Effects of Lomitapide on Carotid and Aortic Atherosclerosis in Patients Treated with Lomitapide in Usual Care (CAPTURE)

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Administrative details

PURI

https://redirect.ema.europa.eu/resource/20500

EU PAS number

EUPAS7957

Study ID

20500

DARWIN EU® study

No

Study countries

Canada

France

Italy

Netherlands

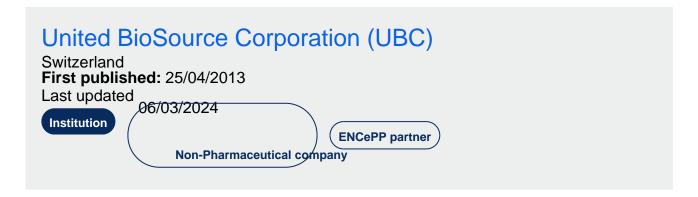
United States

Study description

The study is designed to evaluate the effects of lomitapide on carotid and aortic atherosclerosis in patients treated with lomitapide in usual clinical practice and who are enrolled in the Lomitapide Observational Worldwide Evaluation Registry (LOWER).

Research institution and networks

Institutions





Pr Eric Bruckert APHO, Pitié Salpeêtrière, 83 Bd de l'hopital 75013 Paris, France, Pr E.S.G Stroes AMC Medical Research B.V.Meibergdreef 9, 1105 AZ Amsterdam, The Netherlands, Pr Claudia Stefanutti Lipid Clinic and Atherosclerosis Prevention Centre, 'Umberto I' Hospital, Dept of Molecular Medicine, 'Sapienza' University of Rome, Viale del Policlinico 155 00161, Rome, Italy

Contact details

Study institution contact

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Study contact

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Primary lead investigator

Janine Collins

Primary lead investigator

Study timelines

Date when funding contract was signed

Planned: 17/01/2014 Actual: 16/09/2014

Study start date

Planned: 30/04/2015

Data analysis start date

Planned: 01/01/2016

Date of final study report

Planned: 26/04/2021

Sources of funding

Pharmaceutical company and other private sector

More details on funding

Aegerion Pharmaceuticals

Study protocol

aegr-733-028-protocol 2 Apr 2014.pdf(658.42 KB)

Regulatory

Was the study required by a regulatory body?

Yes

Is the study required by a Risk Management Plan (RMP)?

EU RMP category 2 (specific obligation of marketing authorisation)

Methodological aspects

Study type list

Study type:

Clinical trial

Scope of the study:

Other

If 'other', further details on the scope of the study

Evaluate the effects of lomitapide on carotid and aortic atherosclerosis in patients treated with lomitapide in usual clinical practice

Main study objective:

To assess the changes in atheroma burden as reflected by average carotid vessel wall area on MRI scanning following two years of treatment with lomitapide compared to baseline

Study drug and medical condition

Study drug International non-proprietary name (INN) or common name LOMITAPIDE

Medical condition to be studied

Atherosclerosis prophylaxis

Population studied

Age groups

Adults (18 to < 46 years)

Adults (46 to < 65 years)

Adults (65 to < 75 years)

Adults (75 to < 85 years)

Adults (85 years and over)

Estimated number of subjects

57

Study design details

Outcomes

The primary efficacy endpoint is the percent reduction from baseline in carotid vessel wall area at the two-year evaluation. Key secondary efficacy endpoints include the percent change from baseline to one and five years on therapy for carotid and aortic vessel wall area, and carotid and aortic vessel wall thickness.

Data analysis plan

The primary analysis will be a one-sample t-test on the within-subject percent reduction in average carotid vessel wall area using the modified intent-to-treat (MITT) population. Descriptive statistics will also be presented, including the sample number, mean, median, standard deviation, minimum and maximum values, as well as a two-sided, 95% confidence interval. Absolute data values, including arithmetic change from baseline, will be presented descriptively, in addition to percent change from baseline. The same method of analysis as used for the primary efficacy endpoint will be used for secondary efficacy endpoints.

Data management

Data sources

Data sources (types)

Other

Data sources (types), other

Prospective patient-based data collection

Use of a Common Data Model (CDM)

CDM mapping

No

Data quality specifications

Check conformance

Unknown

Check completeness

Unknown

Check stability

Unknown

Check logical consistency

Unknown

Data characterisation

Data characterisation conducted

No