



Clinical trial results:

A multicentre, randomised, double-blind, two arm, parallel group, pilot study to assess the effect of Gaviscon® Double Action Mint as add-on therapy in GORD patients with inadequate response to once daily proton pump inhibitor treatment.

Summary

| | |
|--------------------------|----------------|
| EudraCT number | 2012-004470-25 |
| Trial protocol | GB |
| Global end of trial date | 23 August 2013 |

Results information

| | |
|--------------------------------|--------------|
| Result version number | v1 (current) |
| This version publication date | 11 June 2017 |
| First version publication date | 11 June 2017 |

Trial information

Trial identification

| | |
|-----------------------|--------|
| Sponsor protocol code | GA1214 |
|-----------------------|--------|

Additional study identifiers

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

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | Reckitt Benckiser Healthcare (UK) Ltd |
| Sponsor organisation address | Dansom Lane, Hull, United Kingdom, HU8 7DS |
| Public contact | Medical Director, Gastroenterology, Reckitt Benckiser, +44 1482 326151, |
| Scientific contact | Medical Director, Gastroenterology, Reckitt Benckiser, +44 1482 326151, |

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 | 16 May 2014 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 23 August 2013 |
| Global end of trial reached? | Yes |
| Global end of trial date | 23 August 2013 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective of this pilot study is to assess the efficacy of Gaviscon® Double Action Mint compared with Matched Placebo Liquid in the suppression of GORD symptoms in patients whose symptoms are inadequately controlled by once daily PPI therapy alone.

Protection of trial subjects:

This study was conducted in accordance with the International Conference on Harmonisation (ICH) Good Clinical Practice (GCP) and the ethical principles contained within the Declaration of Helsinki, as referenced in EU Directive 2001/20/EC.

Background therapy: -

Evidence for comparator: -

| | |
|---|---------------|
| Actual start date of recruitment | 14 March 2013 |
| 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 | United Kingdom: 52 |
| Worldwide total number of subjects | 52 |
| EEA total number of subjects | 52 |

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) | 51 |
| From 65 to 84 years | 1 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

The trial was conducted in 1 centre in the United Kingdom.

Pre-assignment

Screening details:

A total of 83 participants were screened of which 31 subjects were screen failures and 52 were randomised.

Period 1

| | |
|------------------------------|--------------------------------|
| Period 1 title | Overall trial (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 |
| Arm title | Placebo |

Arm description:

Placebo 20 ml by mouth 4 times a day for 7 days.

| | |
|--|-----------------|
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Oral suspension |
| Routes of administration | Oral use |

Dosage and administration details:

20 ml taken 4 times a day for 7 days.

| | |
|------------------|-----------------------------|
| Arm title | Gaviscon Double Action Mint |
|------------------|-----------------------------|

Arm description:

Gaviscon Double Action Mint 20 ml by mouth 4 times a day for 7 days.

| | |
|--|-----------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Gaviscon Double Action Mint |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Oral suspension |
| Routes of administration | Oral use |

Dosage and administration details:

20 ml taken 4 times a day for 7 days.

| Number of subjects in period 1 | Placebo | Gaviscon Double Action Mint |
|---------------------------------------|---------|--------------------------------|
| Started | 26 | 26 |
| Completed | 26 | 26 |

Baseline characteristics

Reporting groups

| | |
|--|-----------------------------|
| Reporting group title | Placebo |
| Reporting group description: Placebo 20 ml by mouth 4 times a day for 7 days. | |
| Reporting group title | Gaviscon Double Action Mint |
| Reporting group description: Gaviscon Double Action Mint 20 ml by mouth 4 times a day for 7 days. | |

| Reporting group values | Placebo | Gaviscon Double Action Mint | Total |
|--|---------|-----------------------------|-------|
| Number of subjects | 26 | 26 | 52 |
| Age categorical | | | |
| ITT population | | | |
| Units: Subjects | | | |
| Adults (18-64 years) | 25 | 26 | 51 |
| From 65-84 years | 1 | 0 | 1 |
| Age continuous | | | |
| Intent-to-treat(ITT) population: All patients who were recruited to the study and had at least one day of complete heartburn and dyspepsia data post-baseline. This population was used for summaries of efficacy and baseline data. | | | |
| Units: years | | | |
| arithmetic mean | 45.3 | 45.4 | |
| standard deviation | ± 12.32 | ± 10.7 | - |
| Gender categorical | | | |
| ITT population | | | |
| Units: Subjects | | | |
| Female | 14 | 8 | 22 |
| Male | 12 | 18 | 30 |
| Race | | | |
| ITT population | | | |
| Units: Subjects | | | |
| Caucasian | 26 | 26 | 52 |
| Smoking habits (last 3 months) | | | |
| ITT population | | | |
| Units: Subjects | | | |
| Non-smoker | 14 | 20 | 34 |
| Smoker | 12 | 6 | 18 |
| Alcohol use | | | |
| ITT population | | | |
| Units: Subjects | | | |
| Non-drinker | 26 | 26 | 52 |
| Drinker | 0 | 0 | 0 |
| Drugs of abuse (last 3 months) | | | |
| IIT population | | | |
| Units: Subjects | | | |
| No | 26 | 26 | 52 |
| Yes | 0 | 0 | 0 |

| | | | |
|--------------------------|---------|---------|---|
| Body Mass Index (BMI) | | | |
| ITT population | | | |
| Units: kg/m ² | | | |
| arithmetic mean | 30.41 | 30.09 | |
| standard deviation | ± 6.214 | ± 6.074 | - |

End points

End points reporting groups

| | |
|--|-----------------------------|
| Reporting group title | Placebo |
| Reporting group description: Placebo 20 ml by mouth 4 times a day for 7 days. | |
| Reporting group title | Gaviscon Double Action Mint |
| Reporting group description: Gaviscon Double Action Mint 20 ml by mouth 4 times a day for 7 days. | |

Primary: Change in mean HRDQ Score - Heartburn and Regurgitation Combined from baseline

| | |
|--|--|
| End point title | Change in mean HRDQ Score - Heartburn and Regurgitation Combined from baseline |
| End point description: ITT Population | |
| Heartburn Regurgitation and Dyspepsia Questionnaire (HRDQ): HRDQ is a self-assessed patient questionnaire designed to measure and evaluate specific GORD symptoms of heartburn, regurgitation and dyspepsia. Night time events and duration of symptoms were also assessed. The daily score is calculated as intensity x frequency, where intensity is scored as 0 = none, 1 = mild, 2 = moderate and 3 = severe and frequency was scored as 0 = none, 1 = once, 2 = twice, 3 = thrice, 4 = 4 or 5 times, 5 = 6 – 10 times and 6 = more than 10 times per day or constant. | |
| A HRDQ score of 0 represents no symptoms and a HRDQ score of 36 represents the highest frequency/severity of symptoms of heartburn and regurgitation combined. | |
| End point type | Primary |
| End point timeframe: From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 9.09 (± 5.74) | 8.91 (± 5.34) | | |
| Visit 3, Post-baseline | 5.38 (± 4.81) | 3.19 (± 3.23) | | |
| Change from baseline to post-baseline | -3.7 (± 4.22) | -5.72 (± 3.52) | | |

Statistical analyses

| | |
|----------------------------|--|
| Statistical analysis title | Change in HRDQ Score - Heartburn and Regurgitation |
| Comparison groups | Placebo v Gaviscon Double Action Mint |

| | |
|---|---------------|
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.012 |
| Method | ANCOVA |

Secondary: Change From Baseline in HRDQ Score – Heartburn

| | |
|---|--|
| End point title | Change From Baseline in HRDQ Score – Heartburn |
| End point description: | |
| ITT Population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 5.5 (± 3.39) | 5.23 (± 3.51) | | |
| Visit 3, Post-baseline | 3.2 (± 2.78) | 1.88 (± 1.99) | | |
| Change from baseline to post-baseline | -2.3 (± 2.56) | -3.35 (± 2.52) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in HRDQ Score - Heartburn |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0208 |
| Method | ANCOVA |

Secondary: Change From Baseline in HRDQ Score – Regurgitation

| | |
|---|--|
| End point title | Change From Baseline in HRDQ Score – Regurgitation |
| End point description: | |
| ITT population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 3.59 (± 2.64) | 3.68 (± 2.88) | | |
| Visit 3, Post-baseline | 2.19 (± 2.18) | 1.31 (± 1.41) | | |
| Change from baseline to post-baseline | -1.4 (± 2.02) | -2.37 (± 2.02) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in HRDQ Score - Regurgitation |
| Comparison groups | Gaviscon Double Action Mint v Placebo |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0181 |
| Method | ANCOVA |

Secondary: Change From Baseline in HRDQ Score – Dyspepsia

| | |
|---|--|
| End point title | Change From Baseline in HRDQ Score – Dyspepsia |
| End point description: | |
| ITT population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 3.98 (± 3.41) | 3.32 (± 3.78) | | |
| Visit 3, Post-baseline | 2.02 (± 2.36) | 1.5 (± 2.24) | | |
| Change from baseline to post-baseline | -1.96 (± 2.7) | -1.82 (± 2.09) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in HRDQ Score - Dyspepsia |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.6357 |
| Method | ANCOVA |

Secondary: Change From Baseline in Frequency of Heartburn (HRDQ Score)

| | |
|---|---|
| End point title | Change From Baseline in Frequency of Heartburn (HRDQ Score) |
| End point description: ITT population | |
| End point type | Secondary |
| End point timeframe: From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Number of Events | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 2.97 (± 1.41) | 2.86 (± 1.53) | | |
| Visit 3, Post-baseline | 2.07 (± 1.45) | 1.38 (± 1.19) | | |
| Change from baseline to post-baseline | -0.9 (± 1.03) | -1.47 (± 1.1) | | |

Statistical analyses

| | |
|-----------------------------------|---|
| Statistical analysis title | Change in HRDQ Score - Frequency of Heartburn |
| Comparison groups | Placebo v Gaviscon Double Action Mint |

| | |
|---|---------------|
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0229 |
| Method | ANCOVA |

Secondary: Change From Baseline in Frequency of Regurgitation (HRDQ Score)

| | |
|---|---|
| End point title | Change From Baseline in Frequency of Regurgitation (HRDQ Score) |
| End point description: | |
| ITT population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Number of Events | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 1.97 (± 1.27) | 2.04 (± 1.18) | | |
| Visit 3, Post-baseline | 1.47 (± 1.28) | 0.97 (± 0.91) | | |
| Change from baseline to post-baseline | -0.5 (± 0.88) | -1.06 (± 0.82) | | |

Statistical analyses

| | |
|---|---|
| Statistical analysis title | Change in HRDQ Score - Frequency of Regurgitation |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0125 |
| Method | ANCOVA |

Secondary: Change From Baseline in Frequency of Dyspepsia (HRDQ Score)

| | |
|------------------------|---|
| End point title | Change From Baseline in Frequency of Dyspepsia (HRDQ Score) |
| End point description: | |
| ITT population | |
| End point type | Secondary |

End point timeframe:

From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10)

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|---------------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Number of Events | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 2.26 (\pm 1.66) | 1.82 (\pm 1.59) | | |
| Visit 3, Post-baseline | 1.32 (\pm 1.53) | 1.01 (\pm 1.22) | | |
| Change from baseline to post-baseline | -0.93 (\pm 1.06) | -0.81 (\pm 0.89) | | |

Statistical analyses

| | |
|---|---|
| Statistical analysis title | Change in HRDQ Score - Frequency of Dyspepsia |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.9515 |
| Method | ANCOVA |

Secondary: Change From Baseline in Number of Symptom-Free Days (HRDQ)

| | |
|--|--|
| End point title | Change From Baseline in Number of Symptom-Free Days (HRDQ) |
| End point description: | |
| ITT population | |
| A symptom-free day is defined as a day where the respective symptoms: heartburn, regurgitation and dyspepsia (all derived from the HRDQ) had a value for frequency of 0. | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Days | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 0.38 (± 1.02) | 0.23 (± 0.71) | | |
| Visit 3, Post-baseline | 1.31 (± 1.85) | 1.73 (± 2.28) | | |
| Change from baseline to post-baseline | 0.92 (± 1.5) | 1.5 (± 1.87) | | |

Statistical analyses

| Statistical analysis title | Change in Number of Symptom - Free Days (HRDQ) |
|---|--|
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.1717 |
| Method | ANCOVA |

Secondary: Change in number of symptom-free days (ReQuest)

| | |
|-----------------|---|
| End point title | Change in number of symptom-free days (ReQuest) |
|-----------------|---|

End point description:

ITT population

ReQuest GI is a self-assessed, dimension-orientated scale designed to evaluate treatment response on a daily basis in patients suffering from GORD. The scale assesses 4 dimensions of GORD. Intensity is measured on a 100-mm VAS and frequency on a 7-point Likert scale (0 to 10 times/constant per day).

The range of the ReQuest™ GI score is from 0 reflecting no symptoms to 30.77 reflecting the highest severity/frequency of symptoms.

A symptom-free day is defined as a day where the respective symptoms: acid complaints, upper abdominal/stomach complaints, lower abdominal/digestive complaints and nausea (all derived from ReQuest™) had a value for frequency of 0.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10)

| End point values | Placebo | Gaviscon Double Action Mint | | |
|--------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Days | | | | |
| arithmetic mean (standard deviation) | | | | |

| | | | | |
|---------------------------------------|---------------|---------------|--|--|
| Visit 2, Baseline | 0.73 (± 1.46) | 0.23 (± 0.65) | | |
| Visit 3, Post-baseline | 1.81 (± 2.33) | 1.85 (± 2.4) | | |
| Change from baseline to post-baseline | 1.08 (± 1.83) | 1.62 (± 2.16) | | |

Statistical analyses

| | |
|---|---|
| Statistical analysis title | Change in Number of Symptom - Free Days (ReQuest) |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.3002 |
| Method | ANCOVA |

Secondary: Change From Baseline in Number of Days With Night Time Symptoms

| | |
|---|---|
| End point title | Change From Baseline in Number of Days With Night Time Symptoms |
| End point description: | |
| ITT population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: Days | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 4.31 (± 2.51) | 3.94 (± 2.15) | | |
| Visit 3, Post-baseline | 2.92 (± 2.83) | 2 (± 2.47) | | |
| Change from baseline to post-baseline | -1.38 (± 1.94) | -1.94 (± 2.07) | | |

Statistical analyses

| | |
|-----------------------------------|---|
| Statistical analysis title | Change in Number of Days With Night Time Symptoms |
| Comparison groups | Placebo v Gaviscon Double Action Mint |

| | |
|---|---------------|
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.2458 |
| Method | ANCOVA |

Secondary: Change From Baseline in Duration of Symptoms

| | |
|---|--|
| End point title | Change From Baseline in Duration of Symptoms |
| End point description: | |
| ITT population | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-------------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: minutes | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 188.23 (± 202.47) | 142.85 (± 151.3) | | |
| Visit 3, Post-baseline | 111.52 (± 174.05) | 56.82 (± 87.51) | | |
| Change from baseline to post-baseline | -76.71 (± 105.19) | -86.02 (± 85.73) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in Duration of Symptoms |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.2314 |
| Method | ANCOVA |

Secondary: Change From Baseline in ReQuest GI Scores

| | |
|------------------------|---|
| End point title | Change From Baseline in ReQuest GI Scores |
| End point description: | |
| ITT population | |
| End point type | Secondary |

End point timeframe:

From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10)

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 5.94 (± 5.46) | 6.88 (± 5.91) | | |
| Visit 3, Post-baseline | 3.25 (± 4.21) | 2.49 (± 2.8) | | |
| Change from baseline to post-baseline | -2.69 (± 3.59) | -4.4 (± 3.89) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in ReQuest GI Scores |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0656 |
| Method | ANCOVA |

Secondary: Change in the Patient Satisfaction Score

| | |
|--|--|
| End point title | Change in the Patient Satisfaction Score |
| End point description: | |
| ITT population | |
| Patient satisfaction with medication in controlling their symptoms was assessed in response to the question: Thinking back over the past 7 days and the medication you received, how satisfied are you with the control of your symptoms? The patient was to draw a perpendicular line on a 10-cm VAS, with anchors at 0 = Very Dissatisfied and 10 = Very Satisfied. To assure compliance with the protocol requirements, quality checks on the VAS score measurements were performed by the monitor. | |
| End point type | Secondary |
| End point timeframe: | |
| From Visit 2 (Day 0-Baseline) to Visit 3 (Day 8, 9 or 10) | |

| End point values | Placebo | Gaviscon Double Action Mint | | |
|---------------------------------------|-----------------|-----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 26 | 26 | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Visit 2, Baseline | 2.57 (± 1.66) | 3.11 (± 1.8) | | |
| Visit 3, Post-baseline | 5.26 (± 3.52) | 7.42 (± 2.34) | | |
| Change from baseline to post-baseline | 2.8 (± 4.16) | 4.36 (± 3.14) | | |

Statistical analyses

| | |
|---|---------------------------------------|
| Statistical analysis title | Change in Patient Satisfaction Score |
| Comparison groups | Placebo v Gaviscon Double Action Mint |
| Number of subjects included in analysis | 52 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0101 |
| Method | ANCOVA |

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Up to Visit 3

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 15.1 |
|--------------------|------|

Reporting groups

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

Reporting group description:

Placebo 20 ml by mouth 4 times a day for 7 days.

| | |
|-----------------------|-----------------------------|
| Reporting group title | Gaviscon Double Action Mint |
|-----------------------|-----------------------------|

Reporting group description:

Gaviscon Double Action Mint 20 ml by mouth 4 times a day for 7 days.

| Serious adverse events | Placebo | Gaviscon Double Action Mint | |
|---|----------------|-----------------------------|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 0 / 26 (0.00%) | |
| number of deaths (all causes) | 0 | 0 | |
| number of deaths resulting from adverse events | 0 | 0 | |

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

| Non-serious adverse events | Placebo | Gaviscon Double Action Mint | |
|---|-----------------|-----------------------------|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 5 / 26 (19.23%) | 7 / 26 (26.92%) | |
| Injury, poisoning and procedural complications | | | |
| Accidental overdose | | | |
| subjects affected / exposed | 4 / 26 (15.38%) | 2 / 26 (7.69%) | |
| occurrences (all) | 4 | 2 | |
| Nervous system disorders | | | |
| Headache | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 26 (3.85%) | |
| occurrences (all) | 0 | 1 | |
| Gastrointestinal disorders | | | |

| | | | |
|---|----------------|----------------|--|
| Diarrhoea | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 26 (0.00%) | |
| occurrences (all) | 1 | 0 | |
| Flatulence | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 1 / 26 (3.85%) | |
| occurrences (all) | 1 | 1 | |
| Nausea | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 26 (3.85%) | |
| occurrences (all) | 0 | 1 | |
| Retching | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 26 (3.85%) | |
| occurrences (all) | 0 | 2 | |
| Vomiting | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 26 (3.85%) | |
| occurrences (all) | 0 | 3 | |
| Musculoskeletal and connective tissue disorders | | | |
| Pain in extremity | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 26 (3.85%) | |
| occurrences (all) | 0 | 1 | |
| Infections and infestations | | | |
| Abscess | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 26 (0.00%) | |
| occurrences (all) | 1 | 0 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? No

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported