



Clinical trial results:

A Phase 3, double-blind, multicenter, placebo-controlled study of PledOx used on top of modified FOLFOX6 (5 FU/FA and Oxaliplatin) to prevent chemotherapy induced peripheral neuropathy (CIPN) in patients with first-line metastatic colorectal cancer

Summary

| | |
|--------------------------|----------------------|
| EudraCT number | 2017-004754-42 |
| Trial protocol | GB BE DE FR ES HU IT |
| Global end of trial date | 31 August 2020 |

Results information

| | |
|--------------------------------|-------------------|
| Result version number | v1 (current) |
| This version publication date | 16 September 2021 |
| First version publication date | 16 September 2021 |

Trial information

Trial identification

| | |
|-----------------------|---------|
| Sponsor protocol code | PP06490 |
|-----------------------|---------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT03654729 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Egetis Therapeutics AB (formerly PledPharma AB) |
| Sponsor organisation address | Egetis Therapeutics AB Klara Norra Kyrkogata 26 , Stockholm , Sweden, SE 111 22 Stockholm |
| Public contact | Kristina Sjöblom Nygren, CMO, Head Clinical Development, Egetis Therapeutics, +46 732344698, kristina.sjoblom@egetis.com |
| Scientific contact | Kristina Sjöblom Nygren, CMO, Head Clinical Development, Egetis Therapeutics, +46 732344698, kristina.sjoblom@egetis.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 | 11 December 2020 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 31 August 2020 |
| Global end of trial reached? | Yes |
| Global end of trial date | 31 August 2020 |
| Was the trial ended prematurely? | Yes |

Notes:

General information about the trial

Main objective of the trial:

To compare each dose of PledOx (2 and 5 µmol/kg) vs placebo with respect to the proportion of subjects with moderate or severe chronic CIPN

Protection of trial subjects:

The study was conducted in accordance with the Declaration of Helsinki, Good Clinical Practice (GCP) guidelines and local law requirements. An independent Data Monitoring Committee monitored accumulating safety, efficacy and other types of data throughout the study.

Background therapy: -

Evidence for comparator: -

| | |
|---|------------------|
| Actual start date of recruitment | 07 November 2018 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | Yes |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Belgium: 23 |
| Country: Number of subjects enrolled | Czechia: 11 |
| Country: Number of subjects enrolled | Germany: 9 |
| Country: Number of subjects enrolled | Spain: 50 |
| Country: Number of subjects enrolled | France: 18 |
| Country: Number of subjects enrolled | United Kingdom: 19 |
| Country: Number of subjects enrolled | Hong Kong: 2 |
| Country: Number of subjects enrolled | Hungary: 1 |
| Country: Number of subjects enrolled | Italy: 18 |
| Country: Number of subjects enrolled | Japan: 84 |
| Country: Number of subjects enrolled | Korea, Republic of: 33 |
| Country: Number of subjects enrolled | Taiwan: 3 |
| Country: Number of subjects enrolled | United States: 20 |
| Worldwide total number of subjects | 291 |
| EEA total number of subjects | 130 |

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) | 154 |
| From 65 to 84 years | 136 |
| 85 years and over | 1 |

Subject disposition

Recruitment

Recruitment details:

Subjects were recruited in the US, EU and Asia between 2018 and 1 March 2020.

Pre-assignment

Screening details:

386 subjects were screened in the 28 days before the start of treatment, 291 were randomised and 285 were treated. The study was prematurely terminated and enrolled patients were followed until the data cut-off date of 31 August 2020; these patients have been assigned as "completed" in the disposition.

Period 1

| | |
|------------------------------|---|
| Period 1 title | Subjects randomised |
| Is this the baseline period? | No |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator, Monitor, Data analyst, Carer, Assessor |

Arms

| | |
|------------------------------|--------------------|
| Are arms mutually exclusive? | Yes |
| Arm title | PledOx (2 µmol/kg) |

Arm description:

Calmangafodipir [PledOx] (2 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|--|------------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Calmangafodipir (2 µmol/kg) |
| Investigational medicinal product code | |
| Other name | PledOx |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |

Dosage and administration details:

PledOx 2 µmol/kg + mFOLFOX6 chemotherapy administered every 2 weeks (±2 days) for 12 cycles

| | |
|------------------|--------------------|
| Arm title | PledOx (5 µmol/kg) |
|------------------|--------------------|

Arm description:

Calmangafodipir [PledOx] (5 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|--|------------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Calmangafodipir (5 µmol/kg) |
| Investigational medicinal product code | |
| Other name | PledOx |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |

Dosage and administration details:

PledOx 5 µmol/kg + mFOLFOX6 chemotherapy administered every 2 weeks (±2 days) for 12 cycles

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

Arm description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|----------|---------|
| Arm type | Placebo |
|----------|---------|

| | |
|--|------------------------------------|
| Investigational medicinal product name | 0.9% sodium chloride |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |

Dosage and administration details:

Placebo + mFOLFOX6 chemotherapy administered every 2 weeks (± 2 days) for 12 cycles

| Number of subjects in period 1 | PledOx (2 μ mol/kg) | PledOx (5 μ mol/kg) | Placebo |
|--------------------------------|-------------------------|-------------------------|---------|
| Started | 97 | 96 | 98 |
| Completed | 96 | 93 | 96 |
| Not completed | 1 | 3 | 2 |
| Physician decision | 1 | - | - |
| Consent withdrawn by subject | - | 1 | - |
| Unknown | - | 2 | 2 |

Period 2

| | |
|------------------------------|---|
| Period 2 title | Subjects treated |
| Is this the baseline period? | Yes ^[1] |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator, Monitor, Data analyst, Carer, Assessor |

Arms

| | |
|------------------------------|-------------------------|
| Are arms mutually exclusive? | Yes |
| Arm title | PledOx (2 μ mol/kg) |

Arm description:

Calmangafodipir [PledOx] (2 μ mol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|--|------------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Calmangafodipir (2 μ mol/kg) |
| Investigational medicinal product code | |
| Other name | PledOx |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |

Dosage and administration details:

PledOx 2 μ mol/kg + mFOLFOX6 chemotherapy administered every 2 weeks (± 2 days) for 12 cycles

| | |
|------------------|-------------------------|
| Arm title | PledOx (5 μ mol/kg) |
|------------------|-------------------------|

Arm description:

Calmangafodipir [PledOx] (5 μ mol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|----------|--------------|
| Arm type | Experimental |
|----------|--------------|

| | |
|---|------------------------------------|
| Investigational medicinal product name | Calmangafodipir (5 µmol/kg) |
| Investigational medicinal product code | |
| Other name | PledOx |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |
| Dosage and administration details: | |
| PledOx 5 µmol/kg + mFOLFOX6 chemotherapy administered every 2 weeks (±2 days) for 12 cycles | |
| Arm title | Placebo |

Arm description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|--|------------------------------------|
| Arm type | Placebo |
| Investigational medicinal product name | 0.9% sodium chloride |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for solution for infusion |
| Routes of administration | Infusion |

Dosage and administration details:

Placebo + mFOLFOX6 chemotherapy administered every 2 weeks (±2 days) for 12 cycles

Notes:

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

Justification: There were six subjects randomised who were not treated. The baseline period represents subjects who were treated and the baseline data are presented for the subjects treated.

| Number of subjects in period 2^[2] | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo |
|---|--------------------|--------------------|---------|
| Started | 96 | 93 | 96 |
| Completed | 66 | 70 | 69 |
| Not completed | 30 | 23 | 27 |
| Consent withdrawn by subject | 8 | 5 | 4 |
| Physician decision | 1 | - | - |
| Study terminated by Sponsor | 3 | 5 | 4 |
| Death | 9 | 9 | 16 |
| Unknown | 2 | 2 | 3 |
| Non-compliance with study drug | - | 1 | - |
| Lost to follow-up | 2 | - | - |
| Progressive disease | 3 | - | - |
| Site terminated by Sponsor | 1 | - | - |
| Protocol deviation | 1 | 1 | - |

Notes:

[2] - 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: There were six subjects randomised who were not treated. The baseline period represents subjects who were treated and the baseline data are presented for the subjects treated.

Baseline characteristics

Reporting groups

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (2 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (2 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (5 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (5 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

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

Reporting group description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| Reporting group values | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo |
|--|--------------------|--------------------|---------|
| Number of subjects | 96 | 93 | 96 |
| 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) | 48 | 52 | 51 |
| From 65-84 years | 47 | 41 | 45 |
| 85 years and over | 1 | 0 | 0 |
| Age continuous | | | |
| Units: years | | | |
| arithmetic mean | 63.5 | 62.9 | 61.6 |
| standard deviation | ± 10.5 | ± 9.6 | ± 12.4 |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 36 | 43 | 40 |
| Male | 60 | 50 | 56 |
| Race | | | |
| Units: Subjects | | | |
| Asian | 41 | 40 | 39 |
| Black or African American | 0 | 1 | 1 |
| Unknown | 6 | 7 | 5 |
| White | 49 | 45 | 51 |
| ECOG baseline status | | | |
| Units: Subjects | | | |
| Score 0 | 65 | 62 | 53 |
| Score 1 | 31 | 31 | 41 |

| | | | |
|---------|---|---|---|
| Unknown | 0 | 0 | 2 |
|---------|---|---|---|

| Reporting group values | Total | | |
|---|-------|--|--|
| Number of subjects | 285 | | |
| Age categorical Units: Subjects | | | |
| In utero | 0 | | |
| Preterm newborn infants (gestational age < 37 wks) | 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) | 151 | | |
| From 65-84 years | 133 | | |
| 85 years and over | 1 | | |
| Age continuous Units: years | | | |
| arithmetic mean | | | |
| standard deviation | - | | |
| Gender categorical Units: Subjects | | | |
| Female | 119 | | |
| Male | 166 | | |
| Race Units: Subjects | | | |
| Asian | 120 | | |
| Black or African American | 2 | | |
| Unknown | 18 | | |
| White | 145 | | |
| ECOG baseline status Units: Subjects | | | |
| Score 0 | 180 | | |
| Score 1 | 103 | | |
| Unknown | 2 | | |

End points

End points reporting groups

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (2 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (2 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (5 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (5 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

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

Reporting group description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (2 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (2 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (5 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (5 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

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

Reporting group description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

Primary: Moderate or severe chronic chemotherapy induced peripheral neuropathy (CIPN)

| | |
|-----------------|--|
| End point title | Moderate or severe chronic chemotherapy induced peripheral neuropathy (CIPN) |
|-----------------|--|

End point description:

Proportion of subjects (with moderate or severe chronic CIPN) scoring 3 or 4 in at least 1 of the first 4 items of the FACT/GOG-NTX-13 (i.e., FACT/GOG-NTX-4), targeting numbness, tingling or discomfort in hands and/or feet, 9 months after the first dose of IMP (i.e. PledOx or placebo administered on Day 1, Cycle 1 of mFOLFOX6 chemotherapy).

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

End point timeframe:

9 months

| End point values | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo | |
|-----------------------------|--------------------|--------------------|-----------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 54 | 55 | 57 | |
| Units: Number of patients | 31 | 27 | 25 | |

Statistical analyses

| Statistical analysis title | PledOx (2 µmol/kg) versus Placebo |
|---|-----------------------------------|
| Comparison groups | PledOx (2 µmol/kg) v Placebo |
| Number of subjects included in analysis | 111 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.2266 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk ratio (RR) |
| Point estimate | 1.3842 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 0.8172 |
| upper limit | 2.3446 |

| Statistical analysis title | PledOx (5 µmol/kg) versus Placebo |
|--|-----------------------------------|
| Statistical analysis description: | |
| Cochran-Mantel-Haenszel estimate of the common relative risk of moderate to severe CIPN. | |
| Comparison groups | PledOx (5 µmol/kg) v Placebo |
| Number of subjects included in analysis | 112 |
| Analysis specification | Pre-specified |
| Analysis type | |
| P-value | = 0.7434 |
| Method | Cochran-Mantel-Haenszel |
| Parameter estimate | Risk ratio (RR) |
| Point estimate | 1.0951 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 0.6356 |
| upper limit | 1.887 |

Secondary: Progression-free survival

| | |
|-----------------|---------------------------|
| End point title | Progression-free survival |
|-----------------|---------------------------|

End point description:

Progression-free survival defined as time from randomisation until progressive disease (according to Response Evaluation Criteria in Solid Tumors [RECIST] version 1.1) or death from any cause.

| | |
|--|-----------|
| End point type | Secondary |
| End point timeframe: | |
| 12 and 24 months; analysis performed based on available data at cut-off 31 August 2020 | |

| End point values | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo | |
|-----------------------------|--------------------|--------------------|-----------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 95 | 93 | 95 | |
| Units: Number of events | 40 | 36 | 36 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Overall survival

| | |
|---|------------------|
| End point title | Overall survival |
| End point description: | |
| Overall survival defined as time from randomisation to death from any cause. If the subject was alive at the end of the follow-up period (or was lost to follow-up), the subject was censored on the last date the subject was known to be alive. | |
| End point type | Secondary |
| End point timeframe: | |
| 36 months; analysis performed based on available data at cut-off 31 August 2020 | |

| End point values | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo | |
|-----------------------------|--------------------|--------------------|-----------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 95 | 93 | 95 | |
| Units: Number of events | 9 | 9 | 16 | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From screening until 30 days after the end of treatment visit which occurred after up to 6 months of treatment

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

Dictionary used

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

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

Reporting groups

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (2 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (2 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| | |
|-----------------------|--------------------|
| Reporting group title | PledOx (5 µmol/kg) |
|-----------------------|--------------------|

Reporting group description:

Calmangafodipir [PledOx] (5 µmol/kg) on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

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

Reporting group description:

Placebo on day 1 every 2 weeks to subjects as an intravenous infusion, combined with mFOLFOX6 chemotherapy.

| Serious adverse events | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo |
|---|--------------------|--------------------|------------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 27 / 96 (28.13%) | 21 / 93 (22.58%) | 24 / 96 (25.00%) |
| number of deaths (all causes) | 9 | 9 | 16 |
| number of deaths resulting from adverse events | 2 | 3 | 3 |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Metastases to spine | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Tumour perforation | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vascular disorders | | | |
| Embolism | | | |

| | | | |
|--|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hypertension | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hypotension | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Thrombosis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| General disorders and administration site conditions | | | |
| Death | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| Euthanasia | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| Fatigue | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Generalised oedema | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Malaise | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Pyrexia | | | |
| subjects affected / exposed | 2 / 96 (2.08%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Immune system disorders | | | |
| Anaphylactic shock | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Drug hypersensitivity | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Hypersensitivity | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Infusion related reaction | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Urticaria | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Reproductive system and breast disorders | | | |
| Ovarian vein thrombosis | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|----------------|----------------|
| Respiratory, thoracic and mediastinal disorders | | | |
| Pneumonitis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Pulmonary artery thrombosis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Pulmonary embolism | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 3 / 93 (3.23%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 3 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory distress | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Psychiatric disorders | | | |
| Completed suicide | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Investigations | | | |
| Alanine aminotransferase increased | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Blood bilirubin increased | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Injury, poisoning and procedural complications | | | |
| Fall | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Femoral neck fracture | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Femur fracture | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Toxicity to various agents | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Urinary tract stoma complication | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Wound dehiscence | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Wound haemorrhage | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cardiac disorders | | | |
| Cardiogenic shock | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| Nervous system disorders | | | |

| | | | |
|---|----------------|----------------|----------------|
| Altered state of consciousness | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cerebral infarction | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Presyncope | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Syncope | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Blood and lymphatic system disorders | | | |
| Febrile neutropenia | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 2 / 93 (2.15%) | 2 / 96 (2.08%) |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 2 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Neutropenia | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 2 / 93 (2.15%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal disorders | | | |
| Abdominal pain | | | |
| subjects affected / exposed | 2 / 96 (2.08%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Colitis | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|----------------|----------------|
| Diarrhoea | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Enterocolitis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Haemorrhoids | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ileus | | | |
| subjects affected / exposed | 2 / 96 (2.08%) | 0 / 93 (0.00%) | 2 / 96 (2.08%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Inguinal hernia | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Intestinal obstruction | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 2 / 96 (2.08%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| Nausea | | | |
| subjects affected / exposed | 2 / 96 (2.08%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 1 / 2 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Neutropenic colitis | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Pancreatitis acute | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Parotitis | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Stomatitis | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Vomiting | | | |
| subjects affected / exposed | 3 / 96 (3.13%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 1 / 3 | 0 / 1 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatobiliary disorders | | | |
| Bile duct obstruction | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cholecystitis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Renal and urinary disorders | | | |
| Renal failure | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 2 / 96 (2.08%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 1 / 3 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------------------------|----------------------------------|----------------------------------|
| Infections and infestations Cellulitis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 96 (1.04%) 0 / 1 0 / 0 | 1 / 93 (1.08%) 0 / 1 0 / 0 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Corona virus infection subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 0 / 96 (0.00%) 0 / 0 0 / 0 | 1 / 93 (1.08%) 0 / 1 0 / 1 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Device related infection subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 2 / 96 (2.08%) 0 / 2 0 / 0 | 0 / 93 (0.00%) 0 / 0 0 / 0 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Diverticulitis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 96 (1.04%) 0 / 1 0 / 0 | 0 / 93 (0.00%) 0 / 0 0 / 0 | 1 / 96 (1.04%) 0 / 1 0 / 0 |
| Enteritis infectious subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 0 / 96 (0.00%) 0 / 0 0 / 0 | 0 / 93 (0.00%) 0 / 0 0 / 0 | 1 / 96 (1.04%) 0 / 1 0 / 0 |
| Nasopharyngitis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 96 (1.04%) 0 / 1 0 / 0 | 1 / 93 (1.08%) 0 / 1 0 / 0 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Necrotising fasciitis subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 96 (1.04%) 0 / 3 0 / 0 | 0 / 93 (0.00%) 0 / 0 0 / 0 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Neutropenic infection subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 96 (1.04%) 0 / 1 0 / 0 | 0 / 93 (0.00%) 0 / 0 0 / 0 | 0 / 96 (0.00%) 0 / 0 0 / 0 |
| Peritonitis | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 2 / 96 (2.08%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Pneunonia | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 1 / 93 (1.08%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Pyelonephritis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Sepsis | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 0 / 93 (0.00%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Wound infection | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Metabolism and nutrition disorders | | | |
| Cachexia | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 1 / 93 (1.08%) | 0 / 96 (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 |
| Dehydration | | | |
| subjects affected / exposed | 1 / 96 (1.04%) | 1 / 93 (1.08%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hyperkalaemia | | | |
| subjects affected / exposed | 0 / 96 (0.00%) | 0 / 93 (0.00%) | 1 / 96 (1.04%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 1 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hypokalaemia | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 96 (0.00%) | 3 / 93 (3.23%) | 0 / 96 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 3 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

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

| Non-serious adverse events | PledOx (2 µmol/kg) | PledOx (5 µmol/kg) | Placebo |
|---|--------------------|--------------------|------------------|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 93 / 96 (96.88%) | 91 / 93 (97.85%) | 95 / 96 (98.96%) |
| Vascular disorders | | | |
| Hypertension | | | |
| subjects affected / exposed | 12 / 96 (12.50%) | 11 / 93 (11.83%) | 12 / 96 (12.50%) |
| occurrences (all) | 12 | 16 | 16 |
| General disorders and administration site conditions | | | |
| Asthenia | | | |
| subjects affected / exposed | 14 / 96 (14.58%) | 17 / 93 (18.28%) | 21 / 96 (21.88%) |
| occurrences (all) | 23 | 47 | 41 |
| Fatigue | | | |
| subjects affected / exposed | 25 / 96 (26.04%) | 23 / 93 (24.73%) | 23 / 96 (23.96%) |
| occurrences (all) | 38 | 33 | 35 |
| Malaise | | | |
| subjects affected / exposed | 6 / 96 (6.25%) | 4 / 93 (4.30%) | 9 / 96 (9.38%) |
| occurrences (all) | 6 | 5 | 10 |
| Oedema peripheral | | | |
| subjects affected / exposed | 6 / 96 (6.25%) | 3 / 93 (3.23%) | 4 / 96 (4.17%) |
| occurrences (all) | 8 | 3 | 5 |
| Pyrexia | | | |
| subjects affected / exposed | 12 / 96 (12.50%) | 8 / 93 (8.60%) | 9 / 96 (9.38%) |
| occurrences (all) | 15 | 11 | 10 |
| Immune system disorders | | | |
| Drug hypersensitivity | | | |
| subjects affected / exposed | 5 / 96 (5.21%) | 2 / 93 (2.15%) | 5 / 96 (5.21%) |
| occurrences (all) | 6 | 2 | 5 |
| Respiratory, thoracic and mediastinal disorders | | | |

| | | | |
|--|------------------------|------------------------|------------------------|
| Cough subjects affected / exposed occurrences (all) | 4 / 96 (4.17%) 4 | 6 / 93 (6.45%) 7 | 6 / 96 (6.25%) 6 |
| Dyspnoea subjects affected / exposed occurrences (all) | 3 / 96 (3.13%) 3 | 4 / 93 (4.30%) 4 | 5 / 96 (5.21%) 6 |
| Epistaxis subjects affected / exposed occurrences (all) | 13 / 96 (13.54%) 18 | 14 / 93 (15.05%) 15 | 9 / 96 (9.38%) 13 |
| Hiccups subjects affected / exposed occurrences (all) | 4 / 96 (4.17%) 10 | 3 / 93 (3.23%) 6 | 5 / 96 (5.21%) 6 |
| Oropharyngeal pain subjects affected / exposed occurrences (all) | 2 / 96 (2.08%) 3 | 5 / 93 (5.38%) 5 | 2 / 96 (2.08%) 2 |
| Psychiatric disorders Insomnia subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 5 | 3 / 93 (3.23%) 3 | 5 / 96 (5.21%) 5 |
| Investigations Alanine aminotransferase increased subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 5 | 7 / 93 (7.53%) 8 | 8 / 96 (8.33%) 16 |
| Aspartate aminotransferase increased subjects affected / exposed occurrences (all) | 6 / 96 (6.25%) 7 | 7 / 93 (7.53%) 8 | 7 / 96 (7.29%) 16 |
| Nervous system disorders Dizziness subjects affected / exposed occurrences (all) | 0 / 96 (0.00%) 0 | 5 / 93 (5.38%) 5 | 6 / 96 (6.25%) 8 |
| Dysgeusia subjects affected / exposed occurrences (all) | 16 / 96 (16.67%) 18 | 20 / 93 (21.51%) 23 | 21 / 96 (21.88%) 24 |
| Headache subjects affected / exposed occurrences (all) | 7 / 96 (7.29%) 10 | 7 / 93 (7.53%) 7 | 5 / 96 (5.21%) 6 |

| | | | |
|---|------------------------|------------------------|------------------------|
| Neuropathy peripheral subjects affected / exposed occurrences (all) | 32 / 96 (33.33%) 89 | 33 / 93 (35.48%) 84 | 36 / 96 (37.50%) 74 |
| Paraesthesia subjects affected / exposed occurrences (all) | 17 / 96 (17.71%) 26 | 15 / 93 (16.13%) 25 | 18 / 96 (18.75%) 35 |
| Peripheral sensory neuropathy subjects affected / exposed occurrences (all) | 42 / 96 (43.75%) 86 | 40 / 93 (43.01%) 79 | 42 / 96 (43.75%) 97 |
| Blood and lymphatic system disorders | | | |
| Anaemia subjects affected / exposed occurrences (all) | 11 / 96 (11.46%) 17 | 8 / 93 (8.60%) 15 | 14 / 96 (14.58%) 23 |
| Leukopenia subjects affected / exposed occurrences (all) | 12 / 96 (12.50%) 29 | 10 / 93 (10.75%) 22 | 14 / 96 (14.58%) 26 |
| Neutropenia subjects affected / exposed occurrences (all) | 40 / 96 (41.67%) 91 | 48 / 93 (51.61%) 97 | 37 / 96 (38.54%) 90 |
| Thrombocytopenia subjects affected / exposed occurrences (all) | 12 / 96 (12.50%) 26 | 16 / 93 (17.20%) 28 | 16 / 96 (16.67%) 36 |
| Gastrointestinal disorders | | | |
| Abdominal pain subjects affected / exposed occurrences (all) | 16 / 96 (16.67%) 21 | 14 / 93 (15.05%) 21 | 16 / 96 (16.67%) 18 |
| Abdominal pain upper subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 5 | 4 / 93 (4.30%) 5 | 5 / 96 (5.21%) 6 |
| Constipation subjects affected / exposed occurrences (all) | 24 / 96 (25.00%) 26 | 15 / 93 (16.13%) 17 | 14 / 96 (14.58%) 19 |
| Diarrhoea subjects affected / exposed occurrences (all) | 32 / 96 (33.33%) 56 | 27 / 93 (29.03%) 37 | 41 / 96 (42.71%) 68 |
| Dyspepsia | | | |

| | | | |
|---|------------------------|------------------------|------------------------|
| subjects affected / exposed occurrences (all) | 8 / 96 (8.33%) 10 | 6 / 93 (6.45%) 7 | 4 / 96 (4.17%) 4 |
| Nausea subjects affected / exposed occurrences (all) | 34 / 96 (35.42%) 67 | 42 / 93 (45.16%) 69 | 47 / 96 (48.96%) 82 |
| Stomatitis subjects affected / exposed occurrences (all) | 29 / 96 (30.21%) 39 | 24 / 93 (25.81%) 41 | 29 / 96 (30.21%) 43 |
| Vomiting subjects affected / exposed occurrences (all) | 11 / 96 (11.46%) 24 | 16 / 93 (17.20%) 32 | 20 / 96 (20.83%) 30 |
| Skin and subcutaneous tissue disorders | | | |
| Alopecia subjects affected / exposed occurrences (all) | 9 / 96 (9.38%) 9 | 11 / 93 (11.83%) 14 | 13 / 96 (13.54%) 13 |
| Dermatitis acneiform subjects affected / exposed occurrences (all) | 9 / 96 (9.38%) 15 | 7 / 93 (7.53%) 8 | 10 / 96 (10.42%) 18 |
| Dry skin subjects affected / exposed occurrences (all) | 9 / 96 (9.38%) 9 | 11 / 93 (11.83%) 11 | 4 / 96 (4.17%) 7 |
| Palmar-plantar erythrodysesthesia syndrome subjects affected / exposed occurrences (all) | 7 / 96 (7.29%) 10 | 4 / 93 (4.30%) 6 | 6 / 96 (6.25%) 6 |
| Rash subjects affected / exposed occurrences (all) | 6 / 96 (6.25%) 13 | 19 / 93 (20.43%) 30 | 14 / 96 (14.58%) 18 |
| Skin fissures subjects affected / exposed occurrences (all) | 1 / 96 (1.04%) 2 | 5 / 93 (5.38%) 7 | 1 / 96 (1.04%) 1 |
| Renal and urinary disorders | | | |
| Proteinuria subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 6 | 1 / 93 (1.08%) 1 | 2 / 96 (2.08%) 2 |
| Musculoskeletal and connective tissue disorders | | | |

| | | | |
|--|------------------------|------------------------|------------------------|
| Arthralgia subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 5 | 4 / 93 (4.30%) 5 | 6 / 96 (6.25%) 8 |
| Muscle spasms subjects affected / exposed occurrences (all) | 1 / 96 (1.04%) 1 | 6 / 93 (6.45%) 9 | 4 / 96 (4.17%) 4 |
| Myalgia subjects affected / exposed occurrences (all) | 3 / 96 (3.13%) 3 | 2 / 93 (2.15%) 2 | 10 / 96 (10.42%) 13 |
| Infections and infestations | | | |
| Nasopharyngitis subjects affected / exposed occurrences (all) | 4 / 96 (4.17%) 5 | 4 / 93 (4.30%) 5 | 5 / 96 (5.21%) 5 |
| Paronychia subjects affected / exposed occurrences (all) | 2 / 96 (2.08%) 3 | 7 / 93 (7.53%) 8 | 8 / 96 (8.33%) 9 |
| Metabolism and nutrition disorders | | | |
| Decreased appetite subjects affected / exposed occurrences (all) | 30 / 96 (31.25%) 47 | 26 / 93 (27.96%) 33 | 27 / 96 (28.13%) 42 |
| Hypoalbuminaemia subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 6 | 1 / 93 (1.08%) 3 | 2 / 96 (2.08%) 3 |
| Hypokalaemia subjects affected / exposed occurrences (all) | 3 / 96 (3.13%) 5 | 7 / 93 (7.53%) 11 | 9 / 96 (9.38%) 17 |
| Hypomagnesaemia subjects affected / exposed occurrences (all) | 5 / 96 (5.21%) 5 | 7 / 93 (7.53%) 8 | 5 / 96 (5.21%) 7 |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-------------------|--|
| 18 January 2018 | <ul style="list-style-type: none">• Added more rationale for the 2 µmol/kg dose• Amended contraceptive measures• Pregnancy added as a criterion for Investigational Medicinal Product (IMP) discontinuation• Amended the schedule for the Month 3 and Month 6 Assessment Visits• Added time points for assessing health economic impact• Added clarity over when computed tomography (CT)/magnetic resonance imaging (MRI) scans should be performed. Removed CT/MRI assessment at Treatment Visit 12.• Clarified that “graduated tuning fork” referred to the vibration sensitivity test. |
| 20 February 2018 | <ul style="list-style-type: none">• Increased the duration of contraception after the completion of study therapy• Removed ‘Australia’ from the protocol, as the study was not to be conducted there• Amended the volume of blood collected for manganese evaluations |
| 20 June 2018 | <ul style="list-style-type: none">• Updated text to include Asian centres in the study• Included input regarding pregnancy from Competent Authorities into the protocol text• Updated information on the use of background therapy |
| 12 September 2018 | <ul style="list-style-type: none">• Adjusted the number of subjects included in the pharmacokinetic (PK) and electrocardiogram (ECG) examinations.• Included input from the US Food and Drug Administration (FDA) to the protocol text• Updated background information. |
| 09 July 2019 | <ul style="list-style-type: none">• Added conversion and maintenance strategy during the Treatment Phase• Added region and PK sub-study as stratification factors to randomization• Updated exclusion criteria to exclude subjects with resectable metastatic disease and to add an exception for hepatitis B virus (HBV) infection• Clarified study procedures and timing in relation to assessments during Screening, Treatment, and Follow-up Phases• Clarified blinding procedures, IMP storage requirements, and IMP destruction guide• Removed the 8-hour time point from PK assessment• Specified that adverse events will be collected after signing the informed consent form |

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|-----------------|--|
| 09 January 2020 | <ul style="list-style-type: none"> Updated exclusion criteria to exclude subjects with any history of seizures Updated infusion duration for PledOx/placebo Updated potential risks according to recently reported serious adverse events (SAEs) Clarified DSMB review requirement for adverse events/SAEs of seizures, anaphylactoid reactions, and allergic infusion reactions Clarified stopping criteria for subjects with seizures Added details for premedications before PledOx/placebo infusion Clarified procedures to be followed in case a death is an outcome of an event Clarified PledOx-related adverse events Specified the situations that trigger a brain MRI investigation and a neurological examination Updated the flow chart of monitoring increased manganese level and/or Parkinson-like symptoms |
| 15 May 2020 | <p>The rationale for this amendment was to update the protocol regarding the decision to prematurely terminate the study and to include changes resulting from the COVID-19 pandemic and associated site/country restrictions.</p> <ul style="list-style-type: none"> Updated study duration with implementation of an estimated data cut-off date by 30 Sep 2020 Discontinuation of IMP, screening and randomization of patients, PK assessments, ECG measurements, and serum β-HCG pregnancy tests Discontinuation of blood manganese samples with the exception of patients with Parkinson-like symptoms Continuation of study visits as originally planned but without dosing of IMP Collection of adverse events and concomitant medications up to 30 days after the end of treatment visit and until resolution Collection of overall survival data until the estimated data cut-off date by 30 Sep 2020 Added an option for remote data collection during the COVID-19 pandemic for some assessments, according to local requirements Amended statistical section, making reference to the updated statistical analysis plan |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? Yes

| Date | Interruption | Restart date |
|---------------|---|--------------|
| 01 March 2020 | On 23 January 2020, the Sponsor announced that the United States (US) Food and Drug Administration (FDA) had issued a clinical hold in the US of the POLAR program. The implication was that recruitment and dosing of patients in the POLAR-M study was halted in the US. On 01 March 2020, the Sponsor decided to place recruitment and dosing of patients in the POLAR program on hold. The decision followed interactions with the French regulatory authority, ANSM and the US clinical hold. As of 02 March 2020, no investigational medicinal product (IMP) was administered and no more patients were enrolled. Enrolled patients continued to be followed until the data cut-off date of 31 August 2020. | - |

Notes:

Limitations and caveats

None reported