



## Clinical trial results:

### An Open-label, Multiple-site, Phase I/II Dose Cohort Trial of [6R] 5,10-Methylene Tetrahydrofolate (Modufolin®) in Combination with a Fixed Dose of 5-Fluorouracil (5-FU) alone or together with a Fixed Dose of Oxaliplatin or Irinotecan in Patients with Stage IV Colorectal Cancer Summary

|                          |                 |
|--------------------------|-----------------|
| EudraCT number           | 2014-001862-84  |
| Trial protocol           | SE NO DK GR     |
| Global end of trial date | 30 January 2020 |

#### Results information

|                                |                  |
|--------------------------------|------------------|
| Result version number          | v1 (current)     |
| This version publication date  | 14 February 2021 |
| First version publication date | 14 February 2021 |

#### Trial information

##### Trial identification

|                       |            |
|-----------------------|------------|
| Sponsor protocol code | ISO-CC-005 |
|-----------------------|------------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT02244632 |
| WHO universal trial number (UTN)   | -           |

Notes:

#### Sponsors

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Isofol Medical AB  |
| Sponsor organisation address | Arvid Wallgrens Backe 20, Gothenburg, Sweden, SE-413 46                                |
| Public contact               | Chief Medical Officer, Isofol Medical AB, +46 (0)31 7972280, info@isofolmedical.com    |
| Scientific contact           | Chief Scientific Officer, Isofol Medical AB, +46 (0)31 7972280, info@isofolmedical.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                       | 25 August 2020  |
| Is this the analysis of the primary completion data? | Yes             |
| Primary completion date                              | 30 January 2020 |
| Global end of trial reached?                         | Yes             |
| Global end of trial date                             | 30 January 2020 |
| Was the trial ended prematurely?                     | Yes             |

Notes:

## General information about the trial

Main objective of the trial:

To characterise the tolerability of Modufolin in Stage IV CRC patients in 1st or 2nd line treatment in terms of toxicity during eight (8) weeks of treatment with one (1) of four (4) dose levels of Modufolin in the treatment arms.

Protection of trial subjects:

The study protocol and amendments were submitted to ethics committees and/or to competent authorities for approval before patients were recruited, in accordance with the International Council of Harmonisation guidelines, the applicable European Directives and local legal requirements. The study was conducted in compliance with the protocol, regulatory requirements, good clinical practice and the ethical principles of the latest revision of the Declaration of Helsinki as adopted by the World Medical Association. All patients received written and verbal information regarding the study, which emphasised that participation in the study was voluntary and that the patient could withdraw from the study at any time and for any reason. All patients were given the opportunity to ask questions about the study and were given sufficient time to decide whether to participate in the study. Before performing any study-related procedures, the informed consent form was signed and personally dated by the patient and by the person who conducted the informed consent discussion.

Background therapy: -

Evidence for comparator: -

|   |                 |
|---|-----------------|
| Actual start date of recruitment                          | 03 October 2014 |
| Long term follow-up planned                               | No              |
| Independent data monitoring committee (IDMC) involvement? | No              |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |            |
|--------------------------------------|------------|
| Country: Number of subjects enrolled | Norway: 12 |
| Country: Number of subjects enrolled | Sweden: 43 |
| Country: Number of subjects enrolled | Denmark: 3 |
| Country: Number of subjects enrolled | Greece: 47 |
| Worldwide total number of subjects   | 105        |
| EEA total number of subjects         | 105        |

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)                     | 48 |
| From 65 to 84 years                      | 55 |
| 85 years and over                        | 2  |

## Subject disposition

### Recruitment

Recruitment details: -

### Pre-assignment

Screening details:

Patients  $\geq 18$  years with advanced metastatic colorectal (Stage IV) cancer and eligible for 1st or 2nd line therapy with evaluable disease with one measurable site of disease according to RECIST 1.1 criteria (at least 10 mm). Life expectancy  $\geq 3$  months, WHO performance status of 0-2 and adequate haematological, renal and hepatic function.

### Period 1

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

### Arms

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

|                  |                      |
|------------------|----------------------|
| <b>Arm title</b> | 30 mg/m <sup>2</sup> |
|------------------|----------------------|

Arm description: -

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

|  |           |
|--|-----------|
| Investigational medicinal product name | Modufolin |
|--|-----------|

|  |  |
|--|--|
| Investigational medicinal product code |  |
|--|--|

|            |               |
|------------|---------------|
| Other name | Arfolitixorin |
|------------|---------------|

|                      |                        |
|----------------------|------------------------|
| Pharmaceutical forms | Solution for injection |
|----------------------|------------------------|

|                          |                 |
|--------------------------|-----------------|
| Routes of administration | Intravenous use |
|--------------------------|-----------------|

Dosage and administration details:

30 mg/m<sup>2</sup>, intravenous injection

|                  |                      |
|------------------|----------------------|
| <b>Arm title</b> | 60 mg/m <sup>2</sup> |
|------------------|----------------------|

Arm description: -

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

|  |           |
|--|-----------|
| Investigational medicinal product name | Modufolin |
|--|-----------|

|  |  |
|--|--|
| Investigational medicinal product code |  |
|--|--|

|            |               |
|------------|---------------|
| Other name | Arfolitixorin |
|------------|---------------|

|                      |                        |
|----------------------|------------------------|
| Pharmaceutical forms | Solution for injection |
|----------------------|------------------------|

|                          |                 |
|--------------------------|-----------------|
| Routes of administration | Intravenous use |
|--------------------------|-----------------|

Dosage and administration details:

60 mg/m<sup>2</sup>, intravenous injection

|                  |                       |
|------------------|-----------------------|
| <b>Arm title</b> | 120 mg/m <sup>2</sup> |
|------------------|-----------------------|

Arm description: -

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

|  |           |
|--|-----------|
| Investigational medicinal product name | Modufolin |
|--|-----------|

|  |  |
|--|--|
| Investigational medicinal product code |  |
|--|--|

|            |               |
|------------|---------------|
| Other name | Arfolitixorin |
|------------|---------------|

|                      |                        |
|----------------------|------------------------|
| Pharmaceutical forms | Solution for injection |
|----------------------|------------------------|

|                          |                 |
|--------------------------|-----------------|
| Routes of administration | Intravenous use |
|--------------------------|-----------------|

Dosage and administration details:

120 mg/m<sup>2</sup>, intravenous injection

|                  |                       |
|------------------|-----------------------|
| <b>Arm title</b> | 240 mg/m <sup>2</sup> |
|------------------|-----------------------|

|  |                        |
|--|------------------------|
| Arm description: -                     |                        |
| Arm type                               | Experimental           |
| Investigational medicinal product name | Modufolin              |
| Investigational medicinal product code |                        |
| Other name                             | Arfolitixorin          |
| Pharmaceutical forms                   | Solution for injection |
| Routes of administration               | Intravenous use        |

Dosage and administration details:

240 mg/m<sup>2</sup>, intravenous injection

| <b>Number of subjects in period 1</b>        | 30 mg/m <sup>2</sup> | 60 mg/m <sup>2</sup> | 120 mg/m <sup>2</sup> |
|--|----------------------|----------------------|-----------------------|
| Started                                      | 13                   | 20                   | 65                    |
| Completed                                    | 10                   | 17                   | 58                    |
| Not completed                                | 3                    | 3                    | 7                     |
| Adverse event, serious fatal                 | -                    | 1                    | 2                     |
| Consent withdrawn by subject                 | 1                    | -                    | 3                     |
| Adverse event, non-fatal                     | 1                    | 1                    | -                     |
| Progression of disease                       | -                    | 1                    | 2                     |
| Need or requirement of alternative treatment | 1                    | -                    | -                     |

| <b>Number of subjects in period 1</b>        | 240 mg/m <sup>2</sup> |
|--|-----------------------|
| Started                                      | 7                     |
| Completed                                    | 5                     |
| Not completed                                | 2                     |
| Adverse event, serious fatal                 | -                     |
| Consent withdrawn by subject                 | -                     |
| Adverse event, non-fatal                     | -                     |
| Progression of disease                       | 2                     |
| Need or requirement of alternative treatment | -                     |

## Baseline characteristics

### Reporting groups

|                       |            |
|-----------------------|------------|
| Reporting group title | Main Study |
|-----------------------|------------|

Reporting group description: -

| Reporting group values                                | Main Study | Total |  |
|---|------------|-------|--|
| Number of subjects                                    | 105        | 105   |  |
| Age categorical                                       |            |       |  |
| Units: Subjects                                       |            |       |  |
| In utero  |            | 0     |  |
| Preterm newborn infants<br>(gestational age < 37 wks) |            | 0     |  |
| Newborns (0-27 days)                                  |            | 0     |  |
| Infants and toddlers (28 days-23<br>months)           |            | 0     |  |
| Children (2-11 years)                                 |            | 0     |  |
| Adolescents (12-17 years)                             |            | 0     |  |
| Adults (18-64 years)                                  |            | 0     |  |
| From 65-84 years                                      |            | 0     |  |
| 85 years and over                                     |            | 0     |  |
| Age continuous  |            |       |  |
| Units: years  |            |       |  |
| arithmetic mean                                       | 63.6       |       |  |
| standard deviation                                    | ± 10.3     | -     |  |
| Gender categorical                                    |            |       |  |
| Units: Subjects                                       |            |       |  |
| Female  | 50         | 50    |  |
| Male  | 55         | 55    |  |

## End points

### End points reporting groups

|                                |           |
|--------------------------------|-----------|
| Reporting group title          | 30 mg/m2  |
| Reporting group description: - |           |
| Reporting group title          | 60 mg/m2  |
| Reporting group description: - |           |
| Reporting group title          | 120 mg/m2 |
| Reporting group description: - |           |
| Reporting group title          | 240 mg/m2 |
| Reporting group description: - |           |

### Primary: Number and severity of dose limiting toxicity

|   |  |
|---|--|
| End point title   | Number and severity of dose limiting toxicity <sup>[1]</sup> |
| End point description:                                    |  |
| End point type  | Primary  |
| End point timeframe:                                      |  |
| During 4 cycles of treatment with IMP (8 weeks in total). |  |

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: This was a safety study and no formal statistical testing was performed.

| End point values            | 30 mg/m2        | 60 mg/m2        | 120 mg/m2       | 240 mg/m2       |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| Subject group type          | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 13              | 20              | 65              | 7               |
| Units: number               |                 |                 |                 |                 |
| Total                       | 8               | 17              | 59              | 2               |
| Grade 1                     | 0               | 2               | 9               | 0               |
| Grade 2                     | 2               | 6               | 23              | 0               |
| Grade 3                     | 2               | 7               | 24              | 2               |
| Grade 4                     | 4               | 2               | 2               | 0               |
| Grade 5                     | 0               | 0               | 1               | 0               |

### Statistical analyses

No statistical analyses for this end point

### Primary: Objective Response Rate

|  |  |
|--|--|
| End point title  | Objective Response Rate <sup>[2]</sup> |
| End point description:   |  |
| Only patients alive and without major protocol deviations after 8 weeks are included (per protocol set). |  |
| End point type   | Primary                                |
| End point timeframe:   |  |
| Number of patients with response after 4 treatment cycles (8 weeks of 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: This was a safety study and no formal statistical testing was performed.

| <b>End point values</b>     | 30 mg/m <sup>2</sup> | 60 mg/m <sup>2</sup> | 120 mg/m <sup>2</sup> | 240 mg/m <sup>2</sup> |
|-----------------------------|----------------------|----------------------|-----------------------|-----------------------|
| Subject group type          | Reporting group      | Reporting group      | Reporting group       | Reporting group       |
| Number of subjects analysed | 8                    | 14                   | 55                    | 5                     |
| Units: patients             |                      |                      |                       |                       |
| Responders                  | 0                    | 4                    | 13                    | 1                     |

## **Statistical analyses**

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

During 4 cycles of treatment with IMP (8 weeks in total).

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

### Dictionary used

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

|                    |    |
|--------------------|----|
| Dictionary version | 17 |
|--------------------|----|

### Reporting groups

|                       |                    |
|-----------------------|--------------------|
| Reporting group title | Overall Main Study |
|-----------------------|--------------------|

Reporting group description: -

| <b>Serious adverse events</b>                                       | Overall Main Study |  |  |
|---|--------------------|--|--|
| Total subjects affected by serious adverse events                   |                    |  |  |
| subjects affected / exposed   | 23 / 105 (21.90%)  |  |  |
| number of deaths (all causes)                                       | 3                  |  |  |
| number of deaths resulting from adverse events                      | 3                  |  |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                    |  |  |
| Malignant neoplasm progression                                      |                    |  |  |
| subjects affected / exposed   | 2 / 105 (1.90%)    |  |  |
| occurrences causally related to treatment / all                     | 1 / 2              |  |  |
| deaths causally related to treatment / all                          | 1 / 2              |  |  |
| Vascular disorders  |                    |  |  |
| Embolism  |                    |  |  |
| subjects affected / exposed   | 1 / 105 (0.95%)    |  |  |
| occurrences causally related to treatment / all                     | 0 / 1              |  |  |
| deaths causally related to treatment / all                          | 0 / 0              |  |  |
| General disorders and administration site conditions                |                    |  |  |
| Pyrexia   |                    |  |  |
| subjects affected / exposed   | 2 / 105 (1.90%)    |  |  |
| occurrences causally related to treatment / all                     | 0 / 3              |  |  |
| deaths causally related to treatment / all                          | 0 / 0              |  |  |
| General physical health deterioration                               |                    |  |  |

|  |                 |  |  |
|--|-----------------|--|--|
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 0 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 0           |  |  |
| <b>Respiratory, thoracic and mediastinal disorders</b> |                 |  |  |
| Pleural effusion                                       |                 |  |  |
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 0 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 0           |  |  |
| Pulmonary embolism                                     |                 |  |  |
| subjects affected / exposed                            | 2 / 105 (1.90%) |  |  |
| occurrences causally related to treatment / all        | 0 / 2           |  |  |
| deaths causally related to treatment / all             | 0 / 1           |  |  |
| Acute respiratory distress syndrome                    |                 |  |  |
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 0 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 1           |  |  |
| <b>Investigations</b>                                  |                 |  |  |
| Blood creatinine increased                             |                 |  |  |
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 1 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 0           |  |  |
| <b>Injury, poisoning and procedural complications</b>  |                 |  |  |
| Subdural haematoma                                     |                 |  |  |
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 0 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 0           |  |  |
| <b>Cardiac disorders</b>                               |                 |  |  |
| Supraventricular tachycardia                           |                 |  |  |
| subjects affected / exposed                            | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all        | 0 / 1           |  |  |
| deaths causally related to treatment / all             | 0 / 0           |  |  |
| <b>Blood and lymphatic system disorders</b>            |                 |  |  |
| Febrile neutropenia                                    |                 |  |  |

|   |                 |  |  |
|---|-----------------|--|--|
| subjects affected / exposed                     | 2 / 105 (1.90%) |  |  |
| occurrences causally related to treatment / all | 1 / 2           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Gastrointestinal disorders</b>               |                 |  |  |
| <b>Abdominal pain</b>                           |                 |  |  |
| subjects affected / exposed                     | 3 / 105 (2.86%) |  |  |
| occurrences causally related to treatment / all | 0 / 4           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Abdominal pain upper</b>                     |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Ascites</b>                                  |                 |  |  |
| subjects affected / exposed                     | 2 / 105 (1.90%) |  |  |
| occurrences causally related to treatment / all | 0 / 2           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Colitis</b>                                  |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Constipation</b>                             |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 2           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Diarrhoea</b>                                |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Enteritis</b>                                |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| <b>Ileus</b>                                    |                 |  |  |

|   |                 |  |  |
|---|-----------------|--|--|
| subjects affected / exposed                     | 2 / 105 (1.90%) |  |  |
| occurrences causally related to treatment / all | 0 / 3           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Mesenteric vein thrombosis                      |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Proctalgia                                      |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Hepatobiliary disorders                         |                 |  |  |
| Cholangitis                                     |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Renal and urinary disorders                     |                 |  |  |
| Urinary retention                               |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Renal failure                                   |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Renal failure acute                             |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Infections and infestations                     |                 |  |  |
| Infection                                       |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |

|   |                 |  |  |
|---|-----------------|--|--|
| Perirectal abscess                              |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 0 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Metabolism and nutrition disorders              |                 |  |  |
| Dehydration                                     |                 |  |  |
| subjects affected / exposed                     | 2 / 105 (1.90%) |  |  |
| occurrences causally related to treatment / all | 1 / 2           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |
| Hyponatraemia                                   |                 |  |  |
| subjects affected / exposed                     | 1 / 105 (0.95%) |  |  |
| occurrences causally related to treatment / all | 1 / 1           |  |  |
| deaths causally related to treatment / all      | 0 / 0           |  |  |

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

| <b>Non-serious adverse events</b>                     | Overall Main Study |  |  |
|---|--------------------|--|--|
| Total subjects affected by non-serious adverse events |                    |  |  |
| subjects affected / exposed                           | 86 / 105 (81.90%)  |  |  |
| Nervous system disorders                              |                    |  |  |
| Neuropathy peripheral                                 |                    |  |  |
| subjects affected / exposed                           | 15 / 105 (14.29%)  |  |  |
| occurrences (all)                                     | 27                 |  |  |
| Blood and lymphatic system disorders                  |                    |  |  |
| Anaemia   |                    |  |  |
| subjects affected / exposed                           | 10 / 105 (9.52%)   |  |  |
| occurrences (all)                                     | 15                 |  |  |
| Neutropenia   |                    |  |  |
| subjects affected / exposed                           | 20 / 105 (19.05%)  |  |  |
| occurrences (all)                                     | 30                 |  |  |
| General disorders and administration site conditions  |                    |  |  |
| Fatigue   |                    |  |  |
| subjects affected / exposed                           | 30 / 105 (28.57%)  |  |  |
| occurrences (all)                                     | 40                 |  |  |
| Mucosal inflammation                                  |                    |  |  |

|  |   |  |  |
|--|---|--|--|
| <p>subjects affected / exposed<br/>occurrences (all)</p> <p>Pyrexia<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>9 / 105 (8.57%)<br/>10</p> <p>13 / 105 (12.38%)<br/>16</p>   |  |  |
| <p>Gastrointestinal disorders</p> <p>Abdominal pain<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Constipation<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Diarrhoea<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Nausea<br/>subjects affected / exposed<br/>occurrences (all)</p> <p>Vomiting<br/>subjects affected / exposed<br/>occurrences (all)</p> | <p>10 / 105 (9.52%)<br/>12</p> <p>7 / 105 (6.67%)<br/>7</p> <p>26 / 105 (24.76%)<br/>39</p> <p>31 / 105 (29.52%)<br/>55</p> <p>17 / 105 (16.19%)<br/>33</p> |  |  |
| <p>Infections and infestations</p> <p>Urinary tract infection<br/>subjects affected / exposed<br/>occurrences (all)</p>  | <p>9 / 105 (8.57%)<br/>12</p>   |  |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment   |
|------------------|---|
| 08 July 2014     | Amendment to the study protocol and IB based on input from the Swedish regulatory authority MPA. Changes were made to the study rationale, design as well as safety evaluation and reporting.   |
| 21 January 2015  | Inclusion of Denmark and Norway. Introduction of Arm #3 (Irinotecan treatment). Removal of arfolitixorin dose 120 mg/m <sup>2</sup> in Treatment Arm #1. Addition of explorative endpoint tissue sample for gene expression.  |
| 17 June 2015     | Introduced a sub-study, the Follow-up Study, which would allow the continued treatment with arfolitixorin in those patients who did not show either clinical or radiological signs of disease progression after completing the study treatment in the initial 8 week treatment (i.e., Main Study). Further adaptation of the method for assigning patients to treatment to ensure that patients deemed fit for at least one of the chemotherapies in the treatment arms could enrol even if unfit for the other treatment arms in the study. Changes in the eligibility criteria for enrolment in the Main Study, such as changes to align with the adaptation of the method for allocation of patients to treatments, and to allow patients in other than first line settings. |
| 22 April 2016    | Introduced new treatment cohorts with higher arfolitixorin doses (i.e., 120 and 240 mg/m <sup>2</sup> ) with the aim to acquire information critical for the design of planned next clinical study with arfolitixorin in the intended indication. Adaptation of the requirements needed to ensure that data collected was satisfactory for a suitable assessment of the tolerability of arfolitixorin in the combination with the chemotherapies given. The assessment of dU levels was re-classified as an exploratory endpoint (previously secondary efficacy endpoint).  |
| 03 October 2016  | Introduced a new chemotherapy infusion regimen and a treatment arm including bevacizumab. The primary endpoint was updated to clarify that, not only the number of patients who had their chemotherapy dose adjusted due to related toxicity, but also the actual number of dose adjustments made would be assessed. Greece was also included for recruitment of patients in several clinical sites. The eligibility criteria for enrolment in the Main Study were updated in alignment with introduction of the new treatment arms and applicable clinical practice. The contact information for the new Coordinating Investigator, as notified separately (15-Jun-2016), was updated.   |
| 05 July 2017     | Introduced new treatment cohorts in Treatment Arm #5 leading to administration of up to three (3) doses of the IMP: 60 mg/m <sup>2</sup> , 120 mg/m <sup>2</sup> and 240 mg/m <sup>2</sup> instead of only receiving arfolitixorin at the SP2D.   |
| 23 November 2017 | Up to 10 new patients were planned to be included in each of Treatment Arm #4 and #6, respectively. All new patients added received arfolitixorin at the SP2D. Addition of a tumour biomarker blood sample collection for patients in Treatment Arm #4 and #6, respectively. Addition of nine (9) patients at the SP2D in Treatment Arm #5.   |

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| 19 July 2018     | Included the expansion of Cohort #18 (Treatment Arm #4) and the cohort(s) in the Treatment Arm #6 with additional 10 patients in each treatment regimen, i.e. 20 new patients in the clinical study. With this amendment the Sponsor aimed to obtain more data on the safety, tolerability, and efficacy. Included the statement that the amended study protocol is in accordance with the then newly enforced General Data Protection Regulation (GDPR). |
| 22 November 2019 | Changes were made to the eligibility (exclusion criteria #2 and #16) for enrolment in the Main Study. Change to the secondary objective regarding evaluation of tumour response and disease progression.  |

Notes:

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### **Interruptions (globally)**

Were there any global interruptions to the trial? No

### **Limitations and caveats**

None reported