

SUPPLEMENTAL MATERIAL

Appendix

List of GOULD Investigators

Listed below are the primary investigators representing the 119 enrolling sites in the US; listed in order of enrollment contribution.

Thomas Knickelbine, Abbott Northwestern Hospital Minneapolis Heart Institute; Charles Augenbraun, Cardiology Associates of Fairfield County; James Talano, Southwest Florida Research LLC; Faisal Wahid, Texas Institute of Cardiology; David Suh, NSC Research; Ranchhod Khant, Bay Area Cardiology; Shamaila Aslam, Northwest Houston Heart Center; Scott Merryman, McConnell Heart Health Center; David Herrington, Wake Forest University School of Medicine; Philip Patel, Eisenhower Desert Cardiology Center; Kenneth Fox, Family Medical Associates; Sumant Lamba, First Coast Cardiovascular Institute PA; Steven Brodie, HCP Clinical Research LLC; Neil Sheth, Radiant Research- Warner Family Practice PC; Kahlid Sheikh, Brevard Cardiovascular Research; Allen Geltzer, Synexus Clinical Research US Inc Overlake Internal Medicine Associates; Michael Lillestol, Lillestol Research LLC; Kamlesh Dave, Heart Care Associates; Stanley Koch, Koch Family Medicine; Steven Lupovitch, Northwest Heart Clinical Research LLC; Carlos Piniella, Clinical Research of Homestead; Lawrence Allen, Diagnostic Center of Medicine; Rakesh Vohra, Parkway Cardiology Associates; Steven Geller, Centennial Medical Group; Rohit Amin, Pensacola Research Consultants; Charles Michieli, Synexus Clinical Research Incorporated Orange Grove Family Practice; Philip Levin, Model Clinical Research Inc; Nicolas Shammass, Midwest Cardiovascular Research Foundation; Andrew Potler, East Mountain Medical Associates, PC; Vladimir Santos, Gad Research Center; Madaiah Revana, Humble Cardiology Associates; Ellis Lader, WMCHHealth Heart and Vascular Institute Kingston Division of Cardiology; David Strobl, Sparrow Clinical Research Institute; Megan Supple, Cone Health; Denes Korpas, Nebraska Heart Institute; Donna DeSantis, Radiant Research- East Valley Family Physicians; Debra Fuchs-Ertman, InterMed PA; Wael Eid, Saint Elizabeth Covington; Linda Calhoun, Cape Fear Heart Associates; Narendra Upadhyaya, Research Physicians Network Alliance; Ryan Cotter, Heart Institute of Colorado; James Maciejko, Ascension Saint John Hospital; Paul Ziajka, The Florida Lipid Institute; William Smith, Research Institute of Deaconess Clinic Downtown; Eduardo Antezano, UnityPoint Cardiology at Pleasant; Philip O Donnell, Selma Medical Associates; Lance Sloan, Texas Institute for Kidney and Endocrine Disorders; Vance Wilson, Daytona Heart Group; Denise Janosik, Mercy Research; James Kmetzo, Doylestown Health Cardiology; Sumana Gangi, Southern Endocrinology Associates PA; Neil Sheth, Synexus Clinical Research US, Inc; Chrisette Dharma, Southwest Family Medicine Associates; Darshan Godkar, Advanced Cardiology LLC; Philip Nicol, The Diabetes Center; Micheal Hong, Trinity Medical Western New York, PC; Catherine Popkin, Boca Raton Clinical Research Medical Center Inc; Rajesh Patel, Lycoming Internal Medicine Inc; Abelardo Vargas, New Phase Clinical Trials Corp; Minesh Patel, LaPorte County Institute for Clinical Research; Vikas Desai, Charles River Medical Associates; Yunsheng Ma, University of Massachusetts Medical School; Robert Block, University of Rochester Medical Center; Louis Hiotis, Radiant Research- Michigan Avenue Internists, LLC; Colby Grossman, Palmetto Clinical Research; Ahmed Arif, Ahmed Arif Medical Research Center LLC; Seth Baum, Excel Medical Clinical Trials; Carlos Sotolongo, Baptist Heart Specialists; Rebecca Jordan, Center for Clinical Trials of Sacramento Inc; Paul

Thompson, Hartford Hospital; Mark Napoli, Clinical Trials of America Inc; Robert Davidson, Consortium of Attending Physicians for Research Investigations LLC; Hugh Durrence, Pharmacorp Clinical Trials Inc; Karen Aspry, Miriam Hospital; Randall Miller, Horizon Research Group of Opelousas LLC; David Headley, David M Headley, MD, PA; Richard Rothschild, Cabrillo Cardiology Medical Group; Raymond Little, Houston Heart and Vascular Associates; Carl Meisner, Carl R Meisner Medical Clinic, PLLC; Richard Powell, Meridien Research Brooksville; Eliot Moon, Elite Clinical Trials Inc; Kul Aggarwal, University of Missouri Health System; Mark Turner, Advanced Clinical Research; Idalia Acosta, San Marcus Research Clinic Inc; Martin Schear, Dayton Clinical Research; Robert Harris, DeGarmo Institute of Medical Research; Robert Lending, Synexus Clinical Research United States Incorporated; Abraham Salacata, Endeavor Medical Research; Vicki Kalen, Eclipse Clinical Research; C David Bird, Premier Family Medicine; Caroline Mbogua, Discovery MM Services Inc, Yamirka Duardo- Guerra, LLC Medical Research, LLC, Deirdre McMullen, Discovery MM Services Inc; Hessam Aazami, Hope Clinical Research LLC; Charles Lovell, York Clinical Research LLC; Robert Busch, Albany Medical Center Community Division; Marek Janout, Kootenai Heart Clinics, LLC; Lawrence Alwine, Brandywine Clinical Research; Kim Barbel Johnson, Care Partners Clinical Research LLC; Svjetlana Dziko, Womens Clinic of Lincoln PC; John Larry, The Ohio State University, Wexner Medical Center; Joseph Cherian, Metropolitan Cardiology; Gregory Allen, Center for Medical Research LLC; Faye Vargas, Atlanta Vanguard Medical Associates; Stuart Zarich, Bridgeport Hospital; Armando Roperro-Cartier, Premier Clinical Research Institute; Milroy Samuel, Complete Healthcare for Women; Sandeep Khurana, Healthy Heart Cardiology; Lilia Rodriguez Ables, Finlay Medical Research; Marisela Gonzalez, Advance Research Center LLC; Gregston Nelson, Radiant Research- Omaha Primary Care Physicians; Lester de Leon, Advance Medical Research Service; Luis Martinez, Suncoast Research Group LLC; Francisco Badar, Core Healthcare Group; Thomas Phiambolis, Lanckenau Institute for Medical Research; Naseem Jaffrani, Alexandria Cardiology Clinic; John Eck, Advanced Clinical Research - Center for Lifetime Health; Brett Nowlan, Cottage Grove Cardiology; Trever Martin, Advanced Clinical Research - Foot and Ankle Clinic

Table S1. Patient questionnaire results stratified by sex.

	Men n=3021	Women n=1985	p-value
What is your understanding of the main reason you are taking cholesterol medication?			0.806
To prevent a heart attack and/or stroke	28.3% (791/2797)	27.0% (497/1844)	
To lower cholesterol	66.4% (1858/2797)	67.6% (1247/1844)	
To make you feel better	1.1% (31/2797)	1.1% (21/1844)	
Don't know/not sure	4.2% (117/2797)	4.3% (79/1844)	
What do you think is the leading cause of death for men in the United States?			<0.001
Heart disease	66.9% (1874/2803)	56.9% (1051/1846)	
Cancer	9.2% (258/2803)	11.3% (209/1846)	
Other	4.7% (131/2803)	3.3% (60/1846)	
Don't know/not sure	19.3% (540/2803)	28.5% (526/1846)	
What do you think is the leading cause of death for women in the United States?			<0.001
Heart disease	40.1% (1125/2802)	55.7% (1029/1847)	
Cancer	29.7% (832/2802)	23.2% (429/1847)	
Other	2.5% (71/2802)	2.1% (38/1847)	
Don't know/not sure	27.6% (774/2802)	19.0% (351/1847)	
Can you estimate the chance that you will have a heart attack or stroke within the next 10 years?			<0.001
Less than 5%	12.6% (352/2793)	12.4% (227/1834)	
5% to less than 10%	9.3% (261/2793)	6.2% (113/1834)	
10% to less than 20%	7.8% (218/2793)	5.2% (95/1834)	
20% to less than 50%	9.0% (252/2793)	7.1% (131/1834)	
50% or greater	10.4% (290/2793)	8.6% (157/1834)	
Don't know/not sure	50.8% (1420/2793)	60.6% (1111/1834)	
By how much do you think your cholesterol-lowering medication reduces your risk for having a heart attack or stroke over the next 10 years?			<0.001
Less than 5%	2.6% (72/2799)	4.2% (77/1845)	
5% to less than 10%	4.2% (118/2799)	4.2% (77/1845)	
10% to less than 20%	6.4% (178/2799)	5.2% (96/1845)	
20% to less than 50%	16.0% (449/2799)	11.4% (210/1845)	
50% or greater	32.8% (917/2799)	28.1% (519/1845)	
Don't know/not sure	38.0% (1065/2799)	46.9% (866/1845)	
What is your LDL?			<0.001
Less than 50 mg/dL	5.5% (154/2803)	2.8% (52/1847)	
50 mg/dL to less than 70 mg/dL	4.5% (126/2803)	3.6% (67/1847)	
70 mg/dL to less than 100 mg/dL	15.7% (440/2803)	10.3% (190/1847)	
100 mg/dL to less than 130 mg/dL	5.2% (146/2803)	6.1% (113/1847)	
130 mg/dL or higher	3.8% (107/2803)	4.4% (81/1847)	
Don't know/not sure	65.3% (1830/2803)	72.8% (1344/1847)	
What should your LDL be according to your doctor?			<0.001
Less than 50 mg/dL	5.6% (156/2804)	3.5% (64/1847)	
50 mg/dL to less than 70 mg/dL	9.8% (275/2804)	5.8% (107/1847)	
70 mg/dL to less than 100 mg/dL	14.4% (403/2804)	11.8% (218/1847)	
100 mg/dL to less than 130 mg/dL	3.0% (84/2804)	3.1% (58/1847)	
130 mg/dL or higher	1.2% (33/2804)	1.6% (30/1847)	
Don't know/not sure	66.1% (1852/2804)	74.2% (1370/1847)	

Table S2. Questionnaire results stratified by age.

	Age <65 years n=1754	Age ≥65 years n=3251	p-value
What is your understanding of the main reason you are taking cholesterol medication?			<0.001
To prevent a heart attack/stroke	31.4% (509/1622)	25.8% (779/3019)	
To lower cholesterol	63.6% (1031/1622)	68.7% (2074/3019)	
To make you feel better	1.2% (19/1622)	1.1% (33/3019)	
Don't know/not sure	3.9% (63/1622)	4.4% (133/3019)	
What do you think is the leading cause of death for men in the United States?			0.178
Heart disease	64.0% (1042/1627)	62.3% (1883/3022)	
Cancer	8.8% (143/1627)	10.7% (324/3022)	
Other	3.9% (63/1627)	4.2% (128/3022)	
Don't know/not sure	23.3% (379/1627)	22.7% (687/3022)	
What do you think is the leading cause of death for women in the United States?			0.653
Heart disease	47.4% (771/1625)	45.7% (1383/3024)	
Cancer	26.3% (427/1625)	27.6% (834/3024)	
Other	2.5% (40/1625)	2.3% (69/3024)	
Don't know/not sure	23.8% (387/1625)	24.4% (738/3024)	
Can you estimate the chance that you will have a heart attack or stroke within the next 10 years?			0.011
Less than 5%	12.8% (207/1620)	12.4% (372/3007)	
5% to less than 10%	8.8% (142/1620)	7.7% (232/3007)	
10% to less than 20%	6.7% (108/1620)	6.8% (205/3007)	
20% to less than 50%	8.5% (138/1620)	8.1% (245/3007)	
50% or greater	11.9% (193/1620)	8.4% (254/3007)	
Don't know/not sure	51.4% (832/1620)	56.5% (1699/3007)	
By how much do you think your cholesterol-lowering medication reduces your risk for having a heart attack or stroke over the next 10 years?			0.141
Less than 5%	2.9% (47/1622)	3.4% (102/3022)	
5% to less than 10%	3.9% (64/1622)	4.3% (131/3022)	
10% to less than 20%	5.5% (90/1622)	6.1% (184/3022)	
20% to less than 50%	14.4% (233/1622)	14.1% (426/3022)	
50% or greater	34.7% (563/1622)	28.9% (873/3022)	
Don't know/not sure	38.5% (625/1622)	43.2% (1306/3022)	
What is your LDL?			0.434
Less than 50 mg/dL	4.3% (70/1624)	4.5% (136/3026)	
50 mg/dL to less than 70 mg/dL	3.2% (52/1624)	4.7% (141/3026)	
70 mg/dL to less than 100 mg/dL	12.3% (199/1624)	14.2% (431/3026)	
100 mg/dL to less than 130 mg/dL	6.7% (109/1624)	5.0% (150/3026)	
130 mg/dL or higher	5.3% (86/1624)	3.4% (102/3026)	
Don't know/not sure	68.2% (1108/1624)	68.3% (2066/3026)	
What should your LDL be according to your doctor?			<0.001
Less than 50 mg/dL	5.7% (93/1625)	4.2% (127/3026)	
50 mg/dL to less than 70 mg/dL	9.0% (146/1625)	7.8% (236/3026)	
70 mg/dL to less than 100 mg/dL	14.0% (228/1625)	13.0% (393/3026)	
100 mg/dL to less than 130 mg/dL	3.6% (59/1625)	2.7% (83/3026)	
130 mg/dL or higher	1.5% (25/1625)	1.3% (38/3026)	
Don't know/not sure	66.1% (1074/1625)	71.0% (2149/3026)	