



Clinical trial results:

A Phase 3, Multicenter, Extension of Study ALK9072-003 to Assess the Long-term Safety and Durability of Effect of ALKS 9072 in Subjects with Stable Schizophrenia

Summary

| | |
|--------------------------|----------------|
| EudraCT number | 2012-003996-20 |
| Trial protocol | BG |
| Global end of trial date | 28 April 2015 |

Results information

| | |
|--------------------------------|-----------------|
| Result version number | v1 (current) |
| This version publication date | 06 October 2016 |
| First version publication date | 06 October 2016 |

Trial information

Trial identification

| | |
|-----------------------|----------------|
| Sponsor protocol code | ALK9072-003EXT |
|-----------------------|----------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT01626456 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | Alkermes |
| Sponsor organisation address | 852 Winter Street, Waltham, United States, 02451 |
| Public contact | ARISTADA Medical Information, Alkermes, Inc., 01 866-274-7823, usmedinfo@alkermes.com |
| Scientific contact | ARISTADA Medical Information, Alkermes, Inc., 01 866-274-7823, usmedinfo@alkermes.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

Results analysis stage

| | |
|--|------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 03 December 2015 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 28 April 2015 |
| Global end of trial reached? | Yes |
| Global end of trial date | 28 April 2015 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

This study will evaluate the safety and durability of effect of ALKS 9072 (also known as ALKS 9070) during long-term treatment of subjects with stable schizophrenia.

Protection of trial subjects:

Laboratory results for new subjects were reviewed before the first dose of ALKS 9072 was administered. Study visits occurred once every 4 weeks for a maximum of 16 study visits in addition to routine visits for clinical care. All subjects received study drug.

Background therapy: -

Evidence for comparator: -

| | |
|---|--------------|
| Actual start date of recruitment | 01 June 2012 |
| 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 | Russian Federation: 80 |
| Country: Number of subjects enrolled | Romania: 5 |
| Country: Number of subjects enrolled | United States: 130 |
| Country: Number of subjects enrolled | Philippines: 49 |
| Country: Number of subjects enrolled | Ukraine: 122 |
| Country: Number of subjects enrolled | Korea, Republic of: 6 |
| Country: Number of subjects enrolled | Malaysia: 24 |
| Country: Number of subjects enrolled | Bulgaria: 62 |
| Worldwide total number of subjects | 478 |
| EEA total number of subjects | 67 |

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) | 474 |
| From 65 to 84 years | 4 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

Subjects who successfully completed the Day 85 visit in Study ALK9072-003 and continued to meet eligibility criteria were eligible to enroll in this extension study. In addition, adults with chronic stable schizophrenia on a stable oral antipsychotic medication not previously enrolled in Study ALK9072-003 were also eligible to enroll.

Pre-assignment

Screening details:

While there were only 2 treatment groups in this extension study, data for several outcome measures is presented by lead-in study groups, and separated into 5 categories: PBO-441 mg, 441-441 mg, PBO-882 mg, 882-882 mg, and de novo.

Period 1

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

Blinding implementation details:

The study blind was maintained for those subjects who participated in the ALK9072-003 study. The investigator and study site staff were not informed about whether a given subject had been previously assigned to ALKS 9072 or to placebo in Study ALK9072-003. Subjects who participated in the ALK9072-003 were not informed of the dose of ALKS 9072 administered in either study. Only the unblinded pharmacist and the individual performing the injection were aware of the volume of ALKS 9072.

Arms

| | |
|------------------------------|-------------------|
| Are arms mutually exclusive? | Yes |
| Arm title | ALKS 9072, 441 mg |

Arm description:

ALKS 9072, IM injection, given monthly

| | |
|--|---------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | ALKS 9072 |
| Investigational medicinal product code | |
| Other name | ARISTADA, aripiprazole lauroxil |
| Pharmaceutical forms | Suspension for injection |
| Routes of administration | Intramuscular use |

Dosage and administration details:

441 mg IM injection, administered every 4 weeks

| | |
|------------------|-------------------|
| Arm title | ALKS 9072, 882 mg |
|------------------|-------------------|

Arm description:

ALKS 9072, IM injection, given monthly

| | |
|--|---------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | ALKS 9072 |
| Investigational medicinal product code | |
| Other name | ARISTADA, aripiprazole lauroxil |
| Pharmaceutical forms | Suspension for injection |
| Routes of administration | Intramuscular use |

Dosage and administration details:

882 mg IM injection, administered every 4 weeks

| Number of subjects in period 1 | ALKS 9072, 441 mg | ALKS 9072, 882 mg |
|---------------------------------------|-------------------|-------------------|
| Started | 110 | 368 |
| Completed | 75 | 251 |
| Not completed | 35 | 117 |
| Site Closure | 2 | 3 |
| Consent withdrawn by subject | 21 | 46 |
| Physician decision | 1 | 4 |
| Adverse event, non-fatal | 2 | 27 |
| Incarceration | - | 2 |
| Lost to follow-up | 2 | 27 |
| Lack of efficacy | 6 | 7 |
| Protocol deviation | 1 | 1 |

Baseline characteristics

Reporting groups

| | |
|-----------------------|-------------------|
| Reporting group title | ALKS 9072, 441 mg |
|-----------------------|-------------------|

Reporting group description:

ALKS 9072, IM injection, given monthly

| | |
|-----------------------|-------------------|
| Reporting group title | ALKS 9072, 882 mg |
|-----------------------|-------------------|

Reporting group description:

ALKS 9072, IM injection, given monthly

| Reporting group values | ALKS 9072, 441 mg | ALKS 9072, 882 mg | Total |
|--|-------------------|-------------------|-------|
| Number of subjects | 110 | 368 | 478 |
| Age categorical | | | |
| Units: Subjects | | | |
| In utero | 0 | 0 | 0 |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | 0 |
| Newborns (0-27 days) | 0 | 0 | 0 |
| Infants and toddlers (28 days-23 months) | 0 | 0 | 0 |
| Children (2-11 years) | 0 | 0 | 0 |
| Adolescents (12-17 years) | 0 | 0 | 0 |
| Adults (18-64 years) | 109 | 365 | 474 |
| From 65-84 years | 1 | 3 | 4 |
| 85 years and over | 0 | 0 | 0 |
| Age Continuous | | | |
| Units: years | | | |
| arithmetic mean | 38.1 | 39.8 | |
| standard deviation | ± 10.88 | ± 11.76 | - |
| Gender, Male/Female | | | |
| Units: participants | | | |
| Female | 45 | 158 | 203 |
| Male | 65 | 210 | 275 |
| Race (NIH/OMB) | | | |
| Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | 0 |
| Asian | 20 | 59 | 79 |
| Native Hawaiian or Other Pacific Islander | 0 | 2 | 2 |
| Black or African American | 13 | 79 | 92 |
| White | 77 | 228 | 305 |
| More than one race | 0 | 0 | 0 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Region of Enrollment | | | |
| Units: Subjects | | | |
| Russian Federation | 20 | 60 | 80 |
| Romania | 3 | 2 | 5 |
| United States | 19 | 111 | 130 |
| Philippines | 17 | 32 | 49 |
| Ukraine | 29 | 93 | 122 |

| | | | |
|--------------------|----|----|----|
| Korea, Republic of | 0 | 6 | 6 |
| Malaysia | 3 | 21 | 24 |
| Bulgaria | 19 | 43 | 62 |

End points

End points reporting groups

| | |
|---|-------------------|
| Reporting group title | ALKS 9072, 441 mg |
| Reporting group description: ALKS 9072, IM injection, given monthly | |
| Reporting group title | ALKS 9072, 882 mg |
| Reporting group description: ALKS 9072, IM injection, given monthly | |
| Subject analysis set title | PBO-441 mg |
| Subject analysis set type | Full analysis |
| Subject analysis set description: Subjects who received placebo in the base study and ALKS 9072 441 mg in the current study. | |
| Subject analysis set title | 441-441 mg |
| Subject analysis set type | Full analysis |
| Subject analysis set description: Subjects who received ALKS 441 mg in both the base study and the current study. | |
| Subject analysis set title | PBO-882 mg |
| Subject analysis set type | Full analysis |
| Subject analysis set description: Subjects who received placebo in the base study and ALKS 9072 882 mg in the current study. | |
| Subject analysis set title | 882-882 mg |
| Subject analysis set type | Full analysis |
| Subject analysis set description: Subjects who received ALKS 9072 882 mg in both the base study and the current study. | |
| Subject analysis set title | De Novo |
| Subject analysis set type | Full analysis |
| Subject analysis set description: Subjects who did not participate in the base study. These subjects received ALKS 9072 882 mg in the current study. | |

Primary: Number of subjects with treatment-emergent adverse events (TEAEs)

| | |
|--|--|
| End point title | Number of subjects with treatment-emergent adverse events (TEAEs) ^[1] |
| End point description: The safety population includes all subjects who received at least 1 dose of ALKS 9072 in the current study. This measure includes incidences >5% | |
| End point type | Primary |
| End point timeframe: 52 weeks | |

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: The endpoint measures incidence; statistical analysis is not applicable.

| End point values | ALKS 9072, 441 mg | ALKS 9072, 882 mg | | |
|-----------------------------|----------------------|----------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 110 | 368 | | |
| Units: participants | | | | |
| number (not applicable) | 51 | 190 | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean change from baseline to endpoint in Clinical Global Impression Scale for Severity (CGI-S)

| | |
|-----------------|--|
| End point title | Mean change from baseline to endpoint in Clinical Global Impression Scale for Severity (CGI-S) |
|-----------------|--|

End point description:

The CGI-S is a 7-point scale that requires the clinician to assess how mentally ill the patient is in a specific point in time. Results indicate participants evaluated at one of the following categories: "1: normal, not at all ill"; "2: borderline mentally ill"; "3: mildly ill"; "4: moderately ill"; "5: markedly ill"; "6: severely ill"; and "7: among the most extremely ill patients". Results indicate a change in CGI-S score from baseline to Day 365 based on the observed data.

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

End point timeframe:

52 weeks

| End point values | PBO-441 mg | 441-441 mg | PBO-882 mg | 882-882 mg |
|--------------------------------------|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Subject analysis set | Subject analysis set | Subject analysis set | Subject analysis set |
| Number of subjects analysed | 29 | 80 | 26 | 94 |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.9 (± 0.68) | -0.5 (± 0.71) | -0.8 (± 0.85) | -0.3 (± 0.61) |

| End point values | De Novo | | | |
|--------------------------------------|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 233 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.2 (± 0.61) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Discontinuation from study due to Adverse Events (AEs)

| | |
|-----------------|--|
| End point title | Discontinuation from study due to Adverse Events (AEs) |
|-----------------|--|

End point description:

Number of subjects who discontinued the study due to AE.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| 52 weeks | |

| | | | | |
|-----------------------------|----------------------|----------------------|--|--|
| End point values | ALKS 9072, 441 mg | ALKS 9072, 882 mg | | |
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 110 | 368 | | |
| Units: participants | | | | |
| number (not applicable) | 2 | 27 | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Suicidal ideation and behavior using the Columbia Suicide Severity Rating Scale (C-SSRS)

| | |
|--|--|
| End point title | Suicidal ideation and behavior using the Columbia Suicide Severity Rating Scale (C-SSRS) |
| End point description: | |
| The C-SSRS is a questionnaire used for suicide assessment. Subjects are asked a series of questions that determine whether or not the patient demonstrates any suicidal ideation or behavior. The C-SSRS was administered to subjects at each study visit. | |
| End point type | Secondary |
| End point timeframe: | |
| 52 weeks | |

| | | | | |
|-----------------------------|----------------------|----------------------|----------------------|----------------------|
| End point values | PBO-441 mg | 441-441 mg | PBO-882 mg | 882-882 mg |
| Subject group type | Subject analysis set | Subject analysis set | Subject analysis set | Subject analysis set |
| Number of subjects analysed | 29 | 81 | 26 | 100 |
| Units: participants | | | | |
| number (not applicable) | | | | |
| Any suicidal ideation | 0 | 1 | 1 | 1 |
| Any suicidal behavior | 0 | 0 | 0 | 0 |

| | | | | |
|-----------------------------|----------------------|--|--|--|
| End point values | De Novo | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 242 | | | |
| Units: participants | | | | |
| number (not applicable) | | | | |
| Any suicidal ideation | 4 | | | |
| Any suicidal behavior | 0 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Incidence of clinically significant changes will be calculated for movement disorders, vital signs and routine laboratory tests

| | |
|-----------------|---|
| End point title | Incidence of clinically significant changes will be calculated for movement disorders, vital signs and routine laboratory tests |
|-----------------|---|

End point description:

Includes incidence >2% but <5%

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

End point timeframe:

52 weeks

| End point values | PBO-441 mg | 441-441 mg | PBO-882 mg | 882-882 mg |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Subject analysis set | Subject analysis set | Subject analysis set | Subject analysis set |
| Number of subjects analysed | 29 | 81 | 26 | 100 |
| Units: Subjects | | | | |
| number (not applicable) | | | | |
| Akathisia | 1 | 0 | 2 | 3 |
| Tremor | 1 | 0 | 0 | 4 |
| Glycosylated haemoglobin increased | 0 | 3 | 0 | 0 |
| Hypertension | 1 | 0 | 1 | 3 |

| End point values | De Novo | | | |
|------------------------------------|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 242 | | | |
| Units: Subjects | | | | |
| number (not applicable) | | | | |
| Akathisia | 12 | | | |
| Tremor | 7 | | | |
| Glycosylated haemoglobin increased | 3 | | | |
| Hypertension | 4 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean change from Baseline to Endpoint using the Positive and Negative Symptom Scale (PANSS) total score and subscale scores

| | |
|-----------------|---|
| End point title | Mean change from Baseline to Endpoint using the Positive and Negative Symptom Scale (PANSS) total score and subscale scores |
|-----------------|---|

End point description:

This scale consists of symptom constructs (7 positive, 7 negative, 16 general psychopathology), each to be rated on a 7-point Likert-type scale of severity with 1 being absent to 7 being extreme. Minimum scores (best outcome) equals 30 (total scale), 7 (positive/negative subscales), and 16 (general subscale); maximum scores (worst outcome) equals 210 (total scale), 49 (positive/negative subscales), and 112 (general subscale).

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

End point timeframe:

52 weeks

| End point values | PBO-441 mg | 441-441 mg | PBO-882 mg | 882-882 mg |
|--|----------------------|----------------------|----------------------|----------------------|
| Subject group type | Subject analysis set | Subject analysis set | Subject analysis set | Subject analysis set |
| Number of subjects analysed | 29 | 80 | 26 | 94 |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Total Score | -19.1 (± 15.5) | -10 (± 10.2) | -11.6 (± 11.7) | -8.3 (± 8.2) |
| Positive Subscale Score | -5.8 (± 6) | -3.4 (± 3.4) | -4.1 (± 4.1) | -2.3 (± 3.1) |
| Negative Subscale Score | -4.1 (± 4.2) | -1.5 (± 3.5) | -1.6 (± 3.8) | -2.1 (± 3) |
| General Psychopathology Subscale Score | -9.2 (± 7.6) | -5.1 (± 5.6) | -5.9 (± 6.1) | -4 (± 4.7) |

| End point values | De Novo | | | |
|--|----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 233 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | | | | |
| Total Score | -5.9 (± 8.3) | | | |
| Positive Subscale Score | -1.8 (± 2.8) | | | |
| Negative Subscale Score | -1.2 (± 3.3) | | | |
| General Psychopathology Subscale Score | -2.9 (± 4.7) | | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Adverse events were collected at every study visit for 1 year (365 days).

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 17.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|-------------------|
| Reporting group title | ALKS 9072, 882 mg |
|-----------------------|-------------------|

Reporting group description:

ALKS 9072, 882 mg: IM injection, given monthly

| | |
|-----------------------|-------------------|
| Reporting group title | ALKS 9072, 441 mg |
|-----------------------|-------------------|

Reporting group description:

ALKS 9072, 441 mg: IM injection, given monthly

| Serious adverse events | ALKS 9072, 882 mg | ALKS 9072, 441 mg | |
|---|-------------------|-------------------|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 15 / 368 (4.08%) | 0 / 110 (0.00%) | |
| number of deaths (all causes) | 2 | 0 | |
| number of deaths resulting from adverse events | 1 | 0 | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Squamous cell carcinoma | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 1 / 368 (0.27%) | 0 / 110 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cardiac disorders | | | |
| Acute myocardial infarction | | | |
| subjects affected / exposed | 1 / 368 (0.27%) | 0 / 110 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cardio-respiratory arrest | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 1 / 368 (0.27%) | 0 / 110 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |

| | | | |
|--|--|--|--|
| Cardiac failure congestive alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Nervous system disorders Cerebrovascular accident alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Convulsion alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Reproductive system and breast disorders Adenomyosis alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Respiratory, thoracic and mediastinal disorders Chronic obstructive pulmonary disease alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all Asthma alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 2 / 368 (0.54%) 0 / 2 0 / 0 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 0 / 110 (0.00%) 0 / 0 0 / 0 | |

| | | | |
|--|-----------------------------------|-----------------------------------|--|
| Pulmonary mass alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Psychiatric disorders Schizophrenia alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 2 / 368 (0.54%) 1 / 2 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Aggression alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 1 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Completed suicide alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 1 / 1 1 / 1 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Drug abuse alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 0 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Depressed mood alternative assessment type: Systematic subjects affected / exposed occurrences causally related to treatment / all deaths causally related to treatment / all | 1 / 368 (0.27%) 1 / 1 0 / 0 | 0 / 110 (0.00%) 0 / 0 0 / 0 | |
| Somatoform disorder cardiovascular alternative assessment type: Systematic | | | |

| | | | |
|---|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 368 (0.27%) | 0 / 110 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Metabolism and nutrition disorders | | | |
| Hyperglycaemia | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 1 / 368 (0.27%) | 0 / 110 (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: 5 %

| | | | |
|---|-------------------|-------------------|--|
| Non-serious adverse events | ALKS 9072, 882 mg | ALKS 9072, 441 mg | |
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 59 / 368 (16.03%) | 16 / 110 (14.55%) | |
| Investigations | | | |
| Weight increased | | | |
| subjects affected / exposed | 17 / 368 (4.62%) | 7 / 110 (6.36%) | |
| occurrences (all) | 17 | 8 | |
| Nervous system disorders | | | |
| Headache | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 11 / 368 (2.99%) | 7 / 110 (6.36%) | |
| occurrences (all) | 15 | 10 | |
| Psychiatric disorders | | | |
| Insomnia | | | |
| subjects affected / exposed | 37 / 368 (10.05%) | 3 / 110 (2.73%) | |
| occurrences (all) | 45 | 4 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|------------------|---|
| 13 November 2012 | Changed the number of centers to 80; clarified inclusion criterion #1; and added details to the enrollment of subjects who participated in Study ALK9072-003. |
| 08 April 2013 | Added text to Study Drug Section: "ALKS 9072 may be supplied in a vial or in a prefilled syringe." |
| 08 October 2013 | Updated the number of study sites; added text for genotyping of subjects who did not participate in Study ALK9072-003; and added PK sample collection. |
| 24 July 2014 | Objectives to evaluate the rate and cost of hospitalization were added. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported