



Clinical trial results:

A Phase 2, Randomized, Double-blind Study to Evaluate the Efficacy and Safety of VX-561 in Subjects Aged 18 Years and Older With Cystic Fibrosis

Summary

| | |
|--------------------------|----------------|
| EudraCT number | 2018-003970-28 |
| Trial protocol | GB BE NL DE |
| Global end of trial date | 20 August 2020 |

Results information

| | |
|--------------------------------|--|
| Result version number | v2 (current) |
| This version publication date | 19 February 2022 |
| First version publication date | 25 November 2021 |
| Version creation reason | <ul style="list-style-type: none">• New data added to full data set Updates based on NIH comment addressal |

Trial information

Trial identification

| | |
|-----------------------|--------------|
| Sponsor protocol code | VX18-561-101 |
|-----------------------|--------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT03911713 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | Vertex Pharmaceuticals Incorporated |
| Sponsor organisation address | 50 Northern Avenue, Boston, Massachusetts, United States, |
| Public contact | Medical Monitor, Vertex Pharmaceuticals Incorporated, +1 617 341 6777, medicalinfo@vrtx.com |
| Scientific contact | Medical Monitor, Vertex Pharmaceuticals Incorporated, +1 617 341 6777, medicalinfo@vrtx.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 | 03 September 2020 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 20 August 2020 |
| Global end of trial reached? | Yes |
| Global end of trial date | 20 August 2020 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

To evaluate the efficacy of VX-561 in cystic fibrosis (CF) subjects.

Protection of trial subjects:

The study was conducted in accordance with the ethical principles stated in the Declaration of Helsinki and the International Council on Harmonization (ICH) Guideline for Good Clinical Practice (GCP).

Background therapy: -

Evidence for comparator: -

| | |
|---|---------------|
| Actual start date of recruitment | 17 April 2019 |
| 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 | United States: 54 |
| Country: Number of subjects enrolled | Belgium: 2 |
| Country: Number of subjects enrolled | Australia: 5 |
| Country: Number of subjects enrolled | Germany: 7 |
| Country: Number of subjects enrolled | Ireland: 6 |
| Country: Number of subjects enrolled | United Kingdom: 3 |
| Worldwide total number of subjects | 77 |
| EEA total number of subjects | 15 |

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) | 76 |

| | |
|---------------------|---|
| From 65 to 84 years | 1 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

This study was conducted in CF subjects aged 18 years or older who have a gating mutation and were previously taking stable dose of ivacaftor (IVA).

Period 1

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

Arms

| | |
|------------------------------|-----------|
| Are arms mutually exclusive? | Yes |
| Arm title | Ivacaftor |

Arm description:

Subjects received IVA 150 milligrams (mg) in the treatment period for 12 weeks.

| | |
|--|-------------------|
| Arm type | Active comparator |
| Investigational medicinal product name | IVA |
| Investigational medicinal product code | VX-770 |
| Other name | Ivacaftor |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Subjects received IVA 150 mg every 12 hours (q12h).

| | |
|------------------|---------------|
| Arm title | VX-561: 25 mg |
|------------------|---------------|

Arm description:

Subjects received VX-561 25 mg in the treatment period for 12 weeks.

| | |
|--|-----------------------|
| Arm type | Experimental |
| Investigational medicinal product name | VX-561 |
| Investigational medicinal product code | CTP-656 |
| Other name | Deutivacaftor (D-IVA) |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Subjects received VX-561 25 mg once daily (qd).

| | |
|------------------|---------------|
| Arm title | VX-561: 50 mg |
|------------------|---------------|

Arm description:

Subjects received VX-561 50 mg in the treatment period for 12 weeks.

| | |
|--|--------------|
| Arm type | Experimental |
| Investigational medicinal product name | VX-561 |
| Investigational medicinal product code | CTP-656 |
| Other name | D-IVA |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:
Subjects received VX-561 50 mg qd.

| | |
|---|----------------|
| Arm title | VX-561: 150 mg |
| Arm description: Subjects received VX-561 150 mg in the treatment period for 12 weeks. | |
| Arm type | Experimental |
| Investigational medicinal product name | VX-561 |
| Investigational medicinal product code | CTP-656 |
| Other name | D-IVA |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:
Subjects received VX-561 150 mg qd.

| | |
|---|----------------|
| Arm title | VX-561: 250 mg |
| Arm description: Subjects received VX-561 250 mg in the treatment period for 12 weeks. | |
| Arm type | Experimental |
| Investigational medicinal product name | VX-561 |
| Investigational medicinal product code | CTP-656 |
| Other name | D-IVA |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:
Subjects received VX-561 250 mg qd.

| Number of subjects in period 1^[1] | Ivacaftor | VX-561: 25 mg | VX-561: 50 mg |
|---|-----------|---------------|---------------|
| Started | 11 | 6 | 11 |
| Completed | 11 | 4 | 11 |
| Not completed | 0 | 2 | 0 |
| Other | - | - | - |
| Lost to follow-up | - | 2 | - |

| Number of subjects in period 1^[1] | VX-561: 150 mg | VX-561: 250 mg |
|---|----------------|----------------|
| Started | 23 | 24 |
| Completed | 22 | 24 |
| Not completed | 1 | 0 |
| Other | 1 | - |
| Lost to follow-up | - | - |

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: A total of 77 subjects were enrolled in the study, out of those 77 subjects, 2 subjects were randomized but not dosed in the treatment period. Therefore, only 75 subjects were included in the subject disposition and baseline sections.

Baseline characteristics

Reporting groups

| | |
|---|----------------|
| Reporting group title | Ivacaftor |
| Reporting group description: Subjects received IVA 150 milligrams (mg) in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 25 mg |
| Reporting group description: Subjects received VX-561 25 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 50 mg |
| Reporting group description: Subjects received VX-561 50 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 150 mg |
| Reporting group description: Subjects received VX-561 150 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 250 mg |
| Reporting group description: Subjects received VX-561 250 mg in the treatment period for 12 weeks. | |

| Reporting group values | Ivacaftor | VX-561: 25 mg | VX-561: 50 mg |
|------------------------------------|-----------|---------------|---------------|
| Number of subjects | 11 | 6 | 11 |
| Age categorical Units: Subjects | | | |

| | | | |
|---|----------------|----------------|---------------|
| Age continuous Units: years arithmetic mean standard deviation | 33.3 ± 11.7 | 33.0 ± 10.6 | 27.8 ± 9.0 |
| Gender categorical Units: Subjects | | | |
| Female | 4 | 2 | 3 |
| Male | 7 | 4 | 8 |
| Ethnicity (NIH/OMB) Units: Subjects | | | |
| Hispanic or Latino | 0 | 0 | 1 |
| Not Hispanic or Latino | 11 | 6 | 10 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Race (NIH/OMB) Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | 0 |
| Asian | 1 | 0 | 0 |
| Native Hawaiian or Other Pacific Islander | 0 | 0 | 0 |
| Black or African American | 0 | 0 | 0 |
| White | 10 | 6 | 11 |
| More than one race | 0 | 0 | 0 |
| Unknown or Not Reported | 0 | 0 | 0 |

| | | | |
|---|--------|--------|--------|
| Percent Predicted Forced Expiratory Volume in 1 Second (ppFEV1) | | | |
| FEV1 is the volume of air that can forcibly be blown out in one second, after full inspiration. | | | |
| Units: percentage points | | | |
| arithmetic mean | 74.0 | 63.6 | 66.8 |
| standard deviation | ± 21.2 | ± 22.4 | ± 17.4 |

| | | | |
|-------------------------------|----------------|----------------|-------|
| Reporting group values | VX-561: 150 mg | VX-561: 250 mg | Total |
| Number of subjects | 23 | 24 | 75 |
| Age categorical | | | |
| Units: Subjects | | | |

| | | | |
|---|--------|--------|----|
| Age continuous | | | |
| Units: years | | | |
| arithmetic mean | 32.5 | 37.4 | - |
| standard deviation | ± 8.5 | ± 11.4 | - |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 8 | 9 | 26 |
| Male | 15 | 15 | 49 |
| Ethnicity (NIH/OMB) | | | |
| Units: Subjects | | | |
| Hispanic or Latino | 1 | 0 | 2 |
| Not Hispanic or Latino | 22 | 24 | 73 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Race (NIH/OMB) | | | |
| Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | 0 |
| Asian | 0 | 0 | 1 |
| Native Hawaiian or Other Pacific Islander | 0 | 0 | 0 |
| Black or African American | 0 | 0 | 0 |
| White | 23 | 24 | 74 |
| More than one race | 0 | 0 | 0 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Percent Predicted Forced Expiratory Volume in 1 Second (ppFEV1) | | | |
| FEV1 is the volume of air that can forcibly be blown out in one second, after full inspiration. | | | |
| Units: percentage points | | | |
| arithmetic mean | 72.6 | 73.9 | - |
| standard deviation | ± 17.3 | ± 17.0 | - |

End points

End points reporting groups

| | |
|---|----------------|
| Reporting group title | Ivacaftor |
| Reporting group description: | |
| Subjects received IVA 150 milligrams (mg) in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 25 mg |
| Reporting group description: | |
| Subjects received VX-561 25 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 50 mg |
| Reporting group description: | |
| Subjects received VX-561 50 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 150 mg |
| Reporting group description: | |
| Subjects received VX-561 150 mg in the treatment period for 12 weeks. | |
| Reporting group title | VX-561: 250 mg |
| Reporting group description: | |
| Subjects received VX-561 250 mg in the treatment period for 12 weeks. | |

Primary: Absolute Change in Percent Predicted Forced Expiratory Volume in 1 Second (ppFEV1)

| | |
|--|--|
| End point title | Absolute Change in Percent Predicted Forced Expiratory Volume in 1 Second (ppFEV1) ^{[1][2]} |
| End point description: | |
| FEV1 is the volume of air that can forcibly be blown out in one second, after full inspiration. Full analysis set (FAS) included all randomized subjects who have intended CF transmembrane conductance regulator gene (CFTR) genotype and received at least 1 dose of study drug in treatment period. VX-561:25 mg and VX-561:50 mg arms were discontinued at sponsor's discretion and it was specified in statistical plan that data will be reported for only IVA, VX-561:150 mg and VX-561:250 mg arms for this end point. | |
| End point type | Primary |
| End point timeframe: | |
| From Baseline at Week 12 | |

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: The results for the primary endpoint are the within group change from baseline at Week 12, for each treatment group. No between group comparison are reported.

[2] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: VX-561:25 mg and VX-561:50 mg arms were discontinued at sponsor's discretion and were not included in mixed-effects model for repeated measures (MMRM) analysis as pre-specified in analysis plan. Therefore data are reported for IVA, VX-561:150 mg and VX-561:250 mg arms for this outcome measure.

| End point values | Ivacaftor | VX-561: 150 mg | VX-561: 250 mg | |
|--|--------------------|-------------------|-------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 11 | 23 | 24 | |
| Units: percentage points | | | | |
| least squares mean (confidence interval 95%) | -0.8 (-6.2 to 4.7) | 3.1 (-0.8 to 7.0) | 2.7 (-1.0 to 6.5) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Absolute Change in Sweat Chloride (SwCl)

End point title Absolute Change in Sweat Chloride (SwCl)^[3]

End point description:

Sweat samples were collected using an approved collection device. FAS. VX-561:25 mg and VX-561:50 mg arms were discontinued at sponsor's discretion and it was specified in statistical plan that data will be reported for only IVA, VX-561:150 mg and VX-561:250 mg arms for this end point.

End point type Secondary

End point timeframe:

From Baseline at Week 12

Notes:

[3] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: VX-561:25 mg and VX-561:50 mg arms were discontinued at sponsor's discretion and were not included in MMRM analysis as pre-specified in analysis plan. Therefore data are reported for IVA, VX-561:150 mg and VX-561:250 mg arms for this outcome measure.

| End point values | Ivacaftor | VX-561: 150 mg | VX-561: 250 mg | |
|--|--------------------|--------------------|---------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 11 | 23 | 24 | |
| Units: millimole per Liter (mmol/L) | | | | |
| least squares mean (confidence interval 95%) | 0.9 (-9.5 to 11.3) | 3.3 (-4.6 to 11.2) | -6.5 (-14.2 to 1.2) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Observed Pre-Dose Concentration (C_{trough}) of VX-561 and Its Metabolites (M1-VX-561 and M6-VX-561) and IVA and Its Metabolites (M1-IVA and M6-IVA)

End point title Observed Pre-Dose Concentration (C_{trough}) of VX-561 and Its Metabolites (M1-VX-561 and M6-VX-561) and IVA and Its Metabolites (M1-IVA and M6-IVA)

End point description:

Pharmacokinetic (PK) set included all subjects who received at least 1 dose of study drug and for whom the primary PK data were considered to be sufficient and interpretable. Here "Subjects Analysed" signifies those participants who were evaluable for this end point and "n" signifies those subjects those who were evaluable for the specific category. Here, "99999" (penta nine) indicates that summary statistics were not reported as the number of observations below the limit of quantification was greater than 50% of the total number of observations at the specified time points and "999999"(hexa nine) indicates "not applicable" category for respective C_{trough} assessment.

End point type Secondary

End point timeframe:

At Week 4

| End point values | Ivacaftor | VX-561: 25 mg | VX-561: 50 mg | VX-561: 150 mg |
|---|-------------------|-------------------|-------------------|-------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 9 | 4 | 7 | 20 |
| Units: nanogram per milliliter (ng/mL) | | | | |
| arithmetic mean (standard deviation) | | | | |
| VX-561: Week 4 (n = 0, 4, 7, 20, 20) | 999999 (± 999999) | 26.1 (± 24.7) | 123 (± 61.6) | 458 (± 273) |
| M1-VX-561: Week 4 (n = 0, 4, 7, 20, 20) | 999999 (± 999999) | 18.1 (± 17.7) | 108 (± 58.6) | 378 (± 213) |
| M6-VX-561: Week 4 (n= 0, 3, 7, 20, 20) | 999999 (± 999999) | 99999 (± 99999) | 59.8 (± 34.0) | 211 (± 189) |
| IVA: Week 4 (n= 9, 0, 0, 0, 0) | 952 (± 766) | 999999 (± 999999) | 999999 (± 999999) | 999999 (± 999999) |
| M1-IVA: Week 4 (n = 9, 0, 0, 0, 0) | 1330 (± 774) | 999999 (± 999999) | 999999 (± 999999) | 999999 (± 999999) |
| M6-IVA: Week 4 (n = 9, 0, 0, 0, 0) | 662 (± 398) | 999999 (± 999999) | 999999 (± 999999) | 999999 (± 999999) |

| End point values | VX-561: 250 mg | | | |
|---|-------------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 20 | | | |
| Units: nanogram per milliliter (ng/mL) | | | | |
| arithmetic mean (standard deviation) | | | | |
| VX-561: Week 4 (n = 0, 4, 7, 20, 20) | 1100 (± 856) | | | |
| M1-VX-561: Week 4 (n = 0, 4, 7, 20, 20) | 739 (± 407) | | | |
| M6-VX-561: Week 4 (n= 0, 3, 7, 20, 20) | 370 (± 233) | | | |
| IVA: Week 4 (n= 9, 0, 0, 0, 0) | 999999 (± 999999) | | | |
| M1-IVA: Week 4 (n = 9, 0, 0, 0, 0) | 999999 (± 999999) | | | |
| M6-IVA: Week 4 (n = 9, 0, 0, 0, 0) | 999999 (± 999999) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Safety and Tolerability as Assessed by Number of Subjects With Treatment-Emergent Adverse Events (AEs) and Serious Adverse Events (SAEs)

| | |
|-----------------|--|
| End point title | Safety and Tolerability as Assessed by Number of Subjects With Treatment-Emergent Adverse Events (AEs) and Serious Adverse Events (SAEs) |
|-----------------|--|

End point description:

Safety Set included all subjects who received at least 1 dose of study drug.

End point type Secondary

End point timeframe:

Baseline up to Week 16

| End point values | Ivacaftor | VX-561: 25 mg | VX-561: 50 mg | VX-561: 150 mg |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 11 | 6 | 11 | 23 |
| Units: subjects | | | | |
| number (not applicable) | | | | |
| Subjects with AEs | 8 | 4 | 8 | 21 |
| Subjects with SAEs | 1 | 2 | 2 | 2 |

| End point values | VX-561: 250 mg | | | |
|-----------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 24 | | | |
| Units: subjects | | | | |
| number (not applicable) | | | | |
| Subjects with AEs | 23 | | | |
| Subjects with SAEs | 1 | | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Baseline up to Week 16

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 23.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|----------------|
| Reporting group title | VX-561: 250 mg |
|-----------------------|----------------|

Reporting group description:

Subjects received VX-561 250 mg in the treatment period for 12 weeks.

| | |
|-----------------------|---------------|
| Reporting group title | VX-561: 25 mg |
|-----------------------|---------------|

Reporting group description:

Subjects received VX-561 25 mg in the treatment period for 12 weeks.

| | |
|-----------------------|----------------|
| Reporting group title | VX-561: 150 mg |
|-----------------------|----------------|

Reporting group description:

Subjects received VX-561 150 mg in the treatment period for 12 weeks.

| | |
|-----------------------|-----------|
| Reporting group title | Ivacaftor |
|-----------------------|-----------|

Reporting group description:

Subjects received IVA 150 mg in the treatment period for 12 weeks.

| | |
|-----------------------|---------------|
| Reporting group title | VX-561: 50 mg |
|-----------------------|---------------|

Reporting group description:

Subjects received VX-561 50 mg in the treatment period for 12 weeks.

| Serious adverse events | VX-561: 250 mg | VX-561: 25 mg | VX-561: 150 mg |
|---|----------------|----------------|----------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 1 / 24 (4.17%) | 2 / 6 (33.33%) | 2 / 23 (8.70%) |
| number of deaths (all causes) | 0 | 0 | 0 |
| number of deaths resulting from adverse events | | | |
| Investigations | | | |
| Forced expiratory volume decreased | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (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 |
| Gastrointestinal disorders | | | |
| Distal intestinal obstruction syndrome | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 2 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|----------------|----------------|
| Infections and infestations | | | |
| Infective pulmonary exacerbation of cystic fibrosis | | | |
| subjects affected / exposed | 1 / 24 (4.17%) | 1 / 6 (16.67%) | 2 / 23 (8.70%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | 1 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|-----------------|--|
| Serious adverse events | Ivacaftor | VX-561: 50 mg | |
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 2 / 11 (18.18%) | |
| number of deaths (all causes) | 0 | 0 | |
| number of deaths resulting from adverse events | | | |
| Investigations | | | |
| Forced expiratory volume decreased | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gastrointestinal disorders | | | |
| Distal intestinal obstruction syndrome | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infections and infestations | | | |
| Infective pulmonary exacerbation of cystic fibrosis | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 2 / 11 (18.18%) | |
| occurrences causally related to treatment / all | 0 / 1 | 1 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

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

| | | | |
|---|------------------|----------------|------------------|
| Non-serious adverse events | VX-561: 250 mg | VX-561: 25 mg | VX-561: 150 mg |
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 20 / 24 (83.33%) | 4 / 6 (66.67%) | 17 / 23 (73.91%) |
| General disorders and administration site conditions | | | |
| Chest discomfort | | | |

| | | | |
|--|---------------------|---------------------|----------------------|
| subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Fatigue subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Malaise subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Pyrexia subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Cough subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 2 | 6 / 23 (26.09%) 9 |
| Dyspnoea subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 2 / 6 (33.33%) 2 | 2 / 23 (8.70%) 2 |
| Haemoptysis subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 0 / 6 (0.00%) 0 | 3 / 23 (13.04%) 3 |
| Increased viscosity of bronchial secretion subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Lower respiratory tract congestion subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 0 / 6 (0.00%) 0 | 2 / 23 (8.70%) 2 |
| Oropharyngeal pain subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 4 / 23 (17.39%) 4 |
| Nasal congestion subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 1 | 2 / 23 (8.70%) 2 |
| Paranasal sinus discomfort | | | |

| | | | |
|---|----------------------|---------------------|----------------------|
| subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 1 / 23 (4.35%) 1 |
| Pulmonary pain subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Rales subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 1 | 1 / 23 (4.35%) 1 |
| Sputum increased subjects affected / exposed occurrences (all) | 3 / 24 (12.50%) 3 | 0 / 6 (0.00%) 0 | 4 / 23 (17.39%) 6 |
| Respiration abnormal subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 4 / 23 (17.39%) 4 |
| Investigations | | | |
| Aspartate aminotransferase increased subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 1 | 1 / 23 (4.35%) 1 |
| Atypical mycobacterium test positive subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Alanine aminotransferase increased subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Blood creatine phosphokinase increased subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Bacterial test positive subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Blood glucose increased subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Coronavirus test positive | | | |

| | | | |
|--|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Forced expiratory volume decreased | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Protein urine present | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Pulmonary function test decreased | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Urine ketone body present | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Weight decreased | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Injury, poisoning and procedural complications | | | |
| Contusion | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Cardiac disorders | | | |
| Palpitations | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Nervous system disorders | | | |
| Dizziness | | | |
| subjects affected / exposed | 1 / 24 (4.17%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 1 | 0 | 0 |
| Sinus headache | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Headache | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 1 / 23 (4.35%) |
| occurrences (all) | 0 | 0 | 1 |
| Migraine | | | |

| | | | |
|---|--|---|--|
| subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 0 / 6 (0.00%) 0 | 2 / 23 (8.70%) 2 |
| Blood and lymphatic system disorders Leukocytosis subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Ear and labyrinth disorders Ear pain subjects affected / exposed occurrences (all) Tinnitus subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 0 / 23 (0.00%) 0 |
| Eye disorders Glaucoma subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Gastrointestinal disorders Abdominal distension subjects affected / exposed occurrences (all) Abdominal pain subjects affected / exposed occurrences (all) Abdominal pain lower subjects affected / exposed occurrences (all) Abdominal pain upper subjects affected / exposed occurrences (all) Constipation subjects affected / exposed occurrences (all) Duodenitis subjects affected / exposed occurrences (all) Gastroesophageal reflux disease | 1 / 24 (4.17%) 1 0 / 24 (0.00%) 0 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 1 / 6 (16.67%) 2 0 / 6 (0.00%) 0 0 / 6 (0.00%) 0 1 / 6 (16.67%) 2 1 / 6 (16.67%) 1 | 2 / 23 (8.70%) 2 0 / 23 (0.00%) 0 0 / 23 (0.00%) 0 2 / 23 (8.70%) 2 0 / 23 (0.00%) 0 0 / 23 (0.00%) 0 |

| | | | |
|--|---------------------|---------------------|---------------------|
| subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 2 / 23 (8.70%) 2 |
| Vomiting subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 2 | 0 / 23 (0.00%) 0 |
| Nausea subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Skin and subcutaneous tissue disorders | | | |
| Hyperhidrosis subjects affected / exposed occurrences (all) | 2 / 24 (8.33%) 2 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Dermatitis contact subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Rash subjects affected / exposed occurrences (all) | 2 / 24 (8.33%) 2 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Musculoskeletal and connective tissue disorders | | | |
| Arthralgia subjects affected / exposed occurrences (all) | 1 / 24 (4.17%) 1 | 1 / 6 (16.67%) 1 | 0 / 23 (0.00%) 0 |
| Back pain subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 2 / 23 (8.70%) 2 |
| Musculoskeletal chest pain subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Infections and infestations | | | |
| Bronchopulmonary aspergillosis allergic subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Epididymitis subjects affected / exposed occurrences (all) | 0 / 24 (0.00%) 0 | 0 / 6 (0.00%) 0 | 0 / 23 (0.00%) 0 |
| Fungal skin infection | | | |

| | | | |
|---|-----------------|----------------|----------------|
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Infective pulmonary exacerbation of cystic fibrosis | | | |
| subjects affected / exposed | 4 / 24 (16.67%) | 0 / 6 (0.00%) | 2 / 23 (8.70%) |
| occurrences (all) | 5 | 0 | 3 |
| Nasopharyngitis | | | |
| subjects affected / exposed | 3 / 24 (12.50%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 3 | 0 | 0 |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 2 / 24 (8.33%) | 0 / 6 (0.00%) | 1 / 23 (4.35%) |
| occurrences (all) | 2 | 0 | 1 |
| Oral candidiasis | | | |
| subjects affected / exposed | 1 / 24 (4.17%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Sinusitis | | | |
| subjects affected / exposed | 2 / 24 (8.33%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Metabolism and nutrition disorders | | | |
| Hyperglycaemia | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 0 / 6 (0.00%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 0 | 0 |
| Hyperkalaemia | | | |
| subjects affected / exposed | 0 / 24 (0.00%) | 1 / 6 (16.67%) | 0 / 23 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

| Non-serious adverse events | Ivacaftor | VX-561: 50 mg | |
|---|-----------------|-----------------|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 8 / 11 (72.73%) | 8 / 11 (72.73%) | |
| General disorders and administration site conditions | | | |
| Chest discomfort | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 2 | 0 | |
| Fatigue | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Malaise | | | |

| | | | |
|---|-----------------|----------------|--|
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Pyrexia | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Cough | | | |
| subjects affected / exposed | 2 / 11 (18.18%) | 1 / 11 (9.09%) | |
| occurrences (all) | 2 | 1 | |
| Dyspnoea | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Haemoptysis | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Increased viscosity of bronchial secretion | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Lower respiratory tract congestion | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Oropharyngeal pain | | | |
| subjects affected / exposed | 2 / 11 (18.18%) | 0 / 11 (0.00%) | |
| occurrences (all) | 2 | 0 | |
| Nasal congestion | | | |
| subjects affected / exposed | 2 / 11 (18.18%) | 1 / 11 (9.09%) | |
| occurrences (all) | 2 | 1 | |
| Paranasal sinus discomfort | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Pulmonary pain | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Rales | | | |

| | | | |
|---|----------------------|----------------------|--|
| subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 1 | |
| Sputum increased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 1 | |
| Respiration abnormal subjects affected / exposed occurrences (all) | 2 / 11 (18.18%) 2 | 1 / 11 (9.09%) 1 | |
| Investigations | | | |
| Aspartate aminotransferase increased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 2 / 11 (18.18%) 2 | |
| Atypical mycobacterium test positive subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 1 | |
| Alanine aminotransferase increased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 1 | |
| Blood creatine phosphokinase increased subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 2 / 11 (18.18%) 2 | |
| Bacterial test positive subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Blood glucose increased subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Coronavirus test positive subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Forced expiratory volume decreased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 2 | |
| Protein urine present | | | |

| | | | |
|---|---------------------|---------------------|--|
| subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Pulmonary function test decreased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 1 / 11 (9.09%) 1 | |
| Urine ketone body present subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Weight decreased subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 0 / 11 (0.00%) 0 | |
| Injury, poisoning and procedural complications Contusion subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 0 / 11 (0.00%) 0 | |
| Cardiac disorders Palpitations subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Nervous system disorders Dizziness subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Sinus headache subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Headache subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 0 / 11 (0.00%) 0 | |
| Migraine subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 0 / 11 (0.00%) 0 | |
| Blood and lymphatic system disorders Leukocytosis subjects affected / exposed occurrences (all) | 0 / 11 (0.00%) 0 | 0 / 11 (0.00%) 0 | |

| | | | |
|----------------------------------|----------------|----------------|--|
| Ear and labyrinth disorders | | | |
| Ear pain | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Tinnitus | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Eye disorders | | | |
| Glaucoma | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Gastrointestinal disorders | | | |
| Abdominal distension | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Abdominal pain | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Abdominal pain lower | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 1 / 11 (9.09%) | |
| occurrences (all) | 1 | 1 | |
| Abdominal pain upper | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Constipation | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Duodenitis | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Gastrooesophageal reflux disease | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Vomiting | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Nausea | | | |

| | | | |
|--|---------------------|---------------------|--|
| subjects affected / exposed occurrences (all) | 1 / 11 (9.09%) 1 | 1 / 11 (9.09%) 1 | |
| Skin and subcutaneous tissue disorders | | | |
| Hyperhidrosis | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Dermatitis contact | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Rash | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Musculoskeletal and connective tissue disorders | | | |
| Arthralgia | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Back pain | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Musculoskeletal chest pain | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Infections and infestations | | | |
| Bronchopulmonary aspergillosis allergic | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Epididymitis | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 1 / 11 (9.09%) | |
| occurrences (all) | 0 | 1 | |
| Fungal skin infection | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |
| Infective pulmonary exacerbation of cystic fibrosis | | | |
| subjects affected / exposed | 2 / 11 (18.18%) | 2 / 11 (18.18%) | |
| occurrences (all) | 2 | 2 | |

| | | | |
|------------------------------------|-----------------|----------------|--|
| Nasopharyngitis | | | |
| subjects affected / exposed | 2 / 11 (18.18%) | 0 / 11 (0.00%) | |
| occurrences (all) | 4 | 0 | |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Oral candidiasis | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Sinusitis | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Metabolism and nutrition disorders | | | |
| Hyperglycaemia | | | |
| subjects affected / exposed | 1 / 11 (9.09%) | 0 / 11 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Hyperkalaemia | | | |
| subjects affected / exposed | 0 / 11 (0.00%) | 0 / 11 (0.00%) | |
| occurrences (all) | 0 | 0 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-----------------|---|
| 03 October 2019 | Amended to remove VX-561: 25 mg and VX-561: 50 mg arms and updated planned efficacy and pharmacodynamic analyses. Revised the sample size and power calculation to account for increased enrollment to the VX-561: 150 mg, VX-561: 250 mg and Ivacaftor arms. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported