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Gastrointestinal disorders | | | |
| Large intestine polyp | | | |
| subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pulmonary hypertension | | | |
| subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Skin and subcutaneous tissue disorders | | | |
| Angioedema | | | |
| subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Psychiatric disorders | | | |

| | | | |
|--|----------------|--|--|
| Mental status changes subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Infections and infestations | | | |
| COVID-19 subjects affected / exposed | 1 / 55 (1.82%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Cellulitis subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Product issues | | | |
| Device dislocation subjects affected / exposed | 0 / 55 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |

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

| Non-serious adverse events | Treatment 1 | Placebo | Treatment 3 |
|--|------------------|------------------|------------------|
| Total subjects affected by non-serious adverse events subjects affected / exposed | 34 / 54 (62.96%) | 34 / 56 (60.71%) | 29 / 55 (52.73%) |
| Investigations | | | |
| Blood creatine phosphokinase increased subjects affected / exposed | 3 / 54 (5.56%) | 0 / 56 (0.00%) | 1 / 55 (1.82%) |
| occurrences (all) | 3 | 0 | 1 |
| Alanine aminotransferase increased subjects affected / exposed | 3 / 54 (5.56%) | 0 / 56 (0.00%) | 0 / 55 (0.00%) |
| occurrences (all) | 3 | 0 | 0 |
| Nervous system disorders | | | |
| Headache subjects affected / exposed | 2 / 54 (3.70%) | 2 / 56 (3.57%) | 2 / 55 (3.64%) |
| occurrences (all) | 2 | 2 | 2 |
| General disorders and administration | | | |

| | | | |
|---|------------------|------------------|------------------|
| site conditions | | | |
| Injection site erythema | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 56 (0.00%) | 3 / 55 (5.45%) |
| occurrences (all) | 5 | 0 | 7 |
| Fatigue | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 1 / 56 (1.79%) | 0 / 55 (0.00%) |
| occurrences (all) | 4 | 1 | 0 |
| Pyrexia | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 5 / 56 (8.93%) | 1 / 55 (1.82%) |
| occurrences (all) | 0 | 5 | 1 |
| Eye disorders | | | |
| Conjunctivitis allergic | | | |
| subjects affected / exposed | 4 / 54 (7.41%) | 2 / 56 (3.57%) | 5 / 55 (9.09%) |
| occurrences (all) | 4 | 2 | 6 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Cough | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 56 (1.79%) | 1 / 55 (1.82%) |
| occurrences (all) | 0 | 1 | 1 |
| Skin and subcutaneous tissue disorders | | | |
| Acne | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 56 (0.00%) | 1 / 55 (1.82%) |
| occurrences (all) | 0 | 0 | 1 |
| Dermatitis atopic | | | |
| subjects affected / exposed | 20 / 54 (37.04%) | 20 / 56 (35.71%) | 19 / 55 (34.55%) |
| occurrences (all) | 27 | 41 | 27 |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 1 / 56 (1.79%) | 3 / 55 (5.45%) |
| occurrences (all) | 2 | 1 | 4 |
| Infections and infestations | | | |
| Folliculitis | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 2 / 56 (3.57%) | 1 / 55 (1.82%) |
| occurrences (all) | 3 | 2 | 1 |
| COVID-19 | | | |
| subjects affected / exposed | 4 / 54 (7.41%) | 9 / 56 (16.07%) | 3 / 55 (5.45%) |
| occurrences (all) | 4 | 9 | 3 |
| Upper respiratory tract infection | | | |

| | | | |
|---|---------------------|---------------------|---------------------|
| subjects affected / exposed occurrences (all) | 4 / 54 (7.41%) 5 | 5 / 56 (8.93%) 5 | 5 / 55 (9.09%) 6 |
| Nasopharyngitis subjects affected / exposed occurrences (all) | 2 / 54 (3.70%) 2 | 2 / 56 (3.57%) 2 | 3 / 55 (5.45%) 4 |
| Respiratory tract infection subjects affected / exposed occurrences (all) | 1 / 54 (1.85%) 1 | 3 / 56 (5.36%) 3 | 0 / 55 (0.00%) 0 |

| | | | |
|---|---------------------|--|--|
| Non-serious adverse events | Treatment 2 | | |
| Total subjects affected by non-serious adverse events subjects affected / exposed | 35 / 55 (63.64%) | | |
| Investigations Blood creatine phosphokinase increased subjects affected / exposed occurrences (all) | 3 / 55 (5.45%) 4 | | |
| Alanine aminotransferase increased subjects affected / exposed occurrences (all) | 2 / 55 (3.64%) 2 | | |
| Nervous system disorders Headache subjects affected / exposed occurrences (all) | 4 / 55 (7.27%) 5 | | |
| General disorders and administration site conditions Injection site erythema subjects affected / exposed occurrences (all) | 0 / 55 (0.00%) 0 | | |
| Fatigue subjects affected / exposed occurrences (all) | 0 / 55 (0.00%) 0 | | |
| Pyrexia subjects affected / exposed occurrences (all) | 4 / 55 (7.27%) 5 | | |
| Eye disorders Conjunctivitis allergic | | | |

| | | | |
|--|--|--|--|
| subjects affected / exposed occurrences (all) | 7 / 55 (12.73%) 11 | | |
| Respiratory, thoracic and mediastinal disorders Cough subjects affected / exposed occurrences (all) | 3 / 55 (5.45%) 3 | | |
| Skin and subcutaneous tissue disorders Acne subjects affected / exposed occurrences (all) Dermatitis atopic subjects affected / exposed occurrences (all) | 3 / 55 (5.45%) 6 15 / 55 (27.27%) 15 | | |
| Musculoskeletal and connective tissue disorders Back pain subjects affected / exposed occurrences (all) | 2 / 55 (3.64%) 2 | | |
| Infections and infestations Folliculitis subjects affected / exposed occurrences (all) COVID-19 subjects affected / exposed occurrences (all) Upper respiratory tract infection subjects affected / exposed occurrences (all) Nasopharyngitis subjects affected / exposed occurrences (all) Respiratory tract infection subjects affected / exposed occurrences (all) | 2 / 55 (3.64%) 2 4 / 55 (7.27%) 4 6 / 55 (10.91%) 9 1 / 55 (1.82%) 1 3 / 55 (5.45%) 3 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|----------------|--|
| 24 August 2021 | This is a country specific amendment for the Czech Republic. As a result of questions raised by State Institute for Drug Control (SUKL), Ministry of Health in Czech Republic during the clinical trial application review process, changes have been incorporated in the protocol CC-93538-AD-001. As requested by the Czech Republic Health Authority, significant changes included in this amendment are summarized below: Reduction in upper end age limit for inclusion into the study Increase in the required weight threshold for inclusion into the study Update to Criteria for Discontinuation of Dosing Update to Required Weight Assessments During the Treatment Phase Addition of Supplemental Laboratory Information |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported