



Clinical trial results:

An open-label, international, multicenter, interventional study exploring the efficacy of once-daily oral rivaroxaban (BAY 59 7939) for the treatment of left atrial/left atrial appendage thrombus in subjects with nonvalvular atrial fibrillation or atrial flutter

Summary

| | |
|--------------------------|------------------|
| EudraCT number | 2012-001062-15 |
| Trial protocol | DE BG PL |
| Global end of trial date | 25 December 2014 |

Results information

| | |
|--------------------------------|---|
| Result version number | v3 (current) |
| This version publication date | 17 February 2019 |
| First version publication date | 15 July 2016 |
| Version creation reason | <ul style="list-style-type: none">• Correction of full data setControl of data |

Trial information

Trial identification

| | |
|-----------------------|------------------|
| Sponsor protocol code | BAY59-7939/16320 |
|-----------------------|------------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT01839357 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Bayer AG |
| Sponsor organisation address | Kaiser-Wilhelm-Allee, D-51368 Leverkusen, Germany, |
| Public contact | Therapeutic Area Head, Bayer AG, clinical-trials-contact@bayer.com |
| Scientific contact | Therapeutic Area Head, Bayer AG, clinical-trials-contact@bayer.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 | 25 December 2014 |
| Is this the analysis of the primary completion data? | No |
| Global end of trial reached? | Yes |
| Global end of trial date | 25 December 2014 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective of the study was to explore the effect of rivaroxaban on the complete resolution of left atrial (LA)/left atrial appendage (LAA) thrombi at the end-of-treatment visit (after 6 weeks of treatment) in subjects with nonvalvular atrial fibrillation (AF) or atrial flutter who had LA/LAA thrombus confirmed by transesophageal echocardiogram (TEE).

Protection of trial subjects:

The conduct of this clinical study met all local legal and regulatory requirements. The study was conducted in accordance with the ethical principles that have their origin in the Declaration of Helsinki and the International Conference on Harmonization guideline E6: Good Clinical Practice. Before entering the study, the informed consent explained to all subjects. Participating subjects signed informed consent form and could withdraw from the study at any time without any disadvantage and without having to provide a reason for this decision. Only investigators qualified by training and experience were selected as appropriate experts to investigate the study drug.

Background therapy: -

Evidence for comparator: -

| | |
|---|----------------|
| Actual start date of recruitment | 12 August 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 | Bulgaria: 5 |
| Country: Number of subjects enrolled | Poland: 29 |
| Country: Number of subjects enrolled | Turkey: 8 |
| Country: Number of subjects enrolled | Ukraine: 15 |
| Country: Number of subjects enrolled | France: 1 |
| Country: Number of subjects enrolled | Germany: 2 |
| Worldwide total number of subjects | 60 |
| EEA total number of subjects | 37 |

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) | 23 |
| From 65 to 84 years | 37 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

Study was conducted in 17 study centers in 7 countries worldwide, from 12 August 2013 (first subject first visit) to 25 December 2014 (last subject last visit).

Pre-assignment

Screening details:

Overall, 61 subjects were screened and 60 of these subjects were enrolled. The 1 subject enrolled at the site in Russia was the screen failure. Of the 60 subjects enrolled in the study, 57 were from Eastern Europe and 3 were from Western Europe.

Period 1

| | |
|------------------------------|--------------------------------|
| Period 1 title | Overall Trial (overall period) |
| Is this the baseline period? | Yes |
| Allocation method | Not applicable |
| Blinding used | Not blinded |

Arms

| | |
|-----------|-----------------------------------|
| Arm title | Rivaroxaban (Xarelto, BAY59-7939) |
|-----------|-----------------------------------|

Arm description:

Subjects received rivaroxaban 20 milligram (mg) orally once daily (od) for 6 weeks. Subjects with moderate to severe renal impairment (ie, Creatinine Clearance [CrCl] of 15 to 49 millilitre/minute [mL/min], inclusive) at screening received an adjusted dose of 15 mg orally od. Subjects were instructed to take rivaroxaban with food. The duration of study drug treatment was 6 (+2) weeks. A time window (maximum 2 weeks) were kept for the investigators to schedule the end-of-treatment TEE.

| | |
|--|--------------|
| Arm type | Experimental |
| Investigational medicinal product name | Rivaroxaban |
| Investigational medicinal product code | BAY59-7939 |
| Other name | Xarelto |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Subjects received 20 mg of rivaroxaban tablet orally od for 6 weeks.

| Number of subjects in period 1 | Rivaroxaban (Xarelto, BAY59-7939) |
|--------------------------------|-----------------------------------|
| Started | 60 |
| Completed | 55 |
| Not completed | 5 |
| Logistical Difficulties | 1 |
| Death | 1 |
| Adverse event | 3 |

Baseline characteristics

Reporting groups

| | |
|-----------------------|-----------------------------------|
| Reporting group title | Rivaroxaban (Xarelto, BAY59-7939) |
|-----------------------|-----------------------------------|

Reporting group description:

Subjects received rivaroxaban 20 milligram (mg) orally once daily (od) for 6 weeks. Subjects with moderate to severe renal impairment (ie, Creatinine Clearance [CrCl] of 15 to 49 millilitre/minute [mL/min], inclusive) at screening received an adjusted dose of 15 mg orally od. Subjects were instructed to take rivaroxaban with food. The duration of study drug treatment was 6 (+2) weeks. A time window (maximum 2 weeks) were kept for the investigators to schedule the end-of-treatment TEE.

| Reporting group values | Rivaroxaban (Xarelto, BAY59-7939) | Total | |
|------------------------|--------------------------------------|-------|--|
| Number of subjects | 60 | 60 | |
| Age Categorical | | | |
| Units: Subjects | | | |

| | | | |
|--|------|----|--|
| Age Continuous | | | |
| Units: years | | | |
| arithmetic mean | 69.6 | | |
| standard deviation | ± 11 | - | |
| Gender Categorical | | | |
| Units: Subjects | | | |
| Female | 30 | 30 | |
| Male | 30 | 30 | |
| Weight category | | | |
| Units: Subjects | | | |
| less than equal to (<=) 70 kilogram (kg) | 13 | 13 | |
| greater than (>) 70 and <= 90 kg | 28 | 28 | |
| > 90 kg | 19 | 19 | |
| CHADS2 score category | | | |
| CHADS2- predicts clinical risk of stroke and thromboembolism in atrial fibrillation incorporating these risk factors: Congestive heart failure, Hypertension, Age (greater than equal to [>=] 75 years), Diabetes mellitus, Stroke/transient ischemic attack; CHADS2 scores (low: 0, moderate: 1, high: >= 2). | | | |
| Units: Subjects | | | |
| Low (0) | 3 | 3 | |
| Moderate (1) | 17 | 17 | |
| High >= | 40 | 40 | |
| CHA2DS2VASc score category | | | |
| CHA2DS2VASc-predicts clinical risk of stroke and thromboembolism in atrial fibrillation incorporating these risk factors: Congestive heart failure/left ventricular dysfunction, Hypertension, Age >= 75 years, Diabetes mellitus, Stroke/transient ischemic attack/thromboembolism, Vascular disease (prior myocardial infarction, peripheral artery disease, or aortic plaque), Age 65 to 74 years, Sex category (i.e., female); CHA2DS2VASc scores classification (low: 0 [or 1 if female only], moderate: 1 [except for female gender alone], high: >= 2). | | | |
| Units: Subjects | | | |
| Low (0, or 1 if female) | 2 | 2 | |
| Moderate (1, except for female) | 8 | 8 | |
| High >= | 50 | 50 | |
| Atrial fibrillation types and Atrial flutter | | | |
| Units: Subjects | | | |

| | | | |
|--|---------|----|--|
| Atrial fibrillation: First-diagnosed | 4 | 4 | |
| Atrial fibrillation: Paroxysmal | 2 | 2 | |
| Atrial fibrillation: Persistent | 27 | 27 | |
| Atrial fibrillation: Long-standing persistent | 5 | 5 | |
| Atrial fibrillation: Permanent | 14 | 14 | |
| Atrial fibrillation: Missing | 5 | 5 | |
| Atrial flutter | 3 | 3 | |
| Prior anticoagulant medications | | | |
| Prior anticoagulant medications included the treatments with Heparin group, Other antithrombotic agent and Vitamin K antagonist drugs. | | | |
| Units: Subjects | | | |
| Subjects with prior anti-coagulant therapy | 49 | 49 | |
| Subjects with no prior anti-coagulant therapy | 11 | 11 | |
| Weight | | | |
| Units: Kilogram (kg) | | | |
| arithmetic mean | 85.09 | | |
| standard deviation | ± 17.64 | - | |
| Body Mass Index (BMI) | | | |
| Units: Kilogram per meter square (Kg/m^2) | | | |
| arithmetic mean | 30.68 | | |
| standard deviation | ± 5.96 | - | |
| CHADS2 score | | | |
| Units: units on a scale | | | |
| arithmetic mean | 2.3 | | |
| standard deviation | ± 1.4 | - | |

End points

End points reporting groups

| | |
|-----------------------|-----------------------------------|
| Reporting group title | Rivaroxaban (Xarelto, BAY59-7939) |
|-----------------------|-----------------------------------|

Reporting group description:

Subjects received rivaroxaban 20 milligram (mg) orally once daily (od) for 6 weeks. Subjects with moderate to severe renal impairment (ie, Creatinine Clearance [CrCl] of 15 to 49 millilitre/minute [mL/min], inclusive) at screening received an adjusted dose of 15 mg orally od. Subjects were instructed to take rivaroxaban with food. The duration of study drug treatment was 6 (+2) weeks. A time window (maximum 2 weeks) were kept for the investigators to schedule the end-of-treatment TEE.

| | |
|----------------------------|----------------------------------|
| Subject analysis set title | Intent-to-treat (ITT) population |
|----------------------------|----------------------------------|

| | |
|---------------------------|--------------------|
| Subject analysis set type | Intention-to-treat |
|---------------------------|--------------------|

Subject analysis set description:

All subjects who successfully completed the screening phase and entered the treatment phase (whether or not they were actually treated).

| | |
|----------------------------|--------------------------------|
| Subject analysis set title | Modified ITT (mITT) population |
|----------------------------|--------------------------------|

| | |
|---------------------------|-----------------------------|
| Subject analysis set type | Modified intention-to-treat |
|---------------------------|-----------------------------|

Subject analysis set description:

All subjects with LA/ LAA thrombus at baseline who had an evaluable end-of-treatment TEE according to the adjudication committee.

| | |
|----------------------------|------------------------|
| Subject analysis set title | Per protocol set (PPS) |
|----------------------------|------------------------|

| | |
|---------------------------|--------------|
| Subject analysis set type | Per protocol |
|---------------------------|--------------|

Subject analysis set description:

All subjects from the mITT population without major protocol deviations.

| | |
|----------------------------|-----------------------|
| Subject analysis set title | Safety analysis (SAF) |
|----------------------------|-----------------------|

| | |
|---------------------------|-----------------|
| Subject analysis set type | Safety analysis |
|---------------------------|-----------------|

Subject analysis set description:

All subjects in the ITT analysis population who received at least 1 dose of study medication during the treatment period.

Primary: Percentage of Subjects With Complete Resolution of Left Atrial or Left Atrial Appendage (LA/LAA) Thrombus at the end of Treatment

| | |
|-----------------|--|
| End point title | Percentage of Subjects With Complete Resolution of Left Atrial or Left Atrial Appendage (LA/LAA) Thrombus at the end of Treatment ^[1] |
|-----------------|--|

End point description:

Complete resolution of LA/LAA thrombus is adjudicated and confirmed by Study Outcome Committee. Complete resolution is characterized as the subject is completely thrombus-free in his/her left atrium confirmed on transesophageal echocardiography.

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

End point timeframe:

Up to 8 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: EudraCT database does auto-addition of number of subjects analysed while reporting an explorative analysis of two or more treatment groups. Due to this format constraint, charts have been uploaded with the accurate details of statistical analyses for this endpoint. Please find the statistical analyses in the attachment below.

| | | | | |
|-------------------------------|---|--|--|--|
| End point values | Rivaroxaban (Xarelto, BAY59-7939) | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 53 ^[2] | | | |
| Units: percentage of subjects | | | | |
| number (not applicable) | | | | |
| Complete resolution – yes | 41.51 | | | |
| Complete resolution – no | 58.49 | | | |

Notes:

[2] - mITT population

| | |
|-----------------------------------|---|
| Attachments (see zip file) | 16320_ Statistical Analyses_Primary_ Thrombus Reso/16320_ |
|-----------------------------------|---|

Statistical analyses

No statistical analyses for this end point

Secondary: Categories of Thrombus Outcome in Subjects: Resolved, Reduced, Unchanged, Enlarged or New

| | |
|-----------------|---|
| End point title | Categories of Thrombus Outcome in Subjects: Resolved, Reduced, Unchanged, Enlarged or New |
|-----------------|---|

End point description:

Individual thrombi were evaluated (in increasing order of severity) as resolved, reduced, unchanged, or enlarged since baseline, or new as compared to baseline, and subjects were categorized accordingly. 1) Resolved: absence of thrombus. 2) Reduced: decrease more than 1 millimetre (mm) by diameter (D) compared to baseline (average diameter [AD] is less than (<)10) or decrease more than 2 mm by D compared to baseline (AD is 10-20 mm) or decrease more than 3 mm by D compared to baseline (AD is > 20). 3) Unchanged: within 1 mm by D difference compared to baseline (AD is <10) or within 2 mm by D difference compared to baseline (AD is 10-20) or within 3 mm by D difference compared to baseline (AD is >20). 4) Larger: increase more than 1 mm by D compared to baseline (AD is <10) or increase more than 2 mm by D compared to baseline (AD is 10-20) or increase more than 3 mm by D compared to baseline (AD is >20). 5) New: new thrombus present. '99999' indicates that data were not calculated.

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

End point timeframe:

Up to 8 weeks

| | | | | |
|-------------------------------|---|--|--|--|
| End point values | Rivaroxaban (Xarelto, BAY59-7939) | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 53 ^[3] | | | |
| Units: percentage of subjects | | | | |
| number (not applicable) | | | | |
| Resolved | 41.5 | | | |
| Reduced | 18.9 | | | |
| Unchanged | 17 | | | |
| Larger | 22.6 | | | |
| New | 99999 | | | |
| Missing | 99999 | | | |

Notes:

[3] - mITT population

Statistical analyses

No statistical analyses for this end point

Secondary: Combined Categories of Thrombus Outcome in Subjects

| | |
|-----------------|---|
| End point title | Combined Categories of Thrombus Outcome in Subjects |
|-----------------|---|

End point description:

Combined thrombi were evaluated as Resolved/reduced and Unchanged/enlarged/new.

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

End point timeframe:

Up to 8 weeks

| End point values | Modified ITT (mITT) population | | | |
|----------------------------------|--------------------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 53 ^[4] | | | |
| Units: Percentage of subjects | | | | |
| number (confidence interval 95%) | | | | |
| Resolved/reduced | 60.38 (46 to 73.55) | | | |
| Unchanged/enlarged/new | 39.62 (26.45 to 54) | | | |

Notes:

[4] - mITT population

Statistical analyses

No statistical analyses for this end point

Secondary: Composite Number of Stroke and Non-central Nervous System (Non-CNS) Systemic Embolism Events

| | |
|-----------------|--|
| End point title | Composite Number of Stroke and Non-central Nervous System (Non-CNS) Systemic Embolism Events |
|-----------------|--|

End point description:

Stroke and Non-CNS Embolism were adjudicated and confirmed by Study Outcome Committee . Stroke included hemorrhagic and ischemic infarction. Non-CNS systemic embolism included emboli in peripheral arterial of the upper and lower extremities, ocular and retinal (pulmonary embolism and myocardial ischemia were excluded from the category).

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

End point timeframe:

Approximately up to 10 weeks

| End point values | Intent-to-treat (ITT) population | Modified ITT (mITT) population | | |
|-----------------------------|----------------------------------|--------------------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 60 | 53 | | |
| Units: events | 0 | 0 | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Number of all Bleeding Events

| | |
|--|-------------------------------|
| End point title | Number of all Bleeding Events |
| End point description: | |
| Bleeding was categorized as major and non-major bleeding. For major bleedings, the following characteristics were displayed according to the following hierarchy: fatal bleeding, non-fatal critical organ bleed, non-fatal noncritical organ bleeding (decrease in hemoglobin level of 2 grams per deciliter (g/dL) and/or transfusions ≥ 2 units). No major bleeding event was reported. The non-major bleeding events included two serious events (moderate ear hemorrhage and moderate epistaxis) and three nonserious bleeding events (mild gingival bleeding, mild gastrointestinal hemorrhage and mild petechiae). | |
| End point type | Secondary |
| End point timeframe: | |
| Approximately up to 10 weeks | |

| End point values | Safety analysis (SAF) | | | |
|-----------------------------|-----------------------|--|--|--|
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 60 ^[5] | | | |
| Units: events | | | | |
| Major bleeding | 0 | | | |
| Non-major: serious | 2 | | | |
| Non-major: non-serious | 3 | | | |
| No-event | 55 | | | |

Notes:

[5] - SAF

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From the start of study treatment until the follow-up visit occurred 30 (+- 3) days after the end-of-treatment visit.

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

Dictionary used

| | |
|--------------------|--------|
| Dictionary name | MedDRA |
| Dictionary version | 17.1 |

Reporting groups

| | |
|-----------------------|-----------------------------------|
| Reporting group title | Rivaroxaban (Xarelto, BAY59-7939) |
|-----------------------|-----------------------------------|

Reporting group description:

Subjects received rivaroxaban 20 milligram (mg) orally once daily (od) for 6 weeks. Subjects with moderate to severe renal impairment (ie, Creatinine Clearance [CrCl] of 15 to 49 millilitre/minute [mL/min], inclusive) at screening received an adjusted dose of 15 mg orally od. Subjects were instructed to take rivaroxaban with food. The duration of study drug treatment is 6 (+2) weeks. A time window (maximum 2 weeks) were kept for the investigators to schedule the end-of-treatment transesophageal echocardiography (TEE)

| Serious adverse events | Rivaroxaban (Xarelto, BAY59-7939) | | |
|---|--------------------------------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 7 / 60 (11.67%) | | |
| number of deaths (all causes) | 1 | | |
| number of deaths resulting from adverse events | 0 | | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Metastases to liver | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Cardiac disorders | | | |
| Acute left ventricular failure | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 1 | | |
| Coronary artery disease | | | |

| | | | |
|---|----------------|--|--|
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Atrioventricular block complete | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Cardiac failure chronic | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 2 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Cardiac failure congestive | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Ear and labyrinth disorders | | | |
| Ear haemorrhage | | | |
| alternative assessment type: Systematic | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 1 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Gastrointestinal disorders | | | |
| Pancreatitis chronic | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Epistaxis | | | |
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Metabolism and nutrition disorders | | | |
| Hypokalaemia | | | |

| | | | |
|---|----------------|--|--|
| subjects affected / exposed | 1 / 60 (1.67%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |

Frequency threshold for reporting non-serious adverse events: 5 %

| | | | |
|---|--------------------------------------|--|--|
| Non-serious adverse events | Rivaroxaban (Xarelto, BAY59-7939) | | |
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 3 / 60 (5.00%) | | |
| Cardiac disorders | | | |
| Bradycardia | | | |
| subjects affected / exposed | 3 / 60 (5.00%) | | |
| occurrences (all) | 3 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|------------------|---|
| 18 January 2013 | The title page of the noninterventional study protocol in Section 14.6 was removed and the synopsis was replaced with the new synopsis. |
| 26 February 2014 | This amendment also helped to enroll subjects from Western European Union (EU) countries as the availability of vitamin K antagonist(s) [VKA]/non-vitamin K antagonist or new oral anticoagulant(s) VKA/non-VKA or new oral anticoagulant(s) [NOAC]-naïve subjects with atrial fibrillation is limited. Other revisions with Amendment 3 included: 1.Changed the Sponsor's medical expert, 2. Added information that specified inclusion criteria regarding prior VKA and NOAC treatment, 3. Added a Study Outcome Committee to apply protocol definitions and adjudicate and classify endpoints on TEE, 4. Deleted the time period of "1 year" from enrollment criteria, 5. Added "Active endocarditis" to cardiac-related exclusion criteria, 6. Clarified that all eligible subjects should receive the study drug within 24 hours after treatment assignment, 7. Clarified duration of treatment, 8. Modified the evaluation schedule to clarify timing of electrocardiogram (ECG), trans-esophageal echocardiography/echocardiogram (TEE), laboratory evaluations and baseline blood sample, 9. Changed the timing of Visit 1 (Screening) procedures from within "2" days to "3" days prior to the start of the study drug treatment, 10. Added baseline characteristics to determine subgroups, 11. Deleted text from Statistical and analytical plans to be consistent with the statistical analysis plan. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

Occurrence of "±" in relation with geometric coefficient of variation is auto-generated and cannot be deleted. Decimal places were automatically truncated if last decimal equals zero.

Notes:

Online references

<http://www.ncbi.nlm.nih.gov/pubmed/25819852>