



Clinical trial results:

A Phase III Open-Label, Multi-Centre, Randomised Study Comparing NUC-1031 plus Cisplatin to Gemcitabine plus Cisplatin in Patients with Previously Untreated Locally Advanced or Metastatic Biliary Tract Cancer

Summary

| | |
|--------------------------|-------------------|
| EudraCT number | 2019-001025-28 |
| Trial protocol | GB FR HU ES DE IT |
| Global end of trial date | 05 April 2022 |

Results information

| | |
|--------------------------------|---------------|
| Result version number | v1 (current) |
| This version publication date | 19 March 2023 |
| First version publication date | 19 March 2023 |

Trial information

Trial identification

| | |
|-----------------------|------------|
| Sponsor protocol code | NuTide:121 |
|-----------------------|------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT04163900 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | NuCana plc |
| Sponsor organisation address | 3 Lochside Way, Edinburgh, United Kingdom, EH12 9DT |
| Public contact | NuCana Clinical Study Information, NuCana plc, +44 1313571111, info@nucana.com |
| Scientific contact | NuCana Clinical Study Information, NuCana plc, +44 1313571111, info@nucana.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 | 05 April 2022 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 05 April 2022 |
| Global end of trial reached? | Yes |
| Global end of trial date | 05 April 2022 |
| Was the trial ended prematurely? | Yes |

Notes:

General information about the trial

Main objective of the trial:

To compare NUC-1031 + cisplatin (Arm A) to the gemcitabine + cisplatin standard of care (Arm B) and to detect a clinically meaningful improvement in Overall Survival (OS) and Objective Response Rate (ORR).

At Interim Analysis 1, the IDMC concluded that NUC-1031 + cisplatin was unlikely to achieve the first primary objective of obtaining statistical significance for OS compared to gemcitabine + cisplatin. The study was stopped for futility on 02 Mar 2022.

Protection of trial subjects:

The Chief Investigator (CI) ensured that the study was conducted in full conformity with the principles of the 1964 Declaration of Helsinki and any subsequent revisions and in accordance with the guidelines laid down by the International Conference on Harmonisation for Good Clinical Practice (ICH GCP E6 guidelines). Precautions were taken to ensure that patient confidentiality was preserved at all times. The Informed Consent Form identified those individuals who required access to patient data and identifiable details and obtained appropriate permission from the consenting patient. The Independent Data Monitoring Committee provided overall supervision of the study and ensured that it was being conducted in accordance with the principles of GCP and the relevant regulations. It provided advice on all aspects of the study as and when necessary.

Background therapy: -

Evidence for comparator:

Although not approved for the treatment of BTC, the combination of gemcitabine and cisplatin is empirically accepted on the basis of clinical studies as the preferred regimen for first-line treatment of patients with BTC. The Phase III ABC-02 study established the combination as the standard of care in this disease (Valle et al, 2016). Furthermore, the combination of gemcitabine and cisplatin is recognised by the National Comprehensive Cancer Network (NCCN) as a Category 1 recommendation for the first-line treatment of patients with BTC (NCCN, 2019). There have been three randomised studies evaluating clinical activity of the combination of gemcitabine and cisplatin in the first-line setting, with dosing on Days 1 and 8, every 21 days (Valle et al, 2010; Okusaka et al, 2010; Valle et al, 2015). The reported ORR (based on unconfirmed responses) from these studies ranged from 18.5 to 26.1%. The median OS across the three studies was remarkably consistent, ranging from 11.2 to 11.9 months.

| | |
|---|------------------|
| Actual start date of recruitment | 23 December 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 | Spain: 44 |
| Country: Number of subjects enrolled | United Kingdom: 85 |
| Country: Number of subjects enrolled | Czech Republic: 23 |
| Country: Number of subjects enrolled | France: 22 |
| Country: Number of subjects enrolled | Germany: 9 |

| | |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Hungary: 18 |
| Country: Number of subjects enrolled | Australia: 51 |
| Country: Number of subjects enrolled | Canada: 63 |
| Country: Number of subjects enrolled | Italy: 31 |
| Country: Number of subjects enrolled | Korea, Republic of: 88 |
| Country: Number of subjects enrolled | Russian Federation: 76 |
| Country: Number of subjects enrolled | Turkey: 20 |
| Country: Number of subjects enrolled | Taiwan: 44 |
| Country: Number of subjects enrolled | Ukraine: 72 |
| Country: Number of subjects enrolled | United States: 127 |
| Worldwide total number of subjects | 773 |
| EEA total number of subjects | 232 |

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) | 371 |
| From 65 to 84 years | 396 |
| 85 years and over | 6 |

Subject disposition

Recruitment

Recruitment details:

A total of 1031 patients were screened, of whom 773 patients were randomised and 761 received at least one dose of study treatment.

Pre-assignment

Screening details:

Patients with histologically- or cytologically-proven biliary adenocarcinoma, including cholangiocarcinoma (intra- and extra hepatic biliary ducts), gallbladder or ampullary cancer, that was not amenable to surgical resection and who had no prior systemic chemotherapy for treatment of locally advanced or metastatic disease were eligible.

Period 1

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

Blinding implementation details:

This study was not blinded. However, primary analyses of objective response data used BICR assessment of radiologic evaluation using blinded double reads with adjudication.

Arms

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

Arm description:

NUC-1031 + cisplatin

| | |
|--|-----------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | fosgemcitabine palabenamide |
| Investigational medicinal product code | NUC-1031 |
| Other name | |
| Pharmaceutical forms | Solution for infusion |
| Routes of administration | Intravenous use |

Dosage and administration details:

NUC-1031 725 mg/m² on Days 1 and 8 of 21-day cycles

| | |
|--|-----------------------|
| Investigational medicinal product name | Cisplatin |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for infusion |
| Routes of administration | Intravenous use |

Dosage and administration details:

Cisplatin 25 mg/m² on Days 1 and 8 of 21-day cycles

| | |
|------------------|-------|
| Arm title | Arm B |
|------------------|-------|

Arm description:

Gemcitabine + cisplatin

| | |
|--|-----------------------|
| Arm type | Active comparator |
| Investigational medicinal product name | Gemcitabine |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for infusion |
| Routes of administration | Intravenous use |

Dosage and administration details:

Gemcitabine 1000 mg/m² on Days 1 and 8 of 21-day cycles

| | |
|--|-----------------------|
| Investigational medicinal product name | Cisplatin |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for infusion |
| Routes of administration | Intravenous use |

Dosage and administration details:

Cisplatin 25 mg/m² on Days 1 and 8 of 21-day cycles

| Number of subjects in period 1 | Arm A | Arm B |
|---------------------------------------|-------|-------|
| Started | 388 | 385 |
| Completed | 0 | 0 |
| Not completed | 388 | 385 |
| Clinical progression | 14 | 13 |
| Consent withdrawn by subject | 37 | 34 |
| Physician decision | 17 | 25 |
| Adverse event, non-fatal | 78 | 32 |
| Death | 29 | 16 |
| Progressive disease | 112 | 127 |
| Lost to follow-up | - | 1 |
| Protocol deviation | 3 | 4 |
| Study closure | 98 | 133 |

Baseline characteristics

Reporting groups

| | |
|---|-------|
| Reporting group title | Arm A |
| Reporting group description: NUC-1031 + cisplatin | |
| Reporting group title | Arm B |
| Reporting group description: Gemcitabine + cisplatin | |

| Reporting group values | Arm A | Arm B | Total |
|---|----------|----------|-------|
| Number of subjects | 388 | 385 | 773 |
| Age categorical Units: Subjects | | | |
| In utero | 0 | 0 | 0 |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | 0 |
| Newborns (0-27 days) | 0 | 0 | 0 |
| Infants and toddlers (28 days-23 months) | 0 | 0 | 0 |
| Children (2-11 years) | 0 | 0 | 0 |
| Adolescents (12-17 years) | 0 | 0 | 0 |
| Adults (18-64 years) | 185 | 186 | 371 |
| From 65-84 years | 200 | 196 | 396 |
| 85 years and over | 3 | 3 | 6 |
| Age continuous Units: years | | | |
| median | 65.0 | 65.0 | |
| full range (min-max) | 31 to 87 | 20 to 86 | - |
| Gender categorical Units: Subjects | | | |
| Female | 174 | 188 | 362 |
| Male | 214 | 197 | 411 |
| Ethnicity Units: Subjects | | | |
| Hispanic or Latino | 21 | 31 | 52 |
| Not Hispanic or Latino | 359 | 337 | 696 |
| Unknown or Not Reported | 8 | 17 | 25 |
| Race Units: Subjects | | | |
| American Indian or Alaska Native | 1 | 0 | 1 |
| Asian | 76 | 77 | 153 |
| Native Hawaiian or Other Pacific Islander | 0 | 1 | 1 |
| Black or African American | 3 | 5 | 8 |
| White | 285 | 274 | 559 |
| Unknown or Not Reported | 23 | 28 | 51 |
| Primary Tumour Location Units: Subjects | | | |
| Gallbladder | 80 | 80 | 160 |

| | | | |
|--|-----|-----|-----|
| Intra-hepatic | 209 | 207 | 416 |
| Extra-hepatic | 80 | 80 | 160 |
| Ampullary | 19 | 18 | 37 |
| Extent of Disease Units: Subjects | | | |
| Locally Advanced | 56 | 65 | 121 |
| Metastatic | 330 | 320 | 650 |
| Unknown | 2 | 0 | 2 |
| Measurable Disease Units: Subjects | | | |
| Yes | 367 | 366 | 733 |
| No | 21 | 19 | 40 |
| ECOG Performance Status Units: Subjects | | | |
| Zero | 205 | 186 | 391 |
| One | 178 | 192 | 370 |
| Unknown | 5 | 7 | 12 |

End points

End points reporting groups

| | |
|---|-------|
| Reporting group title | Arm A |
| Reporting group description: NUC-1031 + cisplatin | |
| Reporting group title | Arm B |
| Reporting group description: Gemcitabine + cisplatin | |

Primary: Overall Survival

| | |
|---|---------------------------------|
| End point title | Overall Survival ^[1] |
| End point description: The median time, in months, from the date of randomization to the date of death from any cause | |
| End point type | Primary |
| End point timeframe: Evaluated on an ongoing basis from randomization, then every 12 weeks from the date of treatment discontinuation until the date of death from any cause, up to a maximum of 18 months after the last patient starts treatment | |

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 study was stopped early for futility; therefore, the analyses performed should only be viewed descriptively.

| End point values | Arm A | Arm B | | |
|----------------------------------|-------------------|---------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 388 | 385 | | |
| Units: Months | | | | |
| median (confidence interval 95%) | 9.2 (8.3 to 10.4) | 12.6 (11.0 to 15.1) | | |

Statistical analyses

No statistical analyses for this end point

Primary: Objective Response Rate

| | |
|---|--|
| End point title | Objective Response Rate ^[2] |
| End point description: Percentage of patients achieving a confirmed complete or partial response to treatment as assessed by blinded independent central review according to RECIST v1.1 criteria in patients with measurable disease at baseline. Patients were to receive a confirmatory scan 28-42 days after response is first observed. | |
| End point type | Primary |
| End point timeframe: Evaluated every 9 weeks from start of treatment or, where treatment is stopped with no evidence of progression, every 12 weeks until disease progression or death from any cause, up to a maximum of 18 months after the last patient starts treatment. | |

Notes:

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

Justification: The study was stopped early for futility; therefore, the analyses performed should only be viewed descriptively.

| End point values | Arm A | Arm B | | |
|-----------------------------|-----------------|-----------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 284 | 275 | | |
| Units: Percentage | 19 | 12 | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Date of consent until 30 days after the last dose of study treatment, up to end of the study
(approximately 2 years, 3 months)

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 24.1 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|-------|
| Reporting group title | Arm A |
|-----------------------|-------|

Reporting group description:

NUC-1031 + cisplatin

| | |
|-----------------------|-------|
| Reporting group title | Arm B |
|-----------------------|-------|

Reporting group description:

Gemcitabine + cisplatin

| Serious adverse events | Arm A | Arm B | |
|---|--------------------|--------------------|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 175 / 383 (45.69%) | 126 / 378 (33.33%) | |
| number of deaths (all causes) | 184 | 132 | |
| number of deaths resulting from adverse events | | | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Breast cancer | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Tumour pain | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Vascular disorders | | | |
| Arterial thrombosis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Deep vein thrombosis | | | |

| | | | |
|--|-----------------|-----------------|--|
| subjects affected / exposed | 7 / 383 (1.83%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 4 / 7 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Embolism | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 1 / 2 | 1 / 2 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Embolism arterial | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 1 / 1 | 1 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hypotension | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hypertension | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Orthostatic hypotension | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Shock | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (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 | | | |
| Asthenia | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 3 / 378 (0.79%) | |
| occurrences causally related to treatment / all | 1 / 2 | 2 / 4 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Death | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 2 | 0 / 2 | |
| Discomfort | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Fatigue | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 4 / 5 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gait disturbance | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| General physical health deterioration | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 5 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 1 | |
| Generalised oedema | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 1 / 1 | 0 / 0 | |
| Malaise | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Mucosal inflammation | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Multiple organ dysfunction syndrome | | | |

| | | | |
|---|------------------|------------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 2 | 0 / 0 | |
| Non-cardiac chest pain | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Oedema peripheral | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 4 / 5 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pain | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pyrexia | | | |
| subjects affected / exposed | 12 / 383 (3.13%) | 18 / 378 (4.76%) | |
| occurrences causally related to treatment / all | 1 / 12 | 10 / 22 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Reproductive system and breast disorders | | | |
| Pelvic pain | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Dyspnoea | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Dyspnoea exertional | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

| | | | |
|---|------------------|-----------------|--|
| Haemoptysis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pleural effusion | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Pulmonary embolism | | | |
| subjects affected / exposed | 12 / 383 (3.13%) | 7 / 378 (1.85%) | |
| occurrences causally related to treatment / all | 4 / 12 | 2 / 7 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Respiratory failure | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Psychiatric disorders | | | |
| Mental status changes | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Personality change | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Product issues | | | |
| Device occlusion | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 5 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Investigations | | | |
| Alanine aminotransferase increased | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 3 / 3 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Aspartate aminotransferase increased | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 4 / 4 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Blood bilirubin increased | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 5 / 378 (1.32%) | |
| occurrences causally related to treatment / all | 2 / 2 | 0 / 5 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Blood creatine increased | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Electrocardiogram QT prolonged | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatic enzyme increased | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Liver function test increased | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Neutrophil count decreased | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Platelet count decreased | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 4 / 383 (1.04%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 4 / 4 | 3 / 3 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| SARS-CoV-2 test positive | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Transaminases increased | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Blood glucose increased | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Injury, poisoning and procedural complications | | | |
| Fall | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hip fracture | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infusion related reaction | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 2 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Lumbar vertebral fracture | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Multiple injuries | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Peripancreatic fluid collection | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Spinal compression fracture | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Spinal fracture | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Subdural haematoma | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Vascular access site thrombosis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cardiac disorders | | | |
| Acute myocardial infarction | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 2 | |
| Angina pectoris | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Arrhythmia | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Atrial fibrillation | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cardiac arrest | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 1 / 2 | 0 / 1 | |
| Cardiac failure | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Myocardial infarction | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nodal arrhythmia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Supraventricular tachyarrhythmia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Tachyarrhythmia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Tachycardia | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nervous system disorders | | | |
| Cerebral ischaemia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cerebrovascular accident | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 2 / 3 | 1 / 2 | |
| deaths causally related to treatment / all | 1 / 1 | 1 / 1 | |
| Encephalopathy | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Epilepsy | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatic encephalopathy | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 1 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Ischaemic stroke | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 4 / 378 (1.06%) | |
| occurrences causally related to treatment / all | 0 / 1 | 2 / 4 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Loss of consciousness | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Seizure | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Syncope | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Blood and lymphatic system disorders | | | |
| Anaemia | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 5 / 378 (1.32%) | |
| occurrences causally related to treatment / all | 2 / 2 | 6 / 6 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cytopenia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Disseminated intravascular coagulation | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Febrile neutropenia | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 2 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Leukocytosis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Lymphadenitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Neutropenia | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 2 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pancytopenia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Splenic infarction | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Thrombocytopenia | | | |
| subjects affected / exposed | 8 / 383 (2.09%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 9 / 9 | 2 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Thrombotic microangiopathy | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Atrial flutter | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Ear and labyrinth disorders | | | |
| Tinnitus | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gastrointestinal disorders | | | |
| Abdominal distension | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Abdominal pain | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 5 / 383 (1.31%) | 3 / 378 (0.79%) | |
| occurrences causally related to treatment / all | 1 / 5 | 0 / 3 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Abdominal rigidity | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Ascites | | | |
| subjects affected / exposed | 7 / 383 (1.83%) | 4 / 378 (1.06%) | |
| occurrences causally related to treatment / all | 2 / 7 | 0 / 4 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Colitis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Colitis ulcerative | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Constipation | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Diarrhoea | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Duodenal stenosis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Enterocolitis | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gastrointestinal haemorrhage | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 5 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Ileus | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Jejunal ulcer | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Large intestine perforation | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nausea | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 3 / 378 (0.79%) | |
| occurrences causally related to treatment / all | 3 / 3 | 3 / 3 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pancreatitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Rectal haemorrhage | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Small intestinal haemorrhage | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Small intestinal obstruction | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Subileus | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Upper gastrointestinal haemorrhage | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Vomiting | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 9 / 378 (2.38%) | |
| occurrences causally related to treatment / all | 3 / 5 | 6 / 9 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatobiliary disorders | | | |
| Biliary obstruction | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 6 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholangitis | | | |
| subjects affected / exposed | 8 / 383 (2.09%) | 4 / 378 (1.06%) | |
| occurrences causally related to treatment / all | 1 / 11 | 1 / 5 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholangitis acute | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 4 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholangitis sclerosing | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholecystitis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholelithiasis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholestasis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Drug-induced liver injury | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 3 / 3 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gallbladder obstruction | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gallbladder rupture | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatic failure | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 3 / 5 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Hepatic function abnormal | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 3 / 383 (0.78%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 2 / 4 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatic vein embolism | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatorenal failure | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Hepatotoxicity | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hyperbilirubinaemia | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 1 / 3 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hypertransaminasaemia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Jaundice | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 3 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Jaundice cholestatic | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 4 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Liver injury | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 2 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 1 / 1 | 0 / 0 | |
| Portal vein embolism | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Renal and urinary disorders | | | |
| Acute kidney injury | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 2 / 2 | 1 / 2 | |
| deaths causally related to treatment / all | 1 / 1 | 0 / 0 | |
| Chronic kidney disease | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Urinary retention | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Endocrine disorders | | | |
| Hypercalcaemia of malignancy | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 3 / 383 (0.78%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 4 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Muscle fatigue | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

| | | | |
|---|-----------------|-----------------|--|
| Muscular weakness | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infections and infestations | | | |
| Abdominal abscess | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Abdominal infection | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Appendicitis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Bacillus bacteraemia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Bacteraemia | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Bacterial sepsis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Biliary sepsis | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 3 / 378 (0.79%) | |
| occurrences causally related to treatment / all | 2 / 5 | 1 / 3 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Biliary tract infection | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 3 / 383 (0.78%) | 5 / 378 (1.32%) | |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 7 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| COVID-19 | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 4 / 378 (1.06%) | |
| occurrences causally related to treatment / all | 0 / 4 | 0 / 4 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| COVID-19 pneumonia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Cellulitis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Clostridium bacteraemia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Clostridium difficile infection | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Device-related bacteraemia | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Device related infection | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Device related sepsis | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Diverticulitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Enterococcal sepsis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Epiglottitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gallbladder abscess | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatitis B reactivation | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infection | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Klebsiella sepsis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Liver abscess | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Lower respiratory tract infection | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 2 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Neutropenic sepsis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 0 | 2 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Peritonitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Peritonitis bacterial | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | |
| Peritonsillar abscess | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pneumonia fungal | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Post procedural infection | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pseudomonal sepsis | | | |

| | | | |
|---|------------------|------------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 2 / 378 (0.53%) | |
| occurrences causally related to treatment / all | 1 / 1 | 2 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pyelonephritis | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pyelonephritis acute | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Respiratory tract infection | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Sepsis | | | |
| subjects affected / exposed | 12 / 383 (3.13%) | 12 / 378 (3.17%) | |
| occurrences causally related to treatment / all | 4 / 14 | 2 / 12 | |
| deaths causally related to treatment / all | 2 / 3 | 1 / 1 | |
| Septic shock | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 1 / 1 | 0 / 0 | |
| Spontaneous bacterial peritonitis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Subdiaphragmatic abscess | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Suspected COVID-19 | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Urinary tract infection | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 3 / 378 (0.79%) | |
| occurrences causally related to treatment / all | 1 / 5 | 0 / 3 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Urosepsis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Vascular device infection | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pneumonia | | | |
| subjects affected / exposed | 5 / 383 (1.31%) | 5 / 378 (1.32%) | |
| occurrences causally related to treatment / all | 2 / 6 | 1 / 6 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Metabolism and nutrition disorders | | | |
| Dehydration | | | |
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 2 / 2 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Electrolyte imbalance | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hyperglycaemia | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 2 / 383 (0.52%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 2 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hypokalaemia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hyponatraemia | | | |
| subjects affected / exposed | 4 / 383 (1.04%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 3 / 4 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hypophagia | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Lactic acidosis | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 0 / 378 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Malnutrition | | | |
| subjects affected / exposed | 1 / 383 (0.26%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Steroid diabetes | | | |
| subjects affected / exposed | 0 / 383 (0.00%) | 1 / 378 (0.26%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

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

| Non-serious adverse events | Arm A | Arm B | |
|---|--------------------|--------------------|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 370 / 383 (96.61%) | 369 / 378 (97.62%) | |
| Vascular disorders | | | |
| Deep vein thrombosis | | | |
| subjects affected / exposed | 18 / 383 (4.70%) | 13 / 378 (3.44%) | |
| occurrences (all) | 21 | 16 | |
| Hypertension | | | |
| subjects affected / exposed | 19 / 383 (4.96%) | 26 / 378 (6.88%) | |
| occurrences (all) | 46 | 73 | |
| General disorders and administration site conditions | | | |
| Asthenia | | | |
| subjects affected / exposed | 64 / 383 (16.71%) | 63 / 378 (16.67%) | |
| occurrences (all) | 121 | 160 | |
| Oedema peripheral | | | |
| subjects affected / exposed | 61 / 383 (15.93%) | 52 / 378 (13.76%) | |
| occurrences (all) | 110 | 78 | |
| Fatigue | | | |
| subjects affected / exposed | 139 / 383 (36.29%) | 114 / 378 (30.16%) | |
| occurrences (all) | 278 | 298 | |
| Pyrexia | | | |
| subjects affected / exposed | 37 / 383 (9.66%) | 45 / 378 (11.90%) | |
| occurrences (all) | 64 | 82 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Dyspnoea | | | |
| subjects affected / exposed | 34 / 383 (8.88%) | 32 / 378 (8.47%) | |
| occurrences (all) | 50 | 53 | |
| Psychiatric disorders | | | |
| Insomnia | | | |
| subjects affected / exposed | 19 / 383 (4.96%) | 32 / 378 (8.47%) | |
| occurrences (all) | 23 | 37 | |
| Investigations | | | |
| Alanine aminotransferase increased | | | |
| subjects affected / exposed | 142 / 383 (37.08%) | 62 / 378 (16.40%) | |
| occurrences (all) | 312 | 131 | |
| Aspartate aminotransferase increased | | | |

| | | | |
|--|--------------------|-------------------|--|
| subjects affected / exposed | 121 / 383 (31.59%) | 57 / 378 (15.08%) | |
| occurrences (all) | 228 | 112 | |
| Blood alkaline phosphatase increased | | | |
| subjects affected / exposed | 36 / 383 (9.40%) | 26 / 378 (6.88%) | |
| occurrences (all) | 67 | 48 | |
| Blood bilirubin increased | | | |
| subjects affected / exposed | 66 / 383 (17.23%) | 17 / 378 (4.50%) | |
| occurrences (all) | 135 | 42 | |
| Neutrophil count decreased | | | |
| subjects affected / exposed | 57 / 383 (14.88%) | 83 / 378 (21.96%) | |
| occurrences (all) | 149 | 232 | |
| Platelet count decreased | | | |
| subjects affected / exposed | 67 / 383 (17.49%) | 63 / 378 (16.67%) | |
| occurrences (all) | 195 | 247 | |
| White blood cell count decreased | | | |
| subjects affected / exposed | 25 / 383 (6.53%) | 33 / 378 (8.73%) | |
| occurrences (all) | 100 | 116 | |
| Injury, poisoning and procedural complications | | | |
| Infusion related reaction | | | |
| subjects affected / exposed | 19 / 383 (4.96%) | 2 / 378 (0.53%) | |
| occurrences (all) | 23 | 2 | |
| Nervous system disorders | | | |
| Dizziness | | | |
| subjects affected / exposed | 37 / 383 (9.66%) | 27 / 378 (7.14%) | |
| occurrences (all) | 44 | 30 | |
| Dysgeusia | | | |
| subjects affected / exposed | 25 / 383 (6.53%) | 24 / 378 (6.35%) | |
| occurrences (all) | 29 | 28 | |
| Headache | | | |
| subjects affected / exposed | 30 / 383 (7.83%) | 29 / 378 (7.67%) | |
| occurrences (all) | 38 | 39 | |
| Neuropathy peripheral | | | |
| subjects affected / exposed | 9 / 383 (2.35%) | 24 / 378 (6.35%) | |
| occurrences (all) | 12 | 34 | |
| Blood and lymphatic system disorders | | | |

| | | | |
|-----------------------------|--------------------|--------------------|--|
| Anaemia | | | |
| subjects affected / exposed | 99 / 383 (25.85%) | 183 / 378 (48.41%) | |
| occurrences (all) | 279 | 498 | |
| Leukopenia | | | |
| subjects affected / exposed | 23 / 383 (6.01%) | 40 / 378 (10.58%) | |
| occurrences (all) | 44 | 132 | |
| Neutropenia | | | |
| subjects affected / exposed | 88 / 383 (22.98%) | 133 / 378 (35.19%) | |
| occurrences (all) | 244 | 364 | |
| Thrombocytopenia | | | |
| subjects affected / exposed | 76 / 383 (19.84%) | 74 / 378 (19.58%) | |
| occurrences (all) | 225 | 214 | |
| Gastrointestinal disorders | | | |
| Abdominal distension | | | |
| subjects affected / exposed | 22 / 383 (5.74%) | 14 / 378 (3.70%) | |
| occurrences (all) | 28 | 22 | |
| Abdominal pain | | | |
| subjects affected / exposed | 53 / 383 (13.84%) | 52 / 378 (13.76%) | |
| occurrences (all) | 113 | 135 | |
| Abdominal pain upper | | | |
| subjects affected / exposed | 19 / 383 (4.96%) | 36 / 378 (9.52%) | |
| occurrences (all) | 27 | 47 | |
| Ascites | | | |
| subjects affected / exposed | 32 / 383 (8.36%) | 13 / 378 (3.44%) | |
| occurrences (all) | 56 | 28 | |
| Constipation | | | |
| subjects affected / exposed | 105 / 383 (27.42%) | 102 / 378 (26.98%) | |
| occurrences (all) | 142 | 141 | |
| Diarrhoea | | | |
| subjects affected / exposed | 48 / 383 (12.53%) | 56 / 378 (14.81%) | |
| occurrences (all) | 70 | 86 | |
| Dyspepsia | | | |
| subjects affected / exposed | 21 / 383 (5.48%) | 20 / 378 (5.29%) | |
| occurrences (all) | 25 | 26 | |
| Nausea | | | |

| | | | |
|---|--------------------|--------------------|--|
| subjects affected / exposed | 167 / 383 (43.60%) | 142 / 378 (37.57%) | |
| occurrences (all) | 284 | 308 | |
| Vomiting | | | |
| subjects affected / exposed | 81 / 383 (21.15%) | 65 / 378 (17.20%) | |
| occurrences (all) | 125 | 128 | |
| Hepatobiliary disorders | | | |
| Hyperbilirubinaemia | | | |
| subjects affected / exposed | 31 / 383 (8.09%) | 8 / 378 (2.12%) | |
| occurrences (all) | 56 | 19 | |
| Skin and subcutaneous tissue disorders | | | |
| Alopecia | | | |
| subjects affected / exposed | 22 / 383 (5.74%) | 26 / 378 (6.88%) | |
| occurrences (all) | 23 | 26 | |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 39 / 383 (10.18%) | 27 / 378 (7.14%) | |
| occurrences (all) | 49 | 39 | |
| Infections and infestations | | | |
| COVID-19 | | | |
| subjects affected / exposed | 20 / 383 (5.22%) | 17 / 378 (4.50%) | |
| occurrences (all) | 21 | 17 | |
| Metabolism and nutrition disorders | | | |
| Blood creatine increased | | | |
| subjects affected / exposed | 9 / 383 (2.35%) | 24 / 378 (6.35%) | |
| occurrences (all) | 21 | 45 | |
| Decreased appetite | | | |
| subjects affected / exposed | 59 / 383 (15.40%) | 55 / 378 (14.55%) | |
| occurrences (all) | 81 | 83 | |
| Hyperglycaemia | | | |
| subjects affected / exposed | 22 / 383 (5.74%) | 20 / 378 (5.29%) | |
| occurrences (all) | 36 | 38 | |
| Hypoalbuminaemia | | | |
| subjects affected / exposed | 39 / 383 (10.18%) | 22 / 378 (5.82%) | |
| occurrences (all) | 105 | 49 | |
| Hypokalaemia | | | |

| | | | |
|-----------------------------|-------------------|-------------------|--|
| subjects affected / exposed | 27 / 383 (7.05%) | 21 / 378 (5.56%) | |
| occurrences (all) | 54 | 44 | |
| Hypomagnesaemia | | | |
| subjects affected / exposed | 64 / 383 (16.71%) | 59 / 378 (15.61%) | |
| occurrences (all) | 120 | 114 | |
| Weight decreased | | | |
| subjects affected / exposed | 20 / 383 (5.22%) | 25 / 378 (6.61%) | |
| occurrences (all) | 30 | 36 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|------------------|--|
| 10 October 2019 | <ul style="list-style-type: none">• Renal function eligibility criterion updated to allow for a population PK analysis of the effect of renal impairment on the PK of NUC-1031.• Exclusion criterion added to ensure that patients with serious immunodeficiency were not enrolled.• Frequency of pregnancy testing increased to comply with Clinical Trials Facilitation Group guidelines.• Wording updated to reflect that cisplatin should be administered in accordance with local practice.• Criteria for continuation of treatment and dose adjustments revised to comply with an updated Summary of Product Characteristics for gemcitabine.• Description of the PFS analyses updated.• Description of futility boundary updated. |
| 18 December 2020 | <ul style="list-style-type: none">• Inclusion criterion 8 updated to loosen the required baseline level of haemoglobin from 10 g/dL to 9 g/dL to ensure that otherwise eligible patients were not needlessly excluded.• Exclusion criterion 3 updated to ensure that patients with risk of hypersensitivity to any of the excipients were excluded.• Exclusion criterion 5 updated to allow inclusion of patients with surgically excised or potentially curatively treated ductal carcinoma in situ of the breast, as well as patients who have undergone prior prostatectomy. In addition, this criterion has been amended to allow patients with previous invasive cancers if treatment was completed more than 3 years prior to initiating the current study treatment, and the patient has had no evidence or recurrence since then.• Wording updated to allow patients who initially do not meet certain inclusion/exclusion criteria to be reassessed as needed during the 21-day screening period.• Clarification of the guidelines for patients meeting Hy's law criteria in accordance with FDA guidance.• Clarification to ensure that SAEs were reported from the date of consent through 30 days after the last dose of study drug.• Update to statistical methodology for the secondary and supportive analyses for OS to introduce a censoring-not-at-random approach to assess the robustness of the inference of superiority of the study treatment.• New section added to provide details of additional sensitivity analyses that were to be performed to assess any impact of the COVID-19 pandemic on OS.• Wording added to inform that monitoring may be performed remotely during the COVID 19 pandemic. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

At IA1, the futility boundary for OS was crossed and the study was closed. Analyses performed on the final database were those scheduled to occur at IA2. However, p-values or CIs are only viewed as descriptive as the study was stopped for futility.

Notes:

