

A Multicenter Trial Assessing the Impact of Lipoprotein(a) Lowering With Pelacarsen (TQJ230) on the Progression of Calcific Aortic Valve Stenosis

Last Update: Apr 16, 2025

A Randomized Double-blind, Placebo-controlled, Multicenter Trial Assessing the Impact of Lipoprotein(a) Lowering With Pelacarsen (TQJ230) on the Progression of Calcific Aortic Valve Stenosis [Lp(a)FRONTIERS CAVS]

ClinicalTrials.gov Identifier:

[NCT05646381](https://clinicaltrials.gov/ct2/show/study/NCT05646381)

Novartis Reference Number:CTQJ230A12203

[See if you Pre-qualify](#)

All compounds are either investigational or being studied for (a) new use(s). Efficacy and safety have not been established. There is no guarantee that they will become commercially available for the use(s) under investigation.

Study Description

The purpose of this study is to evaluate the efficacy, safety and tolerability of pelacarsen (TQJ230) administered subcutaneously once monthly compared to placebo in slowing the progression of calcific aortic valve stenosis.

Condition

Aortic Stenosis

Phase

Phase2

Overall Status

Recruiting

Number of Participants

502

Start Date

Mar 07, 2024

Completion Date

Mar 12, 2030

Gender

All

Age(s)

50 Years - 80 Years (Adult, Older Adult)

Interventions

Drug

Matching placebo

Matching placebo

Drug

Pelacarsen (TQJ230) 80mg

Pelacarsen (TQJ230) 80mg

Eligibility Criteria

Inclusion Criteria:

- * Male and female ≥ 50 to < 80 years of age
- * Lp(a) ≥ 175 nmol/L at the screening visit, measured at the Central laboratory
- * Mild or moderate calcific aortic valve stenosis
- * At the randomization visit, participant must be optimally treated for existing CV risk factors

Exclusion Criteria:

- * Severe calcific aortic valve stenosis
- * Uncontrolled hypertension
- * History of malignancy of any organ system
- * History of hemorrhagic stroke or other major bleeding
- * Platelet count $\leq$ LLN
- * Active liver disease or hepatic dysfunction
- * Significant kidney disease
- * Pregnant or nursing women

Other protocol-defined inclusion/exclusion criteria may apply

Austria

Novartis Investigative Site

Recruiting

Innsbruck, Tyrol, 6020, Austria

Novartis Investigative Site

Recruiting

Linz, 4021, Austria

Novartis Investigative Site

Recruiting

Wien, 1190, Austria

Novartis Investigative Site

Recruiting

Wien,A 1090,Austria

Belgium

Novartis Investigative Site

Recruiting

Genk,3600,Belgium

Novartis Investigative Site

Recruiting

Yvoir,5530,Belgium

Novartis Investigative Site

Recruiting

Kortrijk,8500,Belgium

Canada

Novartis Investigative Site

Recruiting

North York,Ontario,M6b 3h7,Canada

Novartis Investigative Site

Recruiting

Montreal,Quebec,H1t 1c8,Canada

Novartis Investigative Site

Recruiting

Montreal,Quebec,H3t 1e2,Canada

Novartis Investigative Site

Recruiting

Sainte Foy,Quebec,G1v 4g5,Canada

Novartis Investigative Site

Recruiting

Montreal,Quebec,H4a 3j1,Canada

Novartis Investigative Site

Recruiting

Ottawa,Ontario,K1y 4w7,Canada

Czechia

Novartis Investigative Site

Recruiting

Hradec Kralove,500 02,Czechia

Novartis Investigative Site

Recruiting

Jaromer Budova Polikliniky,551 01,Czechia

Novartis Investigative Site

Recruiting

Prague 4,146 24,Czechia

Novartis Investigative Site

Recruiting

Praha,12808,Czechia

Denmark

Novartis Investigative Site

Recruiting

Hvidovre,2650,Denmark

Novartis Investigative Site

Recruiting

Roskilde,4000,Denmark

Novartis Investigative Site

Recruiting

Viborg,8800,Denmark

Novartis Investigative Site

Recruiting

Esbjerg,Dk-6700,Denmark

France

Novartis Investigative Site

Recruiting

Paris,75012,France

Novartis Investigative Site

Recruiting

Paris,75015,France

Novartis Investigative Site

Recruiting

Paris,75013,France

Novartis Investigative Site

Recruiting

Poitiers,86021,France

Novartis Investigative Site

Recruiting

Pessac,33604,France

Novartis Investigative Site

Recruiting

Rennes,35033,France

Germany

Novartis Investigative Site

Recruiting

Oldenburg,26133,Germany

Novartis Investigative Site

Recruiting

Berlin,13353,Germany

Novartis Investigative Site

Recruiting

Hamburg,22763,Germany

Novartis Investigative Site

Recruiting

Frankfurt Am Main,Hessen,60594,Germany

Novartis Investigative Site

Recruiting

Essen,45147,Germany

Novartis Investigative Site

Recruiting

Muenchen,80636,Germany

Novartis Investigative Site

Recruiting

Dresden,Sachsen,01099,Germany

Israel**Novartis Investigative Site**

Recruiting

Beer Sheva,8457108,Israel

Novartis Investigative Site

Recruiting

Haifa,3339419,Israel

Novartis Investigative Site

Recruiting

Jerusalem,9112001,Israel

Novartis Investigative Site

Recruiting

Nahariya,22100,Israel

Novartis Investigative Site

Recruiting

Petach Tikva,4941492,Israel

Novartis Investigative Site

Recruiting

Ramat Gan,52621,Israel

Italy

Novartis Investigative Site

Recruiting

Pozzilli,IS,86077,Italy

Novartis Investigative Site

Recruiting

Bologna,BO,40138,Italy

Novartis Investigative Site

Recruiting

Padova,PD,35128,Italy

Novartis Investigative Site

Recruiting

Brescia,BS,25123,Italy

Novartis Investigative Site

Recruiting

Cona,FE,44100,Italy

Novartis Investigative Site

Recruiting

Milano,MI,20138,Italy

Novartis Investigative Site

Recruiting

Milano,MI,20157,Italy

Novartis Investigative Site

Recruiting

Milano,MI,20162,Italy

Novartis Investigative Site

Recruiting

Ancona,AN,60126,Italy

Netherlands

Novartis Investigative Site

Recruiting

Amsterdam,1090 hm,Netherlands

Novartis Investigative Site

Recruiting

Amsterdam,1105 az,Netherlands

Novartis Investigative Site

Recruiting

Rotterdam,3079 dz,Netherlands

Portugal

Novartis Investigative Site

Recruiting

Vila Nova De Gaia,4434 502,Portugal

Novartis Investigative Site

Recruiting

Coimbra,3000 075,Portugal

Spain

Novartis Investigative Site

Recruiting

Salamanca,Castilla Y Leon,37007,Spain

Novartis Investigative Site

Recruiting

Valencia,Comunidad Valenciana,46010,Spain

Novartis Investigative Site

Recruiting

Madrid,28034,Spain

Novartis Investigative Site

Recruiting

Madrid,28040,Spain

Novartis Investigative Site

Recruiting

Madrid,28041,Spain

Novartis Investigative Site

Recruiting

Caceres,Extremadura,10003,Spain

Switzerland

Novartis Investigative Site

Recruiting

Basel,4031,Switzerland

Novartis Investigative Site

Recruiting

Lausanne,1011,Switzerland

Novartis Investigative Site

Recruiting

Geneve 14,1211,Switzerland

Novartis Investigative Site

Recruiting

Lugano,6903,Switzerland

Novartis Investigative Site

Recruiting

Zuerich,8091,Switzerland

United Kingdom

Novartis Investigative Site

Recruiting

London,Ec1a 7be,United Kingdom

Novartis Investigative Site

Recruiting

London,Se1 7eh,United Kingdom

Novartis Investigative Site

Recruiting

Middlesbrough,Ts4 3bw,United Kingdom

Novartis Investigative Site

Recruiting

Tyne And Wear,Ne29 8nh,United Kingdom

Novartis Investigative Site

Recruiting

Londonderry,Bt47 1sb,United Kingdom

Novartis Investigative Site

Recruiting

Edinburgh,Ed16 4sa,United Kingdom

Novartis Investigative Site

Recruiting

Leicester,Le3 9qp,United Kingdom

United States

Ohio State University

Recruiting

Columbus,Ohio,43210,United States

John Larry

Annie Kellum

Phone: 614-685-4619

Email: annie.kellum@osumc.edu

William Beaumont Hospital

Recruiting

Royal Oak,Michigan,48073-4192,United States

Diedra Brunk

Phone: 248-551-4192

Email: Diedre.brunk@corewellhealth.org

Joel Skaistis

UC San Francisco Medical Center

Recruiting

San Francisco,California,94143,United States

Malika Saxena

Phone: 415-476-8338

Email: mallika.saxena@ucsf.edu

Sammy Elmariah

National Heart Institute

Recruiting

Beverly Hills, California, 90211, United States

Norman Lepor

Phone: [301-289-5221](tel:301-289-5221)

Icahn School of Med at Mt Sinai

Recruiting

New York, New York, 10029, United States

Waqas Malick

Honey Zaw

Phone: [212-659-9174](tel:212-659-9174)

Email: honey.zaw@mssm.edu

Virginia Heart

Recruiting

Falls Church, Virginia, 22042, United States

Cynthia E Alvarez

Phone: [703-766-5920](tel:703-766-5920)

Email: Calvarez@VirginiaHeart.com

Tariq Haddad

University Of California San Diego

Recruiting

San Diego, California, 92103-8415, United States

Taylor Buchalla

Phone: [858-246-2510](tel:858-246-2510)

Email: tmbuchalla@health.ucsd.edu

Calvin Yeang

Brigham and Womens Hosp Harvard Med School

Recruiting

Boston, Massachusetts, 02115, United States

Sam Wong

Phone: [617-347-8680](tel:617-347-8680)

Email: swong1@bwh.harvard.edu

Rhanderson Cardoso

Henry Ford Hospital

Recruiting

Detroit, Michigan, 48202, United States

Jodi Carter, BS, CCRP

Phone: [313-916-3613](tel:313-916-3613)

Khaled Abdul-Nour

Strong Memorial Hospital

Recruiting

Rochester, New York, 14642, United States

Elizabeth Anderson

Phone: [716-275-7753](tel:716-275-7753)

Email: Elizabeth_Anderson@URMC.Rochester.edu

Robert Block

Perelman School of Medicine

Recruiting

Philadelphia, Pennsylvania, 19104, United States

Archana Bajaj

Karen Terembula

Email: kterembu@pennmedicine.upenn.edu

Valley Clinical Trials

Recruiting

Northridge, California, 91325, United States

Chase Miller

Phone: [818-280-4220](tel:818-280-4220)

Email: chase@valleyclinicaltrials.com

Mehrdad Ariani

Wake Forest University Baptist Medical Center

Recruiting

Winston-Salem, North Carolina, 27157, United States

Judy Kennedy

Email: jkkenned@wakehealth.edu

Michael Shapiro

Stanford University Medical Center

Recruiting

Stanford, California, 94305, United States

Abha Khandelwal

Tamara Bazouzi

Phone: [650-736-7878](tel:650-736-7878)

Email: bazouzit@stanford.edu

University Of Minnesota

Recruiting

Minneapolis, Minnesota, 55455, United States

Daniel Duprez

Melanie Crawley

Phone: [612-624-4948](tel:612-624-4948)

Email: Crawl027@umn.edu

Tufts Medical Center

Recruiting

Boston, Massachusetts, 02111, United States

Benjamin Wessler

Jamie Rubinstein

Phone: [617-636-5897](tel:617-636-5897)

Email: Jamie.Rubinstein@TuftsMedicine.org

Carient Heart and Vascular

Recruiting

Manassas, Virginia, 20109, United States

Sydney Monserrate

Phone: [+1 70 333 58 750](tel:+17033358750)

Email: smonserrate@carient.com

Vikram Prasanna

Minneapolis Heart Institute

Recruiting

Minneapolis, Minnesota, 55407, United States

Haley Hanson

Phone: [612-863-3900](tel:6128633900)

Email: haley.hanson@allina.com

Matthew Chu

Advanced Research for Health Improvement LLC

Recruiting

Naples, Florida, 34102, United States

Julian Ortiz

Phone: [239-300-0586](tel:2393000586)

Email: julian.ortiz@arhiusa.com

Tracey Roth

Carl and Edyth Lindner Ctr for Resch and Ed at The Christ Hosp

Recruiting

Cincinnati, Ohio, 45219, United States

Michael Weber

Phone: [513-585-1777](tel:5135851777)

Email: michael.weber@thechristhospital.com

Sitaramesh Emani

Cardiovascular Res Found

Recruiting

Beverly Hills, California, 90210, United States

Monalisa Nzenwa

Phone: 310-278-3400

Email: MonaLisa.Nzenwa@cvmg.com

Ronald P Karlsberg

New York Presbyterian Hospital

Recruiting

New York, New York, 10021, United States

Rose Spuhler

Phone: 212-746-2932

Email: ros4026@med.cornell.edu

Samuel Kim

Massachusetts General Hospital

Recruiting

Boston, Massachusetts, 02114, United States

Michael Honigberg

Victoria Viscosi

Phone: 813-943-3440

Email: vviscosi@mgh.harvard.edu

Inpatient Research Clinical LLC

Recruiting

Miami Lakes, Florida, 33014, United States

Alexis Gutierrez

Ariadna Mulet

Phone: 786-502-4303

Email: amulet@inpatientresearch.com

Heart Center Research Llc

Recruiting

Huntsville,Alabama,35801,United States

Anneke Miller

Phone: [256-519-8255](tel:256-519-8255)

Email: amiller4@theheartcenter.md

Vernon R Hunter

Overlook Medical Center

Recruiting

Summit,New Jersey,07901,United States

Christine Ciprich

Phone: [908-522-6279](tel:908-522-6279)

Email: Christine.Ciprich@atlantichealth.org

Robert Fishberg

Midwest Heart and Vascular Spec

Recruiting

Overland Park,Kansas,66211,United States

Chelsea Waller

Phone: [913-253-3000](tel:913-253-3000)

Email: Chelsea.Waller@HCAHealthcare.com

Vasvi Singh

Worldwide Contacts

If the location of your choosing does not feature any contact detail, please reach out using the information below.

Novartis Pharmaceuticals

Phone: [+41613241111](tel:+41613241111)

Email:

Novartis Pharmaceuticals

Phone: [1-888-669-6682](tel:1-888-669-6682)

Source URL: <https://prod1.novartis.com/clinicaltrials/study/nct05646381>

List of links present in page

1. <https://clinicaltrials.gov/ct2/show/NCT05646381>
2. [#trial-eligibility](#)
3. tel:614-685-4619
4. <mailto:annie.kellum@osumc.edu>
5. tel:248-551-4192
6. <mailto:Diedre.brunk@corewellhealth.org>
7. tel:415-476-8338
8. <mailto:mallika.saxena@ucsf.edu>
9. tel:301-289-5221
10. tel:212-659-9174
11. <mailto:honey.zaw@mssm.edu>
12. tel:703-766-5920
13. <mailto:Calvarez@VirginiaHeart.com>
14. tel:858-246-2510
15. <mailto:tmbuchalla@health.ucsd.edu>
16. tel:617-347-8680
17. <mailto:swong1@bwh.harvard.edu>
18. tel:313-916-3613
19. tel:716-275-7753
20. mailto:Elizabeth_Anderson@URMC.Rochester.edu
21. <mailto:kterembu@pennmedicine.upenn.edu>
22. tel:818-280-4220
23. <mailto:chase@valleyclinicaltrials.com>
24. <mailto:jkkenned@wakehealth.edu>
25. tel:650-736-7878
26. <mailto:bazouzit@stanford.edu>
27. tel:612-624-4948
28. <mailto:Crawl027@umn.edu>
29. tel:617-636-5897
30. <mailto:Jamie.Rubinstein@TuftsMedicine.org>
31. tel:+1 70 333 58 750
32. <mailto:smonserrate@carient.com>
33. tel:612-863-3900
34. <mailto:haley.hanson@allina.com>
35. tel:239-300-0586
36. <mailto:julian.ortiz@arhiusa.com>
37. tel:513-585-1777
38. <mailto:michael.weber@thechristhospital.com>
39. tel:310-278-3400
40. <mailto:MonaLisa.Nzenwa@cvmg.com>
41. tel:212-746-2932
42. <mailto:ros4026@med.cornell.edu>
43. tel:813-943-3440
44. <mailto:vviscosi@mgh.harvard.edu>
45. tel:786-502-4303
46. <mailto:amulet@inpatientresearch.com>
47. tel:256-519-8255
48. <mailto:amiller4@theheartcenter.md>

- 49. tel:908-522-6279
- 50. mailto:Christine.Ciprich@atlantichealth.org
- 51. tel:913-253-3000
- 52. mailto:Chelsea.Waller@HCAHealthcare.com
- 53. tel:+41613241111
- 54. mailto:
- 55. tel:1-888-669-6682
- 56. mailto:novartis.email@novartis.com