



## Clinical trial results:

### Vergleich der Wirksamkeit von Medikinet retard mit Concerta bei Kindern mit ADHS

### Comparison of the efficacy of Medikinet® retard with Concerta in children with ADHD

#### Summary

|                          |                |
|--------------------------|----------------|
| EudraCT number           | 2005-003295-38 |
| Trial protocol           | DE             |
| Global end of trial date | 27 March 2009  |

#### Results information

|                                |              |
|--------------------------------|--------------|
| Result version number          | v1 (current) |
| This version publication date  | 20 July 2016 |
| First version publication date | 20 July 2016 |

#### Trial information

##### Trial identification

|                       |              |
|-----------------------|--------------|
| Sponsor protocol code | 6520-0650-07 |
|-----------------------|--------------|

##### Additional study identifiers

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

Notes:

##### Sponsors

|                              |   |
|------------------------------|---|
| Sponsor organisation name    | MEDICE Arzneimittel Pütter GmbH & Co. KG                                    |
| Sponsor organisation address | Kuhloweg 38, Iserlohn, Germany, 58638                                       |
| Public contact               | Medical Department, MEDICE Arzneimittel Pütter GmbH & Co KG, info@medice.de |
| Scientific contact           | Medical Department, MEDICE Arzneimittel Pütter GmbH & Co KG, info@medice.de |

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? | Yes |

Notes:

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**Results analysis stage**

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|  |               |
|--|---------------|
| Analysis stage                                       | Final         |
| Date of interim/final analysis                       | 27 March 2009 |
| Is this the analysis of the primary completion data? | Yes           |
| Primary completion date                              | 27 March 2009 |
| Global end of trial reached?                         | Yes           |
| Global end of trial date                             | 27 March 2009 |
| Was the trial ended prematurely?                     | No            |

Notes:

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**General information about the trial**

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Main objective of the trial:

The aim of this study was to compare Medikinet® retard in various doses with Concerta® in relation to efficacy variables in children with ADHD

Protection of trial subjects:

Safety assessments included of monitoring and recording all adverse events and serious adverse events, the regular measurement of vital signs and using a questionnaire about possible side effects of drugs (ADHS-TAP)

Background therapy: -

Evidence for comparator: -

|   |                |
|---|----------------|
| Actual start date of recruitment                          | 31 August 2006 |
| Long term follow-up planned                               | No             |
| Independent data monitoring committee (IDMC) involvement? | No             |

Notes:

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**Population of trial subjects**

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**Subjects enrolled per country**

|                                      |              |
|--------------------------------------|--------------|
| Country: Number of subjects enrolled | Germany: 113 |
| Worldwide total number of subjects   | 113          |
| EEA total number of subjects         | 113          |

Notes:

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**Subjects enrolled per age group**

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|   |    |
|---|----|
| 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)                     | 81 |
| Adolescents (12-17 years)                 | 32 |
| Adults (18-64 years)                      | 0  |
| From 65 to 84 years                       | 0  |
| 85 years and over                         | 0  |

## Subject disposition

### Recruitment

Recruitment details:

Male and female patients were included aged 6 to 17 years 11 months. A prerequisite was that the patient attended a primary, secondary or special school and had a class teacher, or attended the HEBO School in Bonn or had been attending a hospital school in a paediatric psychiatry clinic for at least 3 weeks.

### Pre-assignment

Screening details:

122 subjects were screened and 113 subjects were enrolled in this study from 9 study center.

### Period 1

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

Blinding implementation details:

For Concerta and Medikinet retard, capsules were made to order so they appeared identically.

### Arms

|                              |                                  |
|------------------------------|----------------------------------|
| Are arms mutually exclusive? | No                               |
| <b>Arm title</b>             | Medikinet retard equivalent dose |

Arm description:

Medikinet retard in a approximately equivalent dose to Concerta per dose per day (20 or 30 mg)

|  |                        |
|--|------------------------|
| Arm type                               | Experimental           |
| Investigational medicinal product name | Medikinet retard 20 mg |
| Investigational medicinal product code |                        |
| Other name                             |                        |
| Pharmaceutical forms                   | Capsule                |
| Routes of administration               | Oral use               |

Dosage and administration details:

20 mg methylphenidate hydrochloride

|  |                        |
|--|------------------------|
| Investigational medicinal product name | Medikinet retard 30 mg |
| Investigational medicinal product code |                        |
| Other name                             |                        |
| Pharmaceutical forms                   | Capsule                |
| Routes of administration               | Oral use               |

Dosage and administration details:

30 mg methylphenidate hydrochloride

|                  |                             |
|------------------|-----------------------------|
| <b>Arm title</b> | Medikinet retard lower dose |
|------------------|-----------------------------|

Arm description:

Medikinet retard in lower daily dose (10 or 20 mg)

|  |                        |
|--|------------------------|
| Arm type                               | Experimental           |
| Investigational medicinal product name | Medikinet retard 20 mg |
| Investigational medicinal product code |                        |
| Other name                             |                        |
| Pharmaceutical forms                   | Capsule                |
| Routes of administration               | Oral use               |

|  |                        |
|--|------------------------|
| Dosage and administration details:<br>20 mg m ethylphenidate hydrochloride |                        |
| Investigational medicinal product name                                     | Medikinet retard 10 mg |
| Investigational medicinal product code                                     |                        |
| Other name   |                        |
| Pharmaceutical forms   | Capsule                |
| Routes of administration   | Oral use               |

Dosage and administration details:  
10 mg methylphenidate hydrochloride

|                  |          |
|------------------|----------|
| <b>Arm title</b> | Concerta |
|------------------|----------|

Arm description:  
Concerta (18 or 36 mg)

|  |                         |
|--|-------------------------|
| Arm type                               | Active comparator       |
| Investigational medicinal product name | Concerta 18 mg or 36 mg |
| Investigational medicinal product code |                         |
| Other name                             |                         |
| Pharmaceutical forms                   | Tablet                  |
| Routes of administration               | Oral use                |

Dosage and administration details:  
18 mg methylphenidatehydrochloride

| <b>Number of subjects in period 1</b> | Medikinet retard equivalent dose | Medikinet retard lower dose | Concerta |
|---------------------------------------|----------------------------------|-----------------------------|----------|
| Started                               | 108                              | 106                         | 110      |
| Completed                             | 106                              | 99                          | 104      |
| Not completed                         | 2                                | 7                           | 6        |
| Adverse event, non-fatal              | -                                | 3                           | 1        |
| Teacher ill                           | -                                | 1                           | -        |
| Lack of compliance of the teacher     | -                                | 1                           | 3        |
| Lack of efficacy                      | 1                                | -                           | -        |
| Protocol deviation                    | 1                                | 2                           | 2        |

## Baseline characteristics

### Reporting groups

|                       |                |
|-----------------------|----------------|
| Reporting group title | Overall Period |
|-----------------------|----------------|

Reporting group description:

86 of 113 patients were male. The mean Age was 10

| Reporting group values  | Overall Period | Total |  |
|-------------------------|----------------|-------|--|
| Number of subjects      | 113            | 113   |  |
| Age categorical         |                |       |  |
| Units: Subjects         |                |       |  |
| Children (6-9)          | 51             | 51    |  |
| Children (10-12)        | 43             | 43    |  |
| Adolescents (13-17)     | 19             | 19    |  |
| Age continuous          |                |       |  |
| Units: years            |                |       |  |
| arithmetic mean         | 10.2           |       |  |
| standard deviation      | ± 2.3          | -     |  |
| Gender categorical      |                |       |  |
| 86 males and 27 females |                |       |  |
| Units: Subjects         |                |       |  |
| Male                    | 86             | 86    |  |
| Female                  | 27             | 27    |  |

## End points

### End points reporting groups

|                                   |  |
|-----------------------------------|--|
| Reporting group title             | Medikinet retard equivalent dose   |
| Reporting group description:      | Medikinet retard in a approximately equivalent dose to Concerta per dose per day (20 or 30 mg)   |
| Reporting group title             | Medikinet retard lower dose  |
| Reporting group description:      | Medikinet retard in lower daily dose (10 or 20 mg)   |
| Reporting group title             | Concerta   |
| Reporting group description:      | Concerta (18 or 36 mg)   |
| Subject analysis set title        | ITT  |
| Subject analysis set type         | Intention-to-treat   |
| Subject analysis set description: | Every patient who had taken the investigational drug at least once and for whom there were data for the pairwise intraindividual comparison relating to a SKAMP-D score was accepted into the cohort for confirmatory analysis. In the following text, deviating from the usual definitions, this sample of 107 patients is called the ITT cohort. If, in tables, smaller numbers of cases than n=107 appear, they refer in each case to the data available for the particular variable. |
| Subject analysis set title        | PP   |
| Subject analysis set type         | Per protocol   |
| Subject analysis set description: | The 91 patients who did not discontinue the study and who could be evaluated as "per protocol" are called the PP cohort in the following text. If, in tables, smaller numbers of cases than n=91 appear, they refer in each case to the data available for the particular variable   |

### Primary: Skamp-D in the first 3 school hours; Test H0A Test for non-inferiority of Medikinet retard in equivalent dose vs. Concerta

|                        |   |
|------------------------|---|
| End point title        | Skamp-D in the first 3 school hours; Test H0A Test for non-inferiority of Medikinet retard in equivalent dose vs. Concerta <sup>[1]</sup>   |
| End point description: | In patients with ADHD, diagnosed using DCL-HKS, an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives the same or insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school, accepting a non-inferiority limit of $\Delta = +0.167$ .<br>The null hypothesis H0A could be ruled out at a level of significance of $\alpha = 0.025$ (one-sided) ( $p < 0.0001$ ; test according to Duchateau et al., 2002). Consequently it could be demonstrated that an approximately equivalent daily dose of Medikinet® retard compared with an appropriate dose of Concerta® gave the same and/or insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school. The one-sided 97.5% confidence interval was ( minus infinity; -0.217).<br>Handling for missing data is described in detail in the free available publication. |
| End point type         | Primary   |
| End point timeframe:   | Baseline and after each visit   |

#### Notes:

[1] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: Due to cross-over design. Almost all patients were included in each Group/Treatment Arm

|                                  |                                  |                    |  |  |
|----------------------------------|----------------------------------|--------------------|--|--|
| <b>End point values</b>          | Medikinet retard equivalent dose | Concerta           |  |  |
| Subject group type               | Reporting group                  | Reporting group    |  |  |
| Number of subjects analysed      | 99 <sup>[2]</sup>                | 101 <sup>[3]</sup> |  |  |
| Units: points                    |                                  |                    |  |  |
| arithmetic mean (standard error) | 0.6 (± 0.06)                     | 0.76 (± 0.05)      |  |  |

Notes:

[2] - Teacher did not complete the SKAMP

[3] - Teacher did not complete the SKAMP

## Statistical analyses

|                                   |  |
|-----------------------------------|--|
| <b>Statistical analysis title</b> | H0A: non-inferiority equivalent dose of Medikinet® |
|-----------------------------------|--|

Statistical analysis description:

Null hypothesis A: H0A

In patients with ADHD, diagnosed using DCL-HKS, an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school, accepting a non-inferiority limit of Delta0.167.

|   |   |
|---|---|
| Comparison groups                       | Medikinet retard equivalent dose v Concerta |
| Number of subjects included in analysis | 200   |
| Analysis specification                  | Pre-specified                               |
| Analysis type                           | non-inferiority <sup>[4]</sup>              |
| P-value                                 | < 0.0001                                    |
| Method                                  | Duchateau 2002                              |
| Parameter estimate                      | Effect estimators                           |
| Confidence interval                     |   |
| level                                   | Other: 97.5 %                               |
| sides                                   | 1-sided                                     |
| upper limit                             | -0.217                                      |

Notes:

[4] - The null hypothesis H0A could be ruled out at a level of significance of alpha=0.025 (one-sided) (p<0.0001; test according to Duchateau et al., 2002). Consequently it could be demonstrated that an approximately equivalent daily dose of Medikinet® retard compared with an appropriate dose of Concerta® gave the same and/or insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school. The one-sided 97.5% confidence interval was (-infinity, -0.217).

## Primary: SKAMP-D in the first 3 school hours H0B1 Test for superiority of Medikinet retard in approximately equivalent daily dose vs. Concerta

|                 |  |
|-----------------|--|
| End point title | SKAMP-D in the first 3 school hours H0B1 Test for superiority of Medikinet retard in approximately equivalent daily dose vs. Concerta <sup>[5]</sup> |
|-----------------|--|

End point description:

In patients with ADHD, diagnosed using DCL-HKS, an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives the same or poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school.

Alternative hypothesis B1: H1B1

In patients with ADHD, diagnosed using DCL-HKS, an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives better results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school.

The null hypothesis H0B1 could be ruled out (p=0.0009; test according to Duchateau et al., 2002). It could thus be shown that an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives better results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school.

Handling for missing data is described in detail in the free available publication.

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

End point timeframe:  
reported at each visit

Notes:

[5] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: Due to cross-over design. Almost all patients were included in each Group/Treatment Arm

| <b>End point values</b>          | Medikinet retard equivalent dose | Concerta           |  |  |
|----------------------------------|----------------------------------|--------------------|--|--|
| Subject group type               | Reporting group                  | Reporting group    |  |  |
| Number of subjects analysed      | 99 <sup>[6]</sup>                | 101 <sup>[7]</sup> |  |  |
| Units: points                    |                                  |                    |  |  |
| arithmetic mean (standard error) | 0.6 ( $\pm$ 0.06)                | 0.76 ( $\pm$ 0.05) |  |  |

Notes:

[6] - Teacher did not complete the SKAMP

[7] - Teacher did not complete the SKAMP

## Statistical analyses

| <b>Statistical analysis title</b> | H0B1 Medikinet ret.in equivalent dose vs. Concerta |
|-----------------------------------|--|
|-----------------------------------|--|

Statistical analysis description:

Once the non-inferiority (hypotheses A) could be shown, hypothesis B1 (the superiority of the virtually equivalent daily dose of Medikinet® retard over an appropriate dose of Concerta®) and hypothesis B2 (the non-inferiority of the lower daily dose of Medikinet® retard to an appropriate dose of Concerta® with a non-inferiority limit of  $=0.167$ ) were tested hierarchically, for the primary parameter, the SKAMP-D teacher ratings taken as mean values for the first 3 hours of school.

|   |   |
|---|---|
| Comparison groups                       | Concerta v Medikinet retard equivalent dose |
| Number of subjects included in analysis | 200   |
| Analysis specification                  | Pre-specified                               |
| Analysis type                           | superiority <sup>[8]</sup>                  |
| P-value                                 | $= 0.0009$                                  |
| Method                                  | Duchateau                                   |

Notes:

[8] - The null hypothesis H0B1 could be ruled out ( $p=0.0009$ ; test according to Duchateau et al., 2002). It could thus be shown that an equivalent dose of Medikinet® retard compared with an appropriate dose of Concerta® gives better results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school.

## Primary: Skamp-D in the first 3 school hours H0B2 Test for non-inferiority of Medikinet retard in the reduced daily dose vs. Concerta

|                 |   |
|-----------------|---|
| End point title | Skamp-D in the first 3 school hours H0B2 Test for non-inferiority of Medikinet retard in the reduced daily dose vs. Concerta <sup>[9]</sup> |
|-----------------|---|

End point description:

In patients with ADHD, diagnosed using DCL-HKS, a lower dose of Medikinet® retard compared with an appropriate dose of Concerta® gives the same or insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school, accepting a non-inferiority limit of  $\Delta = 0.167$ .

The null hypothesis H0B2 could be ruled out ( $p=0.0001$ ; test according to Duchateau et al., 2002). It could thus be shown that a lower dose of Medikinet® retard gives the same or only insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school. The one-sided 97.5% confidence interval was (minus infinity;  $+ 0.051$ ).

To sum up it can be said that all the null hypotheses were rejected in the confirmatory analysis and that Medikinet® retard proved to be - at least in the first 3 hours of school and referring to the SKAMP-D - as effective as Concerta®.

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

End point timeframe:

reported at each visit

Notes:

[9] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: Due to cross-over design. Almost all patients were included in each Group/Treatment Arm

| <b>End point values</b>          | Medikinet retard lower dose | Concerta            |  |  |
|----------------------------------|-----------------------------|---------------------|--|--|
| Subject group type               | Reporting group             | Reporting group     |  |  |
| Number of subjects analysed      | 104 <sup>[10]</sup>         | 101 <sup>[11]</sup> |  |  |
| Units: points                    |                             |                     |  |  |
| arithmetic mean (standard error) | 0.67 (± 0.06)               | 0.76 (± 0.05)       |  |  |

Notes:

[10] - Teacher did not complete the SKAMP

[11] - Teacher did not complete the SKAMP

## Statistical analyses

| <b>Statistical analysis title</b> | H0B2 Medikinet retard in reduced dose vs. Concerta |
|-----------------------------------|--|
|-----------------------------------|--|

Statistical analysis description:

In patients with ADHD, diagnosed using DCL-HKS, a lower dose of Medikinet® retard compared with an appropriate dose of Concerta® gives poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school, accepting a non-inferiority limit of  $\Delta = 0.167$ .

|   |  |
|---|--|
| Comparison groups                       | Medikinet retard lower dose v Concerta |
| Number of subjects included in analysis | 205                                    |
| Analysis specification                  | Pre-specified                          |
| Analysis type                           | non-inferiority <sup>[12]</sup>        |
| P-value                                 | < 0.0001                               |
| Method                                  | Duchateau 2002                         |
| Confidence interval                     |  |
| level                                   | Other: 97.4 %                          |
| sides                                   | 1-sided                                |
| upper limit                             | 0.051                                  |

Notes:

[12] - The null hypothesis H0B2 could be ruled out ( $p=0.0001$ ; test according to Duchateau et al., 2002). It could thus be shown that a lower dose of Medikinet® retard compared with an appropriate dose of Concerta® gives the same or only insignificantly poorer results in SKAMP-D teacher ratings taken as mean values over the first 3 hours of school. The one-sided 97.5% confidence interval was (minus infinity, + 0.051).

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:  
overall including baseline

Adverse event reporting additional description:

In addition to the AEs documented by the doctors, side effects were systematically recorded using the ADHD-TAP. These weekly rating forms for the teachers and parents contain the essential aspects of the Observer Rating form for ADHD, the Observer Rating form for Social Conduct Disorders and the Side Effect Rating Scale. These are not reported here

|                 |                |
|-----------------|----------------|
| Assessment type | Non-systematic |
|-----------------|----------------|

### Dictionary used

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

|                    |      |
|--------------------|------|
| Dictionary version | 12.0 |
|--------------------|------|

### Reporting groups

|                       |                                     |
|-----------------------|-------------------------------------|
| Reporting group title | Medikinet retard in equivalent dose |
|-----------------------|-------------------------------------|

Reporting group description: -

|                       |                         |
|-----------------------|-------------------------|
| Reporting group title | Medikinet in lower dose |
|-----------------------|-------------------------|

Reporting group description: -

|                       |          |
|-----------------------|----------|
| Reporting group title | Concerta |
|-----------------------|----------|

Reporting group description: -

| <b>Serious adverse events</b>                     | Medikinet retard in equivalent dose | Medikinet in lower dose | Concerta        |
|---|-------------------------------------|-------------------------|-----------------|
| Total subjects affected by serious adverse events |                                     |                         |                 |
| subjects affected / exposed                       | 0 / 108 (0.00%)                     | 0 / 106 (0.00%)         | 0 / 110 (0.00%) |
| number of deaths (all causes)                     | 0                                   | 0                       | 0               |
| number of deaths resulting from adverse events    | 0                                   | 0                       | 0               |

Frequency threshold for reporting non-serious adverse events: 4.4 %

| <b>Non-serious adverse events</b>                     | Medikinet retard in equivalent dose | Medikinet in lower dose | Concerta          |
|---|-------------------------------------|-------------------------|-------------------|
| Total subjects affected by non-serious adverse events |                                     |                         |                   |
| subjects affected / exposed                           | 33 / 108 (30.56%)                   | 40 / 106 (37.74%)       | 39 / 110 (35.45%) |
| Investigations  |                                     |                         |                   |
| Weight loss   |                                     |                         |                   |
| subjects affected / exposed                           | 0 / 108 (0.00%)                     | 3 / 106 (2.83%)         | 2 / 110 (1.82%)   |
| occurrences (all)                                     | 0                                   | 3                       | 2                 |
| Nervous system disorders                              |                                     |                         |                   |
| Headache  |                                     |                         |                   |

|  |                      |                      |                        |
|--|----------------------|----------------------|------------------------|
| subjects affected / exposed<br>occurrences (all)   | 8 / 108 (7.41%)<br>8 | 3 / 106 (2.83%)<br>3 | 10 / 110 (9.09%)<br>10 |
| Disturbance in attention<br>subjects affected / exposed<br>occurrences (all)   | 0 / 108 (0.00%)<br>0 | 3 / 106 (2.83%)<br>3 | 5 / 110 (4.55%)<br>5   |
| General disorders and administration<br>site conditions<br>Fatigue<br>subjects affected / exposed<br>occurrences (all) | 0 / 108 (0.00%)<br>0 | 4 / 106 (3.77%)<br>4 | 3 / 110 (2.73%)<br>3   |
| Gastrointestinal disorders<br>Gastrointestinal pain<br>subjects affected / exposed<br>occurrences (all)                | 6 / 108 (5.56%)<br>6 | 7 / 106 (6.60%)<br>7 | 5 / 110 (4.55%)<br>5   |
| Psychiatric disorders<br>Initial insomnia<br>subjects affected / exposed<br>occurrences (all)                          | 3 / 108 (2.78%)<br>3 | 3 / 106 (2.83%)<br>3 | 6 / 110 (5.45%)<br>6   |
| Aggression<br>subjects affected / exposed<br>occurrences (all)   | 2 / 108 (1.85%)<br>2 | 3 / 106 (2.83%)<br>3 | 5 / 110 (4.55%)<br>5   |
| Restlessness<br>subjects affected / exposed<br>occurrences (all)   | 1 / 108 (0.93%)<br>1 | 5 / 106 (4.72%)<br>5 | 2 / 110 (1.82%)<br>2   |
| Infections and infestations<br>Nasopharyngitis<br>subjects affected / exposed<br>occurrences (all)                     | 2 / 108 (1.85%)<br>2 | 2 / 106 (1.89%)<br>2 | 1 / 110 (0.91%)<br>1   |
| Metabolism and nutrition disorders<br>Decreased appetite<br>subjects affected / exposed<br>occurrences (all)           | 3 / 108 (2.78%)<br>3 | 3 / 106 (2.83%)<br>3 | 7 / 110 (6.36%)<br>7   |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date           | Amendment   |
|----------------|---|
| 17 August 2006 | Inclusion criteria<br>"The patient was taking at least methylphenidate rapid release twice daily or Concerta or Medikinet retard once daily"<br>was changed in:<br>"The patient was taking at least methylphenidate rapid release twice daily or a methylphenidate retard preparation once daily (e.g. Medikinet retard, / Ritalin SR / Metadate CD)" |

Notes:

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### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

None reported

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### Online references

<http://www.ncbi.nlm.nih.gov/pubmed/21790298>