



## Clinical trial results:

### A multicenter, randomized, double blind placebo controlled trial of Micronized purified Flavonoid-Fraction (MPFF) in the management of radiation proctitis

#### Summary

|                          |                 |
|--------------------------|-----------------|
| EudraCT number           | 2019-001916-44  |
| Trial protocol           | AT              |
| Global end of trial date | 13 October 2023 |

#### Results information

|                                |                   |
|--------------------------------|-------------------|
| Result version number          | v1 (current)      |
| This version publication date  | 12 September 2024 |
| First version publication date | 12 September 2024 |

#### Trial information

##### Trial identification

|                       |               |
|-----------------------|---------------|
| Sponsor protocol code | MiFlaPRO_2019 |
|-----------------------|---------------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT04335617 |
| WHO universal trial number (UTN)   | -           |

Notes:

##### Sponsors

|                              |                                                                                                                                                              |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sponsor organisation name    | Medizinische Universität Innsbruck                                                                                                                           |
| Sponsor organisation address | Innrain 52, Innsbruck, Austria, 6020                                                                                                                         |
| Public contact               | University Hospital for Visceral, Transplant and Thoracic Surgery, Medizinische Universität Innsbruck, 0043 51250422600, marijana.ninkovic@tirol-kliniken.at |
| Scientific contact           | University Hospital for Visceral, Transplant and Thoracic Surgery, Medizinische Universität Innsbruck, 0043 51250422600, marijana.ninkovic@tirol-kliniken.at |

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                       | 27 June 2024    |
| Is this the analysis of the primary completion data? | Yes             |
| Primary completion date                              | 13 October 2023 |
| Global end of trial reached?                         | Yes             |
| Global end of trial date                             | 13 October 2023 |
| Was the trial ended prematurely?                     | Yes             |

Notes:

## General information about the trial

Main objective of the trial:

The goal of the study is to compare the number of necessary interventions required to stop radiation proctitis inducing rectal bleeding in patients receiving Daflon® in comparison to patients in the control group receiving Placebo within 12 months of medical treatment.

Protection of trial subjects:

The MiFlaPRO study was conducted in strict accordance with the ethical principles originating from the Declaration of Helsinki, relevant regulatory requirements, and Good Clinical Practices (GCP). The study protocol was designed to ensure the protection of participant rights, safety, and well-being throughout the study.

Background therapy: -

Evidence for comparator: -

|                                                           |                  |
|-----------------------------------------------------------|------------------|
| Actual start date of recruitment                          | 11 February 2020 |
| 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 | Austria: 38 |
| Worldwide total number of subjects   | 38          |
| EEA total number of subjects         | 38          |

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)                      | 0  |
| From 65 to 84 years                       | 36 |
| 85 years and over                         | 2  |

## Subject disposition

### Recruitment

Recruitment details: -

### Pre-assignment

Screening details:

49 patients were screened for inclusion, of which n=38 were randomized. N=9 patients did not meet inclusion/exclusion criteria, and n=2 patients did not participate in the trial.

### Period 1

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

### Arms

|                                        |                    |
|----------------------------------------|--------------------|
| Are arms mutually exclusive?           | Yes                |
| <b>Arm title</b>                       | Daflon             |
| Arm description: -                     |                    |
| Arm type                               | Experimental       |
| Investigational medicinal product name | Daflon             |
| Investigational medicinal product code |                    |
| Other name                             |                    |
| Pharmaceutical forms                   | Film-coated tablet |
| Routes of administration               | Oral use           |

Dosage and administration details:

six tablets daily for the first four days, four tablets daily for the next three days, followed by two tablets daily for the remaining treatment period.

|                                        |                    |
|----------------------------------------|--------------------|
| <b>Arm title</b>                       | Placebo            |
| Arm description: -                     |                    |
| Arm type                               | Placebo            |
| Investigational medicinal product name | Placebo            |
| Investigational medicinal product code |                    |
| Other name                             |                    |
| Pharmaceutical forms                   | Film-coated tablet |
| Routes of administration               | Oral use           |

Dosage and administration details:

six tablets daily for the first four days, four tablets daily for the next three days, followed by two tablets daily for the remaining treatment period.

| Number of subjects in period 1 | Daflon | Placebo |
|--------------------------------|--------|---------|
| Started                        | 21     | 17      |
| Completed                      | 13     | 14      |
| Not completed                  | 8      | 3       |
| Adverse event, serious fatal   | 2      | -       |
| Consent withdrawn by subject   | 4      | 1       |

|                          |   |   |
|--------------------------|---|---|
| Physician decision       | - | 1 |
| Adverse event, non-fatal | 2 | 1 |

## Baseline characteristics

### Reporting groups

|                                |         |
|--------------------------------|---------|
| Reporting group title          | Daflon  |
| Reporting group description: - |         |
| Reporting group title          | Placebo |
| Reporting group description: - |         |

| Reporting group values       | Daflon       | Placebo      | Total |
|------------------------------|--------------|--------------|-------|
| Number of subjects           | 21           | 17           | 38    |
| Age categorical              |              |              |       |
| Units: Subjects              |              |              |       |
| From 65-84 years             | 20           | 16           | 36    |
| 85 years and over            | 1            | 1            | 2     |
| Age continuous               |              |              |       |
| Units: years                 |              |              |       |
| median                       | 75.7         | 78.1         |       |
| inter-quartile range (Q1-Q3) | 72.5 to 79.3 | 74.8 to 80.6 | -     |
| Gender categorical           |              |              |       |
| Units: Subjects              |              |              |       |
| Female                       | 3            | 0            | 3     |
| Male                         | 18           | 17           | 35    |

### Subject analysis sets

|                                                                                                                                                                                                               |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Subject analysis set title                                                                                                                                                                                    | Intention-to-treat |
| Subject analysis set type                                                                                                                                                                                     | Intention-to-treat |
| Subject analysis set description:                                                                                                                                                                             |                    |
| The efficacy analysis in the MiFlaPRO study was conducted using the ITT population, which included all randomized patients who received at least one dose of the investigational product, Daflon®, or placebo |                    |

| Reporting group values       | Intention-to-treat |  |  |
|------------------------------|--------------------|--|--|
| Number of subjects           | 38                 |  |  |
| Age categorical              |                    |  |  |
| Units: Subjects              |                    |  |  |
| From 65-84 years             | 36                 |  |  |
| 85 years and over            | 2                  |  |  |
| Age continuous               |                    |  |  |
| Units: years                 |                    |  |  |
| median                       |                    |  |  |
| inter-quartile range (Q1-Q3) |                    |  |  |
| Gender categorical           |                    |  |  |
| Units: Subjects              |                    |  |  |
| Female                       | 3                  |  |  |
| Male                         | 35                 |  |  |

## End points

### End points reporting groups

|                                                                                                                                                                                                               |                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Reporting group title                                                                                                                                                                                         | Daflon             |
| Reporting group description: -                                                                                                                                                                                |                    |
| Reporting group title                                                                                                                                                                                         | Placebo            |
| Reporting group description: -                                                                                                                                                                                |                    |
| Subject analysis set title                                                                                                                                                                                    | Intention-to-treat |
| Subject analysis set type                                                                                                                                                                                     | Intention-to-treat |
| Subject analysis set description:                                                                                                                                                                             |                    |
| The efficacy analysis in the MiFlaPRO study was conducted using the ITT population, which included all randomized patients who received at least one dose of the investigational product, Daflon®, or placebo |                    |

### Primary: Number of necessary interventions per patient required to manage macroscopic rectal bleeding

|                                                                                                                                                                                                   |                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| End point title                                                                                                                                                                                   | Number of necessary interventions per patient required to manage macroscopic rectal bleeding |
| End point description:                                                                                                                                                                            |                                                                                              |
| The primary efficacy endpoint was the number of necessary interventions per patient required to manage macroscopic rectal bleeding due to radiation proctitis over the 12-month treatment period. |                                                                                              |
| End point type                                                                                                                                                                                    | Primary                                                                                      |
| End point timeframe:                                                                                                                                                                              |                                                                                              |
| 12-month period                                                                                                                                                                                   |                                                                                              |

| End point values            | Daflon          | Placebo         | Intention-to-treat   |  |
|-----------------------------|-----------------|-----------------|----------------------|--|
| Subject group type          | Reporting group | Reporting group | Subject analysis set |  |
| Number of subjects analysed | 21              | 17              | 38                   |  |
| Units: Patients             | 5               | 4               | 9                    |  |

### Statistical analyses

|                                                                                                                                                                                                                                                                                                            |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Statistical analysis title                                                                                                                                                                                                                                                                                 | Number of necessary interventions to stop bleeding |
| Statistical analysis description:                                                                                                                                                                                                                                                                          |                                                    |
| The primary efficacy endpoint was defined as the number of necessary treatment interventions per patient required to stop radiation proctitis induced rectal bleeding within 12 months after the randomization date. The number of these necessary interventions was compared between Daflon® and Placebo. |                                                    |
| Comparison groups                                                                                                                                                                                                                                                                                          | Daflon v Placebo                                   |
| Number of subjects included in analysis                                                                                                                                                                                                                                                                    | 38                                                 |
| Analysis specification                                                                                                                                                                                                                                                                                     | Pre-specified                                      |
| Analysis type                                                                                                                                                                                                                                                                                              | superiority <sup>[1]</sup>                         |
| P-value                                                                                                                                                                                                                                                                                                    | = 0.05                                             |
| Method                                                                                                                                                                                                                                                                                                     | two-sided Mann-Whitney U-Test                      |

#### Notes:

[1] - The statistical analysis showed no significant difference between the two groups regarding the number of interventions required (p=0.97). This indicates that there was no advantage of Daflon over placebo in reducing the need for surgical or interventional treatments for radiation proctitis.



## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

12.02.2020-13.10.2023 (12 month per patient)

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

### Dictionary used

|                 |       |
|-----------------|-------|
| Dictionary name | CTCAE |
|-----------------|-------|

|                    |     |
|--------------------|-----|
| Dictionary version | 5.0 |
|--------------------|-----|

### Reporting groups

|                       |        |
|-----------------------|--------|
| Reporting group title | Daflon |
|-----------------------|--------|

Reporting group description: -

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

Reporting group description: -

| Serious adverse events                                              | Daflon          | Placebo         |  |
|---------------------------------------------------------------------|-----------------|-----------------|--|
| Total subjects affected by serious adverse events                   |                 |                 |  |
| subjects affected / exposed                                         | 5 / 21 (23.81%) | 3 / 17 (17.65%) |  |
| number of deaths (all causes)                                       | 2               | 0               |  |
| number of deaths resulting from adverse events                      | 2               | 0               |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                 |                 |  |
| Prostate cancer                                                     |                 |                 |  |
| subjects affected / exposed                                         | 1 / 21 (4.76%)  | 0 / 17 (0.00%)  |  |
| occurrences causally related to treatment / all                     | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                          | 0 / 1           | 0 / 0           |  |
| Injury, poisoning and procedural complications                      |                 |                 |  |
| Skull fracture                                                      |                 |                 |  |
| subjects affected / exposed                                         | 1 / 21 (4.76%)  | 0 / 17 (0.00%)  |  |
| occurrences causally related to treatment / all                     | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all                          | 0 / 0           | 0 / 0           |  |
| Surgical and medical procedures                                     |                 |                 |  |
| Central venous catheter removal                                     |                 |                 |  |
| subjects affected / exposed                                         | 1 / 21 (4.76%)  | 0 / 17 (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                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Reproductive system and breast disorders        |                |                |  |
| Benign prostatic hyperplasia                    |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Gastrointestinal disorders                      |                |                |  |
| Hematochezia                                    |                |                |  |
| subjects affected / exposed                     | 2 / 21 (9.52%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 2          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Constipation                                    |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Functional gastrointestinal disorder            |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Respiratory, thoracic and mediastinal disorders |                |                |  |
| Pneumothorax spontaneous                        |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Pleural effusion                                |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Acute respiratory distress syndrome             |                |                |  |

|                                                 |                |                |  |
|-------------------------------------------------|----------------|----------------|--|
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 1          | 0 / 0          |  |
| Renal and urinary disorders                     |                |                |  |
| Azotaemia                                       |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |

Frequency threshold for reporting non-serious adverse events: 0 %

| <b>Non-serious adverse events</b>                                   | Daflon           | Placebo          |  |
|---------------------------------------------------------------------|------------------|------------------|--|
| Total subjects affected by non-serious adverse events               |                  |                  |  |
| subjects affected / exposed                                         | 12 / 21 (57.14%) | 14 / 17 (82.35%) |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                  |                  |  |
| Parathyroid tumour benign                                           |                  |                  |  |
| subjects affected / exposed                                         | 0 / 21 (0.00%)   | 1 / 17 (5.88%)   |  |
| occurrences (all)                                                   | 0                | 1                |  |
| Respiratory, thoracic and mediastinal disorders                     |                  |                  |  |
| Pleural effusion                                                    |                  |                  |  |
| subjects affected / exposed                                         | 1 / 21 (4.76%)   | 0 / 17 (0.00%)   |  |
| occurrences (all)                                                   | 1                | 0                |  |
| Psychiatric disorders                                               |                  |                  |  |
| Insomnia                                                            |                  |                  |  |
| subjects affected / exposed                                         | 0 / 21 (0.00%)   | 1 / 17 (5.88%)   |  |
| occurrences (all)                                                   | 0                | 1                |  |
| Investigations                                                      |                  |                  |  |
| Faecal calprotectin increased                                       |                  |                  |  |
| subjects affected / exposed                                         | 0 / 21 (0.00%)   | 2 / 17 (11.76%)  |  |
| occurrences (all)                                                   | 0                | 2                |  |
| Haemoglobin decreased                                               |                  |                  |  |
| subjects affected / exposed                                         | 1 / 21 (4.76%)   | 0 / 17 (0.00%)   |  |
| occurrences (all)                                                   | 1                | 0                |  |
| Injury, poisoning and procedural complications                      |                  |                  |  |

|                                                                                                                                                                                                                                                                                                                                                |                                                                                                       |                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--|
| Immunisation reaction<br>subjects affected / exposed<br>occurrences (all)                                                                                                                                                                                                                                                                      | 0 / 21 (0.00%)<br>0                                                                                   | 1 / 17 (5.88%)<br>1                                                                                     |  |
| Nervous system disorders<br>Sciatica<br>subjects affected / exposed<br>occurrences (all)                                                                                                                                                                                                                                                       | 0 / 21 (0.00%)<br>0                                                                                   | 1 / 17 (5.88%)<br>1                                                                                     |  |
| Blood and lymphatic system disorders<br>Iron deficiency anaemia<br>subjects affected / exposed<br>occurrences (all)<br><br>Anaemia<br>subjects affected / exposed<br>occurrences (all)                                                                                                                                                         | 0 / 21 (0.00%)<br>0<br><br>3 / 21 (14.29%)<br>5                                                       | 1 / 17 (5.88%)<br>1<br><br>3 / 17 (17.65%)<br>3                                                         |  |
| Ear and labyrinth disorders<br>Vertigo<br>subjects affected / exposed<br>occurrences (all)                                                                                                                                                                                                                                                     | 2 / 21 (9.52%)<br>2                                                                                   | 1 / 17 (5.88%)<br>1                                                                                     |  |
| Eye disorders<br>Cataract<br>subjects affected / exposed<br>occurrences (all)                                                                                                                                                                                                                                                                  | 1 / 21 (4.76%)<br>1                                                                                   | 0 / 17 (0.00%)<br>0                                                                                     |  |
| Gastrointestinal disorders<br>Hematochezia<br>subjects affected / exposed<br>occurrences (all)<br><br>Mucous stools<br>subjects affected / exposed<br>occurrences (all)<br><br>Anal incontinence<br>subjects affected / exposed<br>occurrences (all)<br><br>Anal pruritus<br>subjects affected / exposed<br>occurrences (all)<br><br>Dyschezia | 1 / 21 (4.76%)<br>1<br><br>2 / 21 (9.52%)<br>2<br><br>1 / 21 (4.76%)<br>1<br><br>3 / 21 (14.29%)<br>3 | 4 / 17 (23.53%)<br>5<br><br>4 / 17 (23.53%)<br>4<br><br>0 / 17 (0.00%)<br>0<br><br>4 / 17 (23.53%)<br>4 |  |

|                                                 |                |                |  |
|-------------------------------------------------|----------------|----------------|--|
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                               | 1              | 0              |  |
| Flatulence                                      |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                               | 1              | 0              |  |
| Proctalgia                                      |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 0              | 1              |  |
| Ascites                                         |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                               | 1              | 0              |  |
| Rectal ulcer                                    |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                               | 1              | 0              |  |
| Dyspepsia                                       |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 0              | 1              |  |
| Skin and subcutaneous tissue disorders          |                |                |  |
| Dermal cyst                                     |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 0              | 1              |  |
| Skin lesion                                     |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                               | 1              | 0              |  |
| Renal and urinary disorders                     |                |                |  |
| Nephrolithiasis                                 |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 0              | 1              |  |
| Musculoskeletal and connective tissue disorders |                |                |  |
| Rheumatic disorder                              |                |                |  |
| subjects affected / exposed                     | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 0              | 1              |  |
| Infections and infestations                     |                |                |  |
| COVID-19                                        |                |                |  |
| subjects affected / exposed                     | 1 / 21 (4.76%) | 1 / 17 (5.88%) |  |
| occurrences (all)                               | 1              | 1              |  |

|                                     |                |                |  |
|-------------------------------------|----------------|----------------|--|
| Urinary tract infection             |                |                |  |
| subjects affected / exposed         | 1 / 21 (4.76%) | 1 / 17 (5.88%) |  |
| occurrences (all)                   | 1              | 1              |  |
| Pneumonia                           |                |                |  |
| subjects affected / exposed         | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                   | 0              | 1              |  |
| Escherichia urinary tract infection |                |                |  |
| subjects affected / exposed         | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                   | 1              | 0              |  |
| Staphylococcal skin infection       |                |                |  |
| subjects affected / exposed         | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                   | 1              | 0              |  |
| Bronchitis                          |                |                |  |
| subjects affected / exposed         | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                   | 1              | 0              |  |
| Helicobacter gastritis              |                |                |  |
| subjects affected / exposed         | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                   | 0              | 1              |  |
| Metabolism and nutrition disorders  |                |                |  |
| Gout                                |                |                |  |
| subjects affected / exposed         | 1 / 21 (4.76%) | 0 / 17 (0.00%) |  |
| occurrences (all)                   | 1              | 0              |  |
| Iron deficiency                     |                |                |  |
| subjects affected / exposed         | 0 / 21 (0.00%) | 1 / 17 (5.88%) |  |
| occurrences (all)                   | 0              | 1              |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment                                                                 |
|------------------|---------------------------------------------------------------------------|
| 06 March 2020    | Monocentric to mulitcentric (addition of 7 sites)                         |
| 05 June 2020     | Addition of 4 sites (including update of CIP)                             |
| 01 February 2022 | Study extension (incl. update of CIP) and principal investigators changes |

Notes:

---

### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

None reported