

**Clinical trial results:**

**A randomized, double-blind, placebo-controlled, multi-center study of the efficacy and safety of STG320 sublingual tablets of house dust mite (HDM) allergen extracts in adults and adolescents with HDM-associated allergic rhinitis**

**Summary**

|                          |                         |
|--------------------------|-------------------------|
| EudraCT number           | 2014-004223-46          |
| Trial protocol           | BE SK DE CZ BG PL ES IT |
| Global end of trial date | 25 June 2018            |

**Results information**

|                                |                 |
|--------------------------------|-----------------|
| Result version number          | v1 (current)    |
| This version publication date  | 04 October 2019 |
| First version publication date | 04 October 2019 |

**Trial information****Trial identification**

|                       |         |
|-----------------------|---------|
| Sponsor protocol code | SL75.14 |
|-----------------------|---------|

**Additional study identifiers**

|                                    |                   |
|------------------------------------|-------------------|
| ISRCTN number                      | -                 |
| ClinicalTrials.gov id (NCT number) | NCT02443805       |
| WHO universal trial number (UTN)   | -                 |
| Other trial identifiers            | 16252: IND Number |

Notes:

**Sponsors**

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Stallergenes Greer   |
| Sponsor organisation address | 6 rue Alexis de Tocqueville, Antony, France, 92160   |
| Public contact               | Director of Clinical Development, Stallergenes Greer, 0033 155592556, martine.legall@stallergenesgreer.com |
| Scientific contact           | Director of Clinical Development, Stallergenes Greer, 0033 155592556, martine.legall@stallergenesgreer.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                       | 12 July 2019 |
| Is this the analysis of the primary completion data? | Yes          |
| Primary completion date                              | 25 June 2018 |
| Global end of trial reached?                         | Yes          |
| Global end of trial date                             | 25 June 2018 |
| Was the trial ended prematurely?                     | No           |

Notes:

## General information about the trial

Main objective of the trial:

The objective of this study was to assess the efficacy and safety of 12 months of treatment with 300 IR of STG320 sublingual tablets compared with placebo in adults and adolescents with HDM-associated allergic rhinitis.

Protection of trial subjects:

An independent Data and Safety Monitoring Board was responsible for assuring that study patients were not exposed to unnecessary or unreasonable risks and that the study was being conducted according to high scientific and ethical standards.

Background therapy: -

Evidence for comparator: -

|   |                   |
|---|-------------------|
| Actual start date of recruitment                          | 29 September 2015 |
| 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 | Belgium: 40            |
| Country: Number of subjects enrolled | Bulgaria: 74           |
| Country: Number of subjects enrolled | Canada: 173            |
| Country: Number of subjects enrolled | Czech Republic: 138    |
| Country: Number of subjects enrolled | France: 37             |
| Country: Number of subjects enrolled | Germany: 88            |
| Country: Number of subjects enrolled | Israel: 50             |
| Country: Number of subjects enrolled | Italy: 16              |
| Country: Number of subjects enrolled | Poland: 382            |
| Country: Number of subjects enrolled | Russian Federation: 49 |
| Country: Number of subjects enrolled | Slovakia: 158          |
| Country: Number of subjects enrolled | Spain: 60              |
| Country: Number of subjects enrolled | United States: 342     |
| Worldwide total number of subjects   | 1607                   |
| EEA total number of subjects         | 993                    |

Notes:

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**Subjects enrolled per age group**

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|   |      |
|---|------|
| 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)                 | 343  |
| Adults (18-64 years)                      | 1262 |
| From 65 to 84 years                       | 2    |
| 85 years and over                         | 0    |

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## Subject disposition

### Recruitment

Recruitment details:

This study was conducted between 29 September 2015 (first patient, first visit) and 25 June 2018 (last patient, last visit).

### Pre-assignment

Screening details:

A total of 4,267 patients were screened and 1,607 patients were randomized. 2 174 (50.9%) and 486 (11.4%) patients were excluded before and during the placebo run-in period, respectively. The main reason for screen failures at these two stages was a failure to meet randomization criteria.

### Pre-assignment period milestones

|                              |      |
|------------------------------|------|
| Number of subjects started   | 1607 |
| Number of subjects completed | 1607 |

### Period 1

|                              |   |
|------------------------------|---|
| Period 1 title               | Overall trial (overall period)                                |
| Is this the baseline period? | Yes   |
| Allocation method            | Randomised - controlled                                       |
| Blinding used                | Double blind  |
| Roles blinded                | Subject, Investigator, Monitor, Data analyst, Carer, Assessor |

### Arms

|                              |        |
|------------------------------|--------|
| Are arms mutually exclusive? | Yes    |
| <b>Arm title</b>             | 300 IR |

Arm description:

300 IR tablet of HDM Allergen Extracts

|  |  |
|--|--|
| Arm type                               | Experimental                           |
| Investigational medicinal product name | 300 IR tablet of HDM Allergen Extracts |
| Investigational medicinal product code |  |
| Other name                             |  |
| Pharmaceutical forms                   | Sublingual tablet                      |
| Routes of administration               | Sublingual use                         |

Dosage and administration details:

300 IR tablet of HDM Allergen Extracts

Initiation phase: patients took 1 tablet of 100 IR on Day 1 and 2 tablets of 100 IR on Day 2.

Maintenance phase: from the 3rd day until the end of treatment patients took 1 tablet of 300 IR per day.

|                  |         |
|------------------|---------|
| <b>Arm title</b> | Placebo |
|------------------|---------|

Arm description:

Placebo tablet

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

Dosage and administration details:

Placebo tablet

Initiation phase: patients took 1 tablet of placebo on Day 1 and 2 tablets of placebo on Day 2.  
 Maintenance phase: from the 3rd day until the end of treatment patients took 1 tablet of placebo per day.

| <b>Number of subjects in period 1</b> | 300 IR | Placebo |
|---------------------------------------|--------|---------|
| Started                               | 802    | 805     |
| Completed                             | 589    | 678     |
| Not completed                         | 213    | 127     |
| Consent withdrawn by subject          | 73     | 74      |
| Any other reason not above-mentioned  | 3      | 2       |
| Adverse event, non-fatal              | 100    | 18      |
| Pregnancy                             | 6      | 5       |
| Non-compliance with study drug        | 6      | 4       |
| Lost to follow-up                     | 19     | 14      |
| Withdrawal by parent/guardian         | 3      | 5       |
| Protocol deviation                    | 2      | 4       |
| Lack of efficacy                      | 1      | 1       |

## Baseline characteristics

### Reporting groups

|  |         |
|--|---------|
| Reporting group title  | 300 IR  |
| Reporting group description:<br>300 IR tablet of HDM Allergen Extracts |         |
| Reporting group title  | Placebo |
| Reporting group description:<br>Placebo tablet                         |         |

| Reporting group values                    | 300 IR  | Placebo | Total |
|---|---------|---------|-------|
| Number of subjects                        | 802     | 805     | 1607  |
| Age categorical                           |         |         |       |
| Units: Subjects                           |         |         |       |
| Adolescents (12-17 years)                 | 179     | 164     | 343   |
| Adults (18-64 years)                      | 621     | 641     | 1262  |
| From 65-84 years                          | 2       | 0       | 2     |
| Age continuous                            |         |         |       |
| Units: years                              |         |         |       |
| arithmetic mean                           | 29.3    | 29.5    | -     |
| standard deviation                        | ± 12.89 | ± 12.56 | -     |
| Gender categorical                        |         |         |       |
| Units: Subjects                           |         |         |       |
| Female                                    | 413     | 416     | 829   |
| Male                                      | 389     | 389     | 778   |
| Ethnicity                                 |         |         |       |
| Units: Subjects                           |         |         |       |
| Hispanic or Latino                        | 57      | 50      | 107   |
| Not Hispanic or Latino                    | 744     | 755     | 1499  |
| Unknown or not reported                   | 1       | 0       | 1     |
| Race                                      |         |         |       |
| Units: Subjects                           |         |         |       |
| Black or African American                 | 28      | 40      | 68    |
| American Indian or Alaska Native          | 0       | 1       | 1     |
| Asian                                     | 23      | 22      | 45    |
| Native Hawaiian or Other Pacific Islander | 2       | 0       | 2     |
| White                                     | 746     | 736     | 1482  |
| Multiple                                  | 2       | 3       | 5     |
| Unknown                                   | 1       | 3       | 4     |
| Region of Enrollment                      |         |         |       |
| Units: Subjects                           |         |         |       |
| North America                             | 256     | 259     | 515   |
| Rest of World                             | 546     | 546     | 1092  |

## End points

### End points reporting groups

|                              |  |
|------------------------------|--|
| Reporting group title        | 300 IR                                 |
| Reporting group description: | 300 IR tablet of HDM Allergen Extracts |
| Reporting group title        | Placebo                                |
| Reporting group description: | Placebo tablet                         |

### Primary: Total Combined Score (TCS)

|                        |  |
|------------------------|--|
| End point title        | Total Combined Score (TCS)   |
| End point description: | Average Total Combined Score (TCS), calculated for each patient as the average of the daily TCSs during the primary evaluation period in FAS. The daily TCS (scale 0-15) was the sum of the patient's daily Rhinitis Total Symptom Score (RTSS, scale 0-12) and daily Rescue Medication Score (RMS, scale 0-3). Lower is better. |
| End point type         | Primary  |
| End point timeframe:   | 12 months  |

| End point values                             | 300 IR              | Placebo             |  |  |
|--|---------------------|---------------------|--|--|
| Subject group type                           | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed                  | 586                 | 676                 |  |  |
| Units: Units on a scale                      |                     |                     |  |  |
| least squares mean (confidence interval 95%) | 3.62 (3.33 to 3.92) | 4.35 (4.06 to 4.66) |  |  |

### Statistical analyses

|   |   |
|---|---|
| Statistical analysis title              | LS Means Difference (300 IR vs Placebo) |
| Comparison groups                       | 300 IR v Placebo                        |
| Number of subjects included in analysis | 1262                                    |
| Analysis specification                  | Pre-specified                           |
| Analysis type                           | superiority                             |
| P-value                                 | < 0.0001                                |
| Method                                  | ANCOVA                                  |

### Secondary: Rhinitis Total Symptom Score (RTSS)

|                 |                                     |
|-----------------|-------------------------------------|
| End point title | Rhinitis Total Symptom Score (RTSS) |
|-----------------|-------------------------------------|

End point description:

Average Rhinitis Total Symptom Score (RTSS) during the primary evaluation period in FAS. The daily RTSS was the sum of the 4 rhinitis symptom scores: sneezing, rhinorrhoea, nasal pruritus and nasal congestion, each graded on a 4-point scale (0: absent, 1: mild, 2: moderate, 3: severe). It ranges from 0 to 12. Lower is better.

End point type Secondary

End point timeframe:

12 months

| <b>End point values</b>                      | 300 IR              | Placebo             |  |  |
|--|---------------------|---------------------|--|--|
| Subject group type                           | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed                  | 586                 | 676                 |  |  |
| Units: Units on a scale                      |                     |                     |  |  |
| least squares mean (confidence interval 95%) | 3.16 (2.89 to 3.43) | 3.79 (3.53 to 4.07) |  |  |

### Statistical analyses

|   |   |  |  |  |
|---|---|--|--|--|
| <b>Statistical analysis title</b>       | LS Means Difference (300 IR vs Placebo) |  |  |  |
| Comparison groups                       | 300 IR v Placebo                        |  |  |  |
| Number of subjects included in analysis | 1262                                    |  |  |  |
| Analysis specification                  | Pre-specified                           |  |  |  |
| Analysis type                           | superiority                             |  |  |  |
| P-value                                 | < 0.0001                                |  |  |  |
| Method                                  | ANCOVA                                  |  |  |  |

### Secondary: Rescue Medication Score (RMS)

End point title Rescue Medication Score (RMS)

End point description:

Average Rescue Medication Score (RMS) during the primary evaluation period in FAS. It ranges from 0 to 3. Lower is better.

End point type Secondary

End point timeframe:

12 months

| <b>End point values</b>                      | 300 IR              | Placebo             |  |  |
|--|---------------------|---------------------|--|--|
| Subject group type                           | Reporting group     | Reporting group     |  |  |
| Number of subjects analysed                  | 586                 | 676                 |  |  |
| Units: Units on a scale                      |                     |                     |  |  |
| least squares mean (confidence interval 95%) | 0.21 (0.17 to 0.25) | 0.30 (0.26 to 0.35) |  |  |

### Statistical analyses

|   |   |
|---|---|
| <b>Statistical analysis title</b>       | LS Means Difference (300 IR vs Placebo) |
| Comparison groups                       | 300 IR v Placebo                        |
| Number of subjects included in analysis | 1262                                    |
| Analysis specification                  | Pre-specified                           |
| Analysis type                           | superiority                             |
| P-value                                 | = 0.0004                                |
| Method                                  | ANCOVA                                  |

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

12 months

Adverse event reporting additional description:

Safety variables were adverse events (AEs) monitored throughout the study and data from physical examinations and clinical laboratory assessments.

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

### Dictionary used

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

|                    |      |
|--------------------|------|
| Dictionary version | 18.1 |
|--------------------|------|

### Reporting groups

|                       |        |
|-----------------------|--------|
| Reporting group title | 300 IR |
|-----------------------|--------|

Reporting group description: -

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

Reporting group description: -

| <b>Serious adverse events</b>                                       | 300 IR           | Placebo         |  |
|---|------------------|-----------------|--|
| Total subjects affected by serious adverse events                   |                  |                 |  |
| subjects affected / exposed   | 21 / 800 (2.63%) | 9 / 801 (1.12%) |  |
| number of deaths (all causes)                                       | 0                | 0               |  |
| number of deaths resulting from adverse events                      |                  |                 |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                  |                 |  |
| Breast cancer   |                  |                 |  |
| subjects affected / exposed   | 1 / 800 (0.13%)  | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all                     | 0 / 1            | 0 / 0           |  |
| deaths causally related to treatment / all                          | 0 / 0            | 0 / 0           |  |
| Hodgkin's disease   |                  |                 |  |
| subjects affected / exposed   | 0 / 800 (0.00%)  | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all                     | 0 / 0            | 0 / 1           |  |
| deaths causally related to treatment / all                          | 0 / 0            | 0 / 0           |  |
| Invasive ductal breast carcinoma                                    |                  |                 |  |
| subjects affected / exposed   | 1 / 800 (0.13%)  | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all                     | 0 / 1            | 0 / 0           |  |
| deaths causally related to treatment / all                          | 0 / 0            | 0 / 0           |  |
| Thyroid neoplasm  |                  |                 |  |

|  |                 |                 |  |
|--|-----------------|-----------------|--|
| subjects affected / exposed                          | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Uterine leiomyoma                                    |                 |                 |  |
| subjects affected / exposed                          | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all      | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Pregnancy, puerperium and perinatal conditions       |                 |                 |  |
| Abortion spontaneous                                 |                 |                 |  |
| subjects affected / exposed                          | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| General disorders and administration site conditions |                 |                 |  |
| Chest pain   |                 |                 |  |
| subjects affected / exposed                          | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Chronic fatigue syndrome                             |                 |                 |  |
| subjects affected / exposed                          | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all      | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Reproductive system and breast disorders             |                 |                 |  |
| Ovarian cyst ruptured                                |                 |                 |  |
| subjects affected / exposed                          | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Respiratory, thoracic and mediastinal disorders      |                 |                 |  |
| Pharyngeal disorder                                  |                 |                 |  |
| subjects affected / exposed                          | 2 / 800 (0.25%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all      | 2 / 2           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Psychiatric disorders                                |                 |                 |  |
| Anxiety  |                 |                 |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                           | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Injury, poisoning and procedural complications</b> |                 |                 |  |
| <b>Ankle fracture</b>                                 |                 |                 |  |
| subjects affected / exposed                           | 1 / 800 (0.13%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 1           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Joint dislocation</b>                              |                 |                 |  |
| subjects affected / exposed                           | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Pelvic fracture</b>                                |                 |                 |  |
| subjects affected / exposed                           | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all       | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Spinal fracture</b>                                |                 |                 |  |
| subjects affected / exposed                           | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all       | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Cardiac disorders</b>                              |                 |                 |  |
| <b>Atrial fibrillation</b>                            |                 |                 |  |
| subjects affected / exposed                           | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all       | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Nervous system disorders</b>                       |                 |                 |  |
| <b>Intracranial aneurysm</b>                          |                 |                 |  |
| subjects affected / exposed                           | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all       | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all            | 0 / 0           | 0 / 0           |  |
| <b>Blood and lymphatic system disorders</b>           |                 |                 |  |
| <b>Neutropenia</b>                                    |                 |                 |  |

|  |                 |                 |  |
|--|-----------------|-----------------|--|
| subjects affected / exposed                            | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Ear and labyrinth disorders</b>                     |                 |                 |  |
| Meniere's disease                                      |                 |                 |  |
| subjects affected / exposed                            | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Gastrointestinal disorders</b>                      |                 |                 |  |
| Diarrhoea  |                 |                 |  |
| subjects affected / exposed                            | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Skin and subcutaneous tissue disorders</b>          |                 |                 |  |
| Dermatitis atopic                                      |                 |                 |  |
| subjects affected / exposed                            | 2 / 800 (0.25%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 2           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Renal and urinary disorders</b>                     |                 |                 |  |
| Nephrolithiasis  |                 |                 |  |
| subjects affected / exposed                            | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all        | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| Renal colic  |                 |                 |  |
| subjects affected / exposed                            | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| <b>Musculoskeletal and connective tissue disorders</b> |                 |                 |  |
| Chondromalacia   |                 |                 |  |
| subjects affected / exposed                            | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all        | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all             | 0 / 0           | 0 / 0           |  |
| Plica syndrome   |                 |                 |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                     | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Infections and infestations</b>              |                 |                 |  |
| Appendicitis                                    |                 |                 |  |
| subjects affected / exposed                     | 3 / 800 (0.38%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 3           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Cellulitis                                      |                 |                 |  |
| subjects affected / exposed                     | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Pneumonia                                       |                 |                 |  |
| subjects affected / exposed                     | 0 / 800 (0.00%) | 1 / 801 (0.12%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Tick-borne viral encephalitis                   |                 |                 |  |
| subjects affected / exposed                     | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Tonsillitis                                     |                 |                 |  |
| subjects affected / exposed                     | 1 / 800 (0.13%) | 0 / 801 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |

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

| <b>Non-serious adverse events</b>                     | 300 IR             | Placebo            |  |
|---|--------------------|--------------------|--|
| Total subjects affected by non-serious adverse events |                    |                    |  |
| subjects affected / exposed                           | 424 / 800 (53.00%) | 223 / 801 (27.84%) |  |
| <b>Nervous system disorders</b>                       |                    |                    |  |
| Headache  |                    |                    |  |
| subjects affected / exposed                           | 57 / 800 (7.13%)   | 68 / 801 (8.49%)   |  |
| occurrences (all)                                     | 158                | 214                |  |
| <b>Ear and labyrinth disorders</b>                    |                    |                    |  |

|  |                           |                        |  |
|--|---------------------------|------------------------|--|
| Ear pruritus<br>subjects affected / exposed<br>occurrences (all)         | 115 / 800 (14.38%)<br>206 | 13 / 801 (1.62%)<br>17 |  |
| Gastrointestinal disorders   |                           |                        |  |
| Abdominal pain upper<br>subjects affected / exposed<br>occurrences (all) | 43 / 800 (5.38%)<br>64    | 12 / 801 (1.50%)<br>16 |  |
| Dysphagia<br>subjects affected / exposed<br>occurrences (all)            | 53 / 800 (6.63%)<br>71    | 2 / 801 (0.25%)<br>2   |  |
| Lip oedema<br>subjects affected / exposed<br>occurrences (all)           | 61 / 800 (7.63%)<br>100   | 8 / 801 (1.00%)<br>10  |  |
| Nausea<br>subjects affected / exposed<br>occurrences (all)               | 47 / 800 (5.88%)<br>65    | 8 / 801 (1.00%)<br>8   |  |
| Oedema mouth<br>subjects affected / exposed<br>occurrences (all)         | 112 / 800 (14.00%)<br>186 | 3 / 801 (0.37%)<br>3   |  |
| Oral pruritus<br>subjects affected / exposed<br>occurrences (all)        | 189 / 800 (23.63%)<br>329 | 29 / 801 (3.62%)<br>35 |  |
| Tongue oedema<br>subjects affected / exposed<br>occurrences (all)        | 68 / 800 (8.50%)<br>100   | 3 / 801 (0.37%)<br>3   |  |
| Respiratory, thoracic and mediastinal disorders                          |                           |                        |  |
| Oropharyngeal pain<br>subjects affected / exposed<br>occurrences (all)   | 45 / 800 (5.63%)<br>67    | 31 / 801 (3.87%)<br>52 |  |
| Pharyngeal oedema<br>subjects affected / exposed<br>occurrences (all)    | 46 / 800 (5.75%)<br>62    | 1 / 801 (0.12%)<br>1   |  |
| Throat irritation<br>subjects affected / exposed<br>occurrences (all)    | 136 / 800 (17.00%)<br>233 | 27 / 801 (3.37%)<br>37 |  |
| Infections and infestations  |                           |                        |  |

|   |                           |                           |  |
|---|---------------------------|---------------------------|--|
| Nasopharyngitis<br>subjects affected / exposed<br>occurrences (all) | 107 / 800 (13.38%)<br>169 | 117 / 801 (14.61%)<br>173 |  |
|---|---------------------------|---------------------------|--|

## **More information**

### **Substantial protocol amendments (globally)**

Were there any global substantial amendments to the protocol? No

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### **Interruptions (globally)**

Were there any global interruptions to the trial? No

### **Limitations and caveats**

None reported