

ClinicalTrials.gov Protocol and Results Registration System (PRS) Receipt  
Release Date: 03/15/2012

Grantor: CDER IND/IDE Number: 103308 Serial Number:

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## A Study With Pentasa in Patients With Active Crohn's Disease (PEACE)

**This study has been terminated.**  
(Terminated due to poor recruitment)

|   |                         |
|---|-------------------------|
| Sponsor:  | Ferring Pharmaceuticals |
| Collaborators:                                  |                         |
| Information provided by<br>(Responsible Party): | Ferring Pharmaceuticals |
| ClinicalTrials.gov Identifier:                  | NCT00862121             |

### Purpose

The purpose of this trial is to demonstrate that Pentasa administered as a 2 g morning dose and a 4 g evening dose is efficacious in active mild to moderate CD.

| Condition       | Intervention                   | Phase   |
|-----------------|--------------------------------|---------|
| Crohn's Disease | Drug: Pentasa<br>Drug: Placebo | Phase 3 |

Study Type: Interventional

Study Design: Treatment, Parallel Assignment, Double Blind (Subject, Investigator), Randomized, Efficacy Study

Official Title: PENTASA in Active Crohn's Disease: A 10-week, Double-blind, Multi-centre Trial Comparing PENTASA Sachet 6 g/Day (Mesalazine, Mesalamine) With Placebo.

Further study details as provided by Ferring Pharmaceuticals:

Primary Outcome Measure:

- Percentage of Crohn's Disease Activity Index (CDAI) Responders at Week 10. [Time Frame: At Week 10, end of treatment] [Designated as safety issue: No]

The Crohn's Disease Activity Index (CDAI) is a composite score to quantify symptoms of Crohn's disease. It has a range of 0-600; higher scores are worse. A responder is defined as a participant who achieved a reduction in the CDAI score to <150 or a decrease in CDAI score of at least 70.

#### Secondary Outcome Measures:

- Relative Change From Baseline to Week 10 in Fecal Calprotectin [Time Frame: At Week 10, end of treatment] [Designated as safety issue: No]  
Fecal calprotectin is an inflammatory marker for the gastrointestinal tract. Higher values indicate more serious inflammation.
- Relative Change From Baseline to Each Visit in Serum C-reactive Protein (CRP) [Time Frame: Within the 10 week treatment period] [Designated as safety issue: No]  
Serum CRP is a laboratory measure of acute inflammation. Higher values are worse.
- Relative Change From Baseline to Each Visit in Inflammatory Bowel Disease Questionnaire (IBDQ) Score [Time Frame: Within the 10 week treatment period] [Designated as safety issue: No]  
The IBDQ is a measure of the impact of inflammatory bowel disease (IBD) on health-related quality-of-life (HRQL; mood, social activities, daily life, and IBD-related health worries). Higher scores are better; Total IBDQ score can range from 32 (very poor HRQL) to 224 (perfect HRQL).
- Relative Change From Baseline to Each Visit in Work Productivity & Activity Impairment Questionnaire (WPAI\_CD) Score Item 5 (Work Productivity) [Time Frame: Within the 10 week treatment period] [Designated as safety issue: No]  
The WPAI\_CD Item 5 measures the impact of Crohn's disease on work productivity (while working). The score is recorded by the patient on a visual analog scale, from 0 to 10. Lower scores are better, while higher scores indicate greater negative effect on work productivity.
- Relative Change From Baseline to Week 10 in Estimated Creatinine Clearance [Time Frame: At Week 10, end of treatment] [Designated as safety issue: Yes]  
A lower creatinine clearance indicates worsening of renal function. Creatinine clearance was estimated from serum creatinine levels, using the Cockcroft-Gault formula.

Enrollment: 20

Study Start Date: April 2009

Primary Completion Date: October 2010

Study Completion Date: October 2010

| Arms  | Assigned Interventions   |
|---|--|
| Experimental: Mesalazine<br>Mesalazine (Mesalamine) 2 g sachet; 6 g daily               | Drug: Pentasa<br>6 g/day orally, 2 g in the morning and 4 g in the evening |
| Placebo Comparator: Placebo<br>Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily | Drug: Placebo<br>6 g/day orally, 2 g in the morning and 4 g in the evening |

## Eligibility

Ages Eligible for Study: 18 Years and older

Genders Eligible for Study: Both

Accepts Healthy Volunteers: No

### Criteria

Inclusion Criteria (main):

- Age: at least 18 years
- CD symptoms/onset of disease:  $\geq 3$  months prior to Visit 1
- Ileal, ileo-colonic or colonic non-stricturing/non-penetrating disease
- A confirmed location of CD (by MRI, X-ray (small bowel and/or colon), and/or endoscopy)
- A Harvey-Bradshaw score between 5 and 12
- Males and non-pregnant, non-nursing women
- Mild to moderate active CD, defined by a CDAI score between 180 and 350
- Active inflammatory disease (C-Reactive Protein (CRP) level above or equal to 5 mg/L), or a biopsy verified inflammation, or fecal calprotectin level above or equal to 50  $\mu\text{g/g}$ )
- Estimated creatinine clearance should be above 75 ml/min

#### Exclusion Criteria (main):

- Any significant disease or disorder which, in the opinion of the Investigator, may either put the patient at risk because of participation in the trial, or may influence the results of the trial or the patient's ability to participate in the trial
- CD located to the upper gastrointestinal tract and/or jejunal part of the small intestine, and/or to colon below the left colon flexure and/or isolated proctitis and/or anal disease
- Prior treatment resistance to Pentasa (mesalazine)
- Chronic, dominant arthralgia or rheumatoid arthritis
- Palpable abdominal mass
- Biologics (eg anti-TNF- $\alpha$ ) must not be used during the trial or 6 months before Visit 1
- Continuous usage of systemic steroids (excluding budesonide) for 3 months or more within the past year
- Positive pregnancy test

## Contacts and Locations

#### Locations

United States, California  
 Gold Clinical Research  
 Beverly Hills, California, United States  
 North County Gastroenterology  
 Oceanside, California, United States  
 San Diego Clinical Trials  
 San Diego, California, United States  
 United States, Colorado  
 Rocky Mountain Gastroenterology Associates  
 Denver, Colorado, United States  
 United States, Florida  
 Clinical Research of West Florida  
 Clearwater, Florida, United States  
 Southeastern Integrated Medical, PL dba Florida Medical Research, Suite 17  
 Gainesville, Florida, United States  
 United States, Georgia  
 Atlanta Gastroenterology Specialists  
 John's Creek, Georgia, United States

United States, Iowa  
Gastrointestinal Clinic of Quad Cities  
Davenport, Iowa, United States

United States, Kansas  
Wichita Clinic PA  
Wichita, Kansas, United States

United States, Montana  
Center for Digestive and Liver Disease, Inc  
Mexico, Montana, United States

United States, New Jersey  
CRI Worldwide  
Mt. Laurel, New Jersey, United States

United States, New York  
Synergy First Medical  
Brooklyn, New York, United States  
Long Island Clinical Research Associates, LLP  
Great Neck, New York, United States

United States, North Carolina  
Wake Research Associates  
Raleigh, North Carolina, United States

United States, Ohio  
Consultants for Clinical Research Inc.  
Cincinnati, Ohio, United States

United States, Oklahoma  
York Clinical Consulting - Oklahoma  
Oklahoma City, Oklahoma, United States  
Gastroenterology United of Tulsa  
Tulsa, Oklahoma, United States

United States, South Carolina  
Hartwell Research Group, LLC  
Anderson, South Carolina, United States

United States, Texas  
Lexington Clinical Research Associates, PA  
Houston, Texas, United States  
Houston Center for Clinical Research  
Houston, Texas, United States  
Digestive Health Center  
Pasadena, Texas, United States

United States, Utah  
Utah Clinical Trials, LLC  
Salt Lake City, Utah, United States

Belgium  
AZ Klina  
Brasschaat, Belgium  
AZ Sint Elisabeth

Herentals, Belgium  
University Hospital CHU Liège-Sar Tilman  
Liège, Belgium  
CHC Saint Joseph  
Liège, Belgium

Denmark

Aalborg Sygehus  
Aalborg, Denmark  
Herlev University Hospital  
Copenhagen, Denmark  
Med Dep F Gentofte Hospital  
Hellerup, Denmark  
Hvidovre Hospital  
Hvidovre, Denmark  
Amager Hospital  
Kobenhavn S., Denmark  
Køge Hospital  
Koge, Denmark  
Regionshospitalet Randers  
Randers, Denmark  
Regionshospitalet Viborg  
Viborg, Denmark

France

Investigational Site  
Hazebroucq, France  
Investigational Site  
Lille, France  
Clinique de la Sauvegarde  
Lyon, France  
CHU - Hôpital St Louis  
Paris cedex 10, France

Germany

Investigational Site  
Berlin, Germany  
Investigational Site  
Berlin, Germany  
Gemeinschaftspraxis  
Dachau, Germany  
Gemeinschaftspraxis  
Erlangen, Germany  
Investigational Site  
Görlitz, Germany  
Internist Gastroenterologie, Evangelisches Krankenhaus Kalk Akad. Lehrkrankenhaus für die Universität Köln  
Köln, Germany  
Gemeinschaftspraxis

Leipzig, Germany  
Klinikum Leverkusen Medizinische Klinik 2, Klinikum Leverkusen GmbH  
Leverkusen, Germany  
Gemeinschaftspraxis  
Mainz, Germany  
Gemeinschaftspraxis  
Minden, Germany  
Gemeinschaftspraxis für Gastroenterologie  
Münster, Germany  
Gemeinschaftspraxis  
Nürnberg, Germany  
Klinikum der Universität Regensburg, Klinik & Poliklinik für Innere Medizin I  
Regensburg, Germany

Spain

Hospital de Guadalajara  
Guadalajara, Spain  
Hospital Ramon y Cajal  
Madrid, Spain  
Fundación Hospital Alcorcón  
Madrid, Spain  
Hospital General Universitario Gregorio Marañón  
Madrid, Spain  
Corporació Sanitària del Parc Taulí  
Sabadell, Spain  
Hospital Clinico Zaragoza  
Zaragoza, Spain

Sweden

Medicinkliniken, SU/Östra sjukhuset  
Göteborg, Sweden  
Lunds Lasaret  
Lund, Sweden  
UMAS  
Malmö, Sweden  
Kärnsjukhuset Skövde  
Skövde, Sweden  
Sophiahemmet  
Stockholm, Sweden  
Medicinmottagningen, Södersjukhuset  
Stockholm, Sweden  
Karolinska University Hospital  
Stockholm, Sweden  
Varberg Hospital  
Varberg, Sweden

United Kingdom

Addenbrookes Hospital

Cambridge, United Kingdom  
St Thomas' Hospital  
London, United Kingdom  
Chelsea and Westminster Hospital  
London, United Kingdom  
Royal Victoria Infirmary  
Newcastle, United Kingdom  
Royal Gwent Hospital  
Newport, United Kingdom  
John Radcliffe Hospital  
Oxford, United Kingdom  
Royal Hampshire County Hospital  
Winchester, United Kingdom

#### Investigators

Study Director:

Clinical Development Support

Ferring Pharmaceuticals

## More Information

Responsible Party: Ferring Pharmaceuticals

Study ID Numbers: FE999907 CS05

EudraCT no: 2008-002100-26

Health Authority: Belgium: Federal Agency for Medicinal Products and Health Products  
Denmark: Danish Medicines Agency  
France: Afssaps - Agence française de sécurité sanitaire des produits de santé (Saint-Denis)  
Germany: Federal Institute for Drugs and Medical Devices  
Spain: Spanish Agency of Medicines  
Sweden: Medical Products Agency  
United Kingdom: Medicines and Healthcare Products Regulatory Agency  
United States: Food and Drug Administration

## Study Results

## Participant Flow

#### Reporting Groups

|            | Description                                   |
|------------|---|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

|         | Description  |
|---------|--|
| Placebo | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Overall Study

|                               | Mesalazine       | Placebo           |
|-------------------------------|------------------|-------------------|
| Started                       | 8                | 12 <sup>[1]</sup> |
| Full Analysis Set (FAS)       | 7 <sup>[2]</sup> | 11 <sup>[3]</sup> |
| Safety Analysis Set           | 8 <sup>[4]</sup> | 11                |
| Completed                     | 7                | 4                 |
| Not Completed                 | 1                | 8                 |
| Adverse Event                 | 1                | 2                 |
| Lack of Efficacy              | 0                | 3                 |
| Protocol Violation            | 0                | 1                 |
| Exclusion criterion violation | 0                | 1                 |
| Incorrect randomisation       | 0                | 1                 |

[1] Randomised, intent-to-treat (ITT)

[2] One participant had no evaluable post-baseline CDAI score.

[3] One participant randomised in error (no IMP taken).

[4] The participant with no evaluable post-baseline CDAI score was included in the Safety Analysis Set.



## Baseline Characteristics

#### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Baseline Measures

|                        | Mesalazine | Placebo | Total |
|------------------------|------------|---------|-------|
| Number of Participants | 7          | 11      | 18    |
| Age, Categorical       |            |         |       |



|  | Mesalazine  | Placebo     | Total          |
|--|-------------|-------------|----------------|
| [units: participants]  |             |             |                |
| <=18 years   | 0           | 0           | 0              |
| Between 18 and 65 years  | 7           | 11          | 18             |
| >=65 years   | 0           | 0           | 0              |
| Age, Continuous<br>[units: years]<br>Mean (Standard Deviation) | 37.6 (13.2) | 37.5 (12.6) | 37.5<br>(12.4) |
| Gender, Male/Female<br>[units: participants]                   |             |             |                |
| Female   | 6           | 8           | 14             |
| Male   | 1           | 3           | 4              |
| Region of Enrollment<br>[units: participants]                  |             |             |                |
| France   | 0           | 1           | 1              |
| United States  | 3           | 6           | 9              |
| Belgium  | 0           | 1           | 1              |
| Denmark  | 0           | 1           | 1              |
| Germany  | 4           | 2           | 6              |
| United Kingdom   | 0           | 1           | 1              |
| Sweden   | 1           | 0           | 1              |

## Outcome Measures

### 1. Primary Outcome Measure:

|                     |  |
|---------------------|--|
| Measure Title       | Percentage of Crohn's Disease Activity Index (CDAI) Responders at Week 10.   |
| Measure Description | The Crohn's Disease Activity Index (CDAI) is a composite score to quantify symptoms of Crohn's disease. It has a range of 0-600; higher scores are worse. A responder is defined as a participant who achieved a reduction in the CDAI score to <150 or a decrease in CDAI score of at least 70. |
| Time Frame          | At Week 10, end of treatment   |
| Safety Issue?       | No   |

## Analysis Population Description

The percentage of CDAI responders at Week 10 was analysed for the FAS (treated participants with post-baseline CDAI), Last Observation Carried Forward (LOCF).

## Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

## Measured Values

|   | Mesalazine | Placebo |
|---|------------|---------|
| Number of Participants Analyzed   | 7          | 11      |
| Percentage of Crohn's Disease Activity Index (CDAI) Responders at Week 10.<br>[units: percentage of participants] | 43         | 55      |

## Statistical Analysis 1 for Percentage of Crohn's Disease Activity Index (CDAI) Responders at Week 10.

|                                |  |  |
|--------------------------------|--|--|
| Statistical Analysis Overview  | Comparison Groups                        | Mesalazine, Placebo  |
|                                | Comments                                 | The odds ratio (OR) for Baseline CDAI measures the effect of an increase of one unit on the outcome. The OR [95% CI] and p-value (likelihood-based) are for Pentasa versus placebo estimated in a logistic regression analysis including TREATMENT and CDAI at baseline as covariates. Power to demonstrate superiority of PENTASA Sachet 6 g/day over placebo in the primary efficacy analysis was 90% for a planned sample size of 255 participants per treatment arm (assuming 10% nonassessable participants). |
|                                | Non-Inferiority or Equivalence Analysis? | No   |
|                                | Comments                                 | [Not specified]  |
| Statistical Test of Hypothesis | P-Value                                  | 0.231  |
|                                | Comments                                 | [Not specified]  |
|                                | Method                                   | Regression, Logistic   |
|                                | Comments                                 | [Not specified]  |
| Method of Estimation           | Estimation Parameter                     | Odds Ratio (OR)  |
|                                | Estimated Value                          | 0.212  |

|  |                     |                                 |
|--|---------------------|---------------------------------|
|  | Confidence Interval | (2-Sided) 95%<br>0.017 to 2.683 |
|  | Estimation Comments | [Not specified]                 |

## 2. Secondary Outcome Measure:

|                     |  |
|---------------------|--|
| Measure Title       | Relative Change From Baseline to Week 10 in Fecal Calprotectin   |
| Measure Description | Fecal calprotectin is an inflammatory marker for the gastrointestinal tract. Higher values indicate more serious inflammation. |
| Time Frame          | At Week 10, end of treatment   |
| Safety Issue?       | No   |

## Analysis Population Description

Full Analysis Set (FAS), observed cases (OC), descriptive statistics only.

## Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

## Measured Values

|   | Mesalazine      | Placebo           |
|---|-----------------|-------------------|
| Number of Participants Analyzed   | 7               | 11                |
| Relative Change From Baseline to Week 10 in Fecal Calprotectin<br>[units: microgram/gram faeces]<br>Mean (Standard Deviation) |                 |                   |
| Baseline  | 244.5 (212.09)  | 362 (311.57)      |
| Week 10   | 181.57 (216.15) | 1180.17 (2295.34) |

## 3. Secondary Outcome Measure:

|                     |   |
|---------------------|---|
| Measure Title       | Relative Change From Baseline to Each Visit in Serum C-reactive Protein (CRP)     |
| Measure Description | Serum CRP is a laboratory measure of acute inflammation. Higher values are worse. |

|               |                                     |
|---------------|-------------------------------------|
| Time Frame    | Within the 10 week treatment period |
| Safety Issue? | No                                  |

#### Analysis Population Description

Full Analysis Set (OC). Descriptive statistics only.

#### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Measured Values

|   | Mesalazine  | Placebo      |
|---|-------------|--------------|
| Number of Participants Analyzed   | 7           | 11           |
| Relative Change From Baseline to Each Visit in Serum C-reactive Protein (CRP)<br>[units: mg/L]<br>Mean (Standard Deviation) |             |              |
| Baseline  | 8.23 (5.71) | 10.25 (6.96) |
| Week 10   | 7.76 (6)    | 9.48 (8.41)  |

#### 4. Secondary Outcome Measure:

|                     |   |
|---------------------|---|
| Measure Title       | Relative Change From Baseline to Each Visit in Inflammatory Bowel Disease Questionnaire (IBDQ) Score  |
| Measure Description | The IBDQ is a measure of the impact of inflammatory bowel disease (IBD) on health-related quality-of-life (HRQL; mood, social activities, daily life, and IBD-related health worries). Higher scores are better; Total IBDQ score can range from 32 (very poor HRQL) to 224 (perfect HRQL). |
| Time Frame          | Within the 10 week treatment period   |
| Safety Issue?       | No  |

#### Analysis Population Description

Full Analysis Set (OC). Descriptive statistics only.

#### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Measured Values

|  | Mesalazine     | Placebo        |
|--|----------------|----------------|
| Number of Participants Analyzed  | 7              | 11             |
| Relative Change From Baseline to Each Visit in Inflammatory Bowel Disease Questionnaire (IBDQ) Score<br>[units: IBDQ score]<br>Mean (Standard Deviation) |                |                |
| Baseline   | 138.57 (32.07) | 130.27 (29.32) |
| Week 10  | 164 (24.99)    | 121.88 (39.96) |

#### 5. Secondary Outcome Measure:

|                     |  |
|---------------------|--|
| Measure Title       | Relative Change From Baseline to Each Visit in Work Productivity & Activity Impairment Questionnaire (WPAI_CD) Score Item 5 (Work Productivity)  |
| Measure Description | The WPAI_CD Item 5 measures the impact of Crohn's disease on work productivity (while working). The score is recorded by the patient on a visual analog scale, from 0 to 10. Lower scores are better, while higher scores indicate greater negative effect on work productivity. |
| Time Frame          | Within the 10 week treatment period  |
| Safety Issue?       | No   |

#### Analysis Population Description

Full Analysis Set (OC). Descriptive statistics only.

#### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Measured Values

|   | Mesalazine  | Placebo    |
|---|-------------|------------|
| Number of Participants Analyzed   | 7           | 11         |
| Relative Change From Baseline to Each Visit in Work Productivity & Activity Impairment Questionnaire (WPAI_CD) Score Item 5 (Work Productivity)<br>[units: WPAI_CD Item 5 score]<br>Mean (Standard Deviation) |             |            |
| Baseline  | 4.17 (3.25) | 5 (2.33)   |
| Week 10   | 1.83 (1.47) | 4.4 (2.07) |

#### 6. Secondary Outcome Measure:

|                     |   |
|---------------------|---|
| Measure Title       | Relative Change From Baseline to Week 10 in Estimated Creatinine Clearance  |
| Measure Description | A lower creatinine clearance indicates worsening of renal function. Creatinine clearance was estimated from serum creatinine levels, using the Cockcroft-Gault formula. |
| Time Frame          | At Week 10, end of treatment  |
| Safety Issue?       | Yes   |

#### Analysis Population Description

Safety Analysis Set (OC). Descriptive statistics only.

#### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

#### Measured Values

|  | Mesalazine     | Placebo        |
|--|----------------|----------------|
| Number of Participants Analyzed  | 8              | 11             |
| Relative Change From Baseline to Week 10 in Estimated Creatinine Clearance<br>[units: mL/min]<br>Mean (Standard Deviation) |                |                |
| Baseline   | 122.63 (26.91) | 102.55 (24.13) |

|         | Mesalazine  | Placebo        |
|---------|-------------|----------------|
| Week 10 | 124 (32.14) | 105.11 (31.09) |

## Reported Adverse Events

|                        |                 |
|------------------------|-----------------|
| Time Frame             | [Not specified] |
| Additional Description | [Not specified] |

### Reporting Groups

|            | Description  |
|------------|--|
| Mesalazine | Mesalazine (Mesalamine) 2 g sachet; 6 g daily            |
| Placebo    | Placebo to Mesalazine (Mesalamine) 2 g sachet; 6 g daily |

### Serious Adverse Events

|       | Mesalazine           |          | Placebo              |          |
|-------|----------------------|----------|----------------------|----------|
|       | Affected/At Risk (%) | # Events | Affected/At Risk (%) | # Events |
| Total | 0/8 (0%)             |          | 0/11 (0%)            |          |

### Other Adverse Events

Frequency Threshold Above Which Other Adverse Events are Reported: 5%

|                                      | Mesalazine           |          | Placebo              |          |
|--------------------------------------|----------------------|----------|----------------------|----------|
|                                      | Affected/At Risk (%) | # Events | Affected/At Risk (%) | # Events |
| Total                                | 5/8 (62.5%)          |          | 7/11 (63.64%)        |          |
| Blood and lymphatic system disorders |                      |          |                      |          |
| Lymphadenopathy <sup>A</sup>         | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Gastrointestinal disorders           |                      |          |                      |          |
| Abdominal pain <sup>B</sup>          | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Abdominal tenderness <sup>B</sup>    | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 2        |

|   | Mesalazine           |          | Placebo              |          |
|---|----------------------|----------|----------------------|----------|
|   | Affected/At Risk (%) | # Events | Affected/At Risk (%) | # Events |
| Constipation <sup>B</sup>                       | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Diarrhoea <sup>B</sup>                          | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Gastric disorder <sup>B</sup>                   | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Gastrointestinal hypermotility <sup>B</sup>     | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Haemorrhoidal haemorrhage <sup>B</sup>          | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Nausea <sup>B</sup>                             | 1/8 (12.5%)          | 1        | 1/11 (9.09%)         | 1        |
| Infections and infestations                     |                      |          |                      |          |
| Lower respiratory tract infection <sup>B</sup>  | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Sinusitis <sup>B</sup>                          | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Urinary tract infection <sup>B</sup>            | 1/8 (12.5%)          | 1        | 1/11 (9.09%)         | 1        |
| Musculoskeletal and connective tissue disorders |                      |          |                      |          |
| Bursitis <sup>B</sup>                           | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Nervous system disorders                        |                      |          |                      |          |
| Headache <sup>B</sup>                           | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Psychiatric disorders                           |                      |          |                      |          |
| Depression <sup>B</sup>                         | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 1        |
| Renal and urinary disorders                     |                      |          |                      |          |
| Pollakiuria <sup>B</sup>                        | 1/8 (12.5%)          | 1        | 0/11 (0%)            | 0        |
| Skin and subcutaneous tissue disorders          |                      |          |                      |          |
| Pruritus <sup>B</sup>                           | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 4        |
| Rash <sup>B</sup>                               | 0/8 (0%)             | 0        | 1/11 (9.09%)         | 3        |

A Term from vocabulary, MedDRA 12.0

B Term from vocabulary, MedDRA (12.0)



## Limitations and Caveats

Early termination led to small number of participants (20/510; actual/planned). Only the primary efficacy outcome was subject to formal statistical analysis. No conclusions could be drawn on primary and secondary efficacy analyses.

## More Information

### Certain Agreements:

Principal Investigators are NOT employed by the organization sponsoring the study.

There IS an agreement between the Principal Investigator and the Sponsor (or its agents) that restricts the PI's rights to discuss or publish trial results after the trial is completed.

The only disclosure restriction on the PI is that the sponsor can review the draft manuscript prior to publication and can request delay of publication where any contents are deemed patentable by the sponsor or confidential to the sponsor. Comments will be given within four weeks from receipt of the draft manuscript. Additional time may be required to allow Ferring to seek patent protection of the invention.

### Results Point of Contact:

Name/Official Title: Ferring Pharmaceuticals

Organization: Clinical Development Support

Phone:

Email: [DK0-Disclosure@ferring.com](mailto:DK0-Disclosure@ferring.com)