

# Puja K Mehta

## List of Publications by Year in descending order

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116  
papers

5,764  
citations

172457

29  
h-index

79698

73  
g-index

140  
all docs

140  
docs citations

140  
times ranked

6886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin II cell signaling: physiological and pathological effects in the cardiovascular system. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C82-C97.	4.6	1,589
2	Ischemia and No Obstructive Coronary Artery Disease (INOCA). <i>Circulation</i> , 2017, 135, 1075-1092.	1.6	527
3	Mechanisms of Vascular Smooth Muscle NADPH Oxidase 1 (Nox1) Contribution to Injury-Induced Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 480-487.	2.4	211
4	Cardiac Magnetic Resonance Myocardial Perfusion Reserve Index Is Reduced in Women With Coronary Microvascular Dysfunction. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	2.6	184
5	Ranolazine Improves Angina in Women With Evidence of Myocardial Ischemia But No Obstructive Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 514-522.	5.3	180
6	Coronary Optical Coherence Tomography and Cardiac Magnetic Resonance Imaging to Determine Underlying Causes of Myocardial Infarction With Nonobstructive Coronary Arteries in Women. <i>Circulation</i> , 2021, 143, 624-640.	1.6	180
7	Safety of Coronary Reactivity Testing in Women With No Obstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 646-653.	2.9	177
8	Effects of Yoga on Inflammation and Exercise Capacity in Patients With Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2008, 14, 407-413.	1.7	176
9	A randomized, placebo-controlled trial of late Na current inhibition (ranolazine) in coronary microvascular dysfunction (CMD): impact on angina and myocardial perfusion reserve. <i>European Heart Journal</i> , 2016, 37, 1504-1513.	2.2	152
10	Impact of Abnormal Coronary Reactivity on Long-Term Clinical Outcomes in Women. <i>Journal of the American College of Cardiology</i> , 2019, 73, 684-693.	2.8	152
11	Ischemic heart disease in women: A focus on risk factors. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 140-151.	4.9	138
12	Provocative Testing for Coronary Reactivity and Spasm. <i>Journal of the American College of Cardiology</i> , 2014, 63, 103-109.	2.8	102
13	Benefits of Yoga for African American Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 651-657.	0.4	96
14	Quality and Equitable Health Care Gaps for Women. <i>Journal of the American College of Cardiology</i> , 2017, 70, 373-388.	2.8	86
15	Coronary microvascular dysfunction: sex-specific risk, diagnosis, and therapy. <i>Nature Reviews Cardiology</i> , 2015, 12, 406-414.	13.7	85
16	Clinical characteristics and prognosis of patients with microvascular angina: an international and prospective cohort study by the Coronary Vasomotor Disorders International Study (COVADIS) Group. <i>European Heart Journal</i> , 2021, 42, 4592-4600.	2.2	84
17	Takotsubo Syndrome in Patients with COVID-19: a Systematic Review of Published Cases. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2102-2108.	0.6	70
18	Sex differences in non-obstructive coronary artery disease. <i>Cardiovascular Research</i> , 2020, 116, 829-840.	3.8	66

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19	Diastolic Dysfunction in Women With Signs and Symptoms of Ischemia in the Absence of Obstructive Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 510-516.	2.6	55
20	Cardiac Syndrome X. <i>Cardiology Clinics</i> , 2014, 32, 463-478.	2.2	54
21	Sex-based differences in quality of care and outcomes in a health system using a standardized STEMI protocol. <i>American Heart Journal</i> , 2017, 191, 30-36.	2.7	53
22	Gender in cardiovascular medicine: chest pain and coronary artery disease. <i>European Heart Journal</i> , 2019, 40, 3819-3826.	2.2	47
23	Sex Differences in Hemodynamic and Microvascular Mechanisms of Myocardial Ischemia Induced by Mental Stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 473-480.	2.4	44
24	Inflammatory biomarkers as predictors of heart failure in women without obstructive coronary artery disease: A report from the NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE). <i>PLoS ONE</i> , 2017, 12, e0177684.	2.5	43
25	Cardiac magnetic resonance imaging myocardial perfusion reserve index assessment in women with microvascular coronary dysfunction and reference controls. <i>Cardiovascular Diagnosis and Therapy</i> , 2013, 3, 153-60.	1.7	43
26	Treatment of Angina and Microvascular Coronary Dysfunction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2010, 12, 355-364.	0.9	39
27	National Trends in Cessation Counseling, Prescription Medication Use, and Associated Costs Among US Adult Cigarette Smokers. <i>JAMA Network Open</i> , 2019, 2, e194585.	5.9	39
28	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	38
29	Management of Women With Acquired Cardiovascular Disease From Pre-Conception Through Pregnancy and Postpartum. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1799-1812.	2.8	33
30	Peripheral Microvascular Function Reflects Coronary Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1492-1500.	2.4	32
31	A randomized controlled trial of acupuncture in stable ischemic heart disease patients. <i>International Journal of Cardiology</i> , 2014, 176, 367-374.	1.7	31
32	Brain-heart connections in stress and cardiovascular disease: Implications for the cardiac patient. <i>Atherosclerosis</i> , 2021, 328, 74-82.	0.8	31
33	Chest Pain and Mental Stress-Induced Myocardial Ischemia: Sex Differences. <i>American Journal of Medicine</i> , 2018, 131, 540-547.e1.	1.5	29
34	The Autonomic Nervous System and Cardiovascular Health and Disease. <i>JACC: Heart Failure</i> , 2015, 3, 383-385.	4.1	27
35	Adverse pregnancy outcomes and cardiovascular risk factor management. <i>Seminars in Perinatology</i> , 2015, 39, 268-275.	2.5	26
36	Gender and microvascular angina. <i>Journal of Thrombosis and Thrombolysis</i> , 2011, 31, 37-46.	2.1	25

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37	Low-density lipoprotein apheresis as a treatment option for hyperlipidemia. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2009, 11, 279-288.	0.9	24
38	Cardiac Syndrome X. <i>Heart Failure Clinics</i> , 2016, 12, 141-156.	2.1	24
39	TIMI Frame Count and Adverse Events in Women with No Obstructive Coronary Disease: A Pilot Study from the NHLBI-Sponsored Women's Ischemia Syndrome Evaluation (WISE). <i>PLoS ONE</i> , 2014, 9, e96630.	2.5	23
40	Myocardial Scar Is Prevalent and Associated With Subclinical Myocardial Dysfunction in Women With Suspected Ischemia But No Obstructive Coronary Artery Disease. <i>Circulation</i> , 2018, 137, 874-876.	1.6	23
41	Myocardial tissue deformation is reduced in subjects with coronary microvascular dysfunction but not rescued by treatment with ranolazine. <i>Clinical Cardiology</i> , 2017, 40, 300-306.	1.8	22
42	Prevalence of Coronary Endothelial and Microvascular Dysfunction in Women with Symptoms of Ischemia and No Obstructive Coronary Artery Disease Is Confirmed by a New Cohort: The NHLBI-Sponsored Women's Ischemia Syndrome Evaluation's "Coronary Vascular Dysfunction (WISE-CVD)". <i>Journal of Interventional Cardiology</i> , 2019, 2019, 1-8.	1.2	22
43	Sex differences in the inflammatory response to stress and risk of adverse cardiovascular outcomes among patients with coronary heart disease. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 294-302.	4.1	22
44	Mental stress peripheral vascular reactivity is elevated in women with coronary vascular dysfunction: Results from the NHLBI-sponsored Cardiac Autonomic Nervous System (CANS) study. <i>International Journal of Cardiology</i> , 2018, 251, 8-13.	1.7	21
45	Higher Activation of the Rostromedial Prefrontal Cortex During Mental Stress Predicts Major Cardiovascular Disease Events in Individuals With Coronary Artery Disease. <i>Circulation</i> , 2020, 142, 455-465.	1.6	21
46	Sudden Cardiac Death in Women With Suspected Ischemic Heart Disease, Preserved Ejection Fraction, and No Obstructive Coronary Artery Disease: A Report From the Women's Ischemia Syndrome Evaluation Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	19
47	Reproducibility of myocardial perfusion reserve - variations in measurements from post processing using commercially available software. <i>Cardiovascular Diagnosis and Therapy</i> , 2012, 2, 268-77.	1.7	19
48	Untargeted high-resolution plasma metabolomic profiling predicts outcomes in patients with coronary artery disease. <i>PLoS ONE</i> , 2020, 15, e0237579.	2.5	18
49	Cardiac magnetic resonance imaging for myocardial perfusion and diastolic function-reference control values for women. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 78-86.	1.7	18
50	Coronary Artery Spasm, Coronary Reactivity, and Their Psychological Context. <i>Psychosomatic Medicine</i> , 2019, 81, 233-236.	2.0	17
51	Takotsubo Cardiomyopathy. <i>European Cardiology Review</i> , 2015, 10, 25.	2.2	17
52	Ivabradine in Cardiovascular Disease Management Revisited: a Review. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 1045-1056.	2.6	16
53	Design, methodology and baseline characteristics of the Women's Ischemia Syndrome Evaluation's "Coronary Vascular Dysfunction (WISE-CVD)". <i>American Heart Journal</i> , 2020, 220, 224-236.	2.7	15
54	Soluble Urokinase-type Plasminogen Activator Receptor and High-sensitivity Troponin Levels Predict Outcomes in Nonobstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e015515.	3.7	15

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55	Quantification of I-123-meta-iodobenzylguanidine Heart-to-Mediastinum Ratios: Not So Simple After All. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 979-983.	2.1	14
56	Diastolic dysfunction measured by cardiac magnetic resonance imaging in women with signs and symptoms of ischemia but no obstructive coronary artery disease. <i>International Journal of Cardiology</i> , 2016, 220, 775-780.	1.7	14
57	Gender-Related Differences in Chest Pain Syndromes in the Frontiers in CV Medicine Special Issue: Sex & Gender in CV Medicine. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 744788.	2.4	14
58	Comparison of autonomic stress reactivity in young healthy versus aging subjects with heart disease. <i>PLoS ONE</i> , 2019, 14, e0216278.	2.5	13
59	Functional coronary angiography in symptomatic patients with no obstructive coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 827-835.	1.7	13
60	Acetylcholine versus cold pressor testing for evaluation of coronary endothelial function. <i>PLoS ONE</i> , 2017, 12, e0172538.	2.5	13
61	Cardiac risk factors and myocardial perfusion reserve in women with microvascular coronary dysfunction. <i>Cardiovascular Diagnosis and Therapy</i> , 2013, 3, 146-52.	1.7	13
62	Ischemia and no obstructive coronary arteries in patients with stable ischemic heart disease. <i>International Journal of Cardiology</i> , 2022, 348, 1-8.	1.7	13
63	Cardiovascular Implications of Immune Disorders in Women. <i>Circulation Research</i> , 2022, 130, 593-610.	4.5	13
64	Coronary Microvascular Dysfunction Is Associated With Significant Plaque Burden and Diffuse Epicardial Atherosclerotic Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1519-1520.	2.9	12
65	Ranolazine Reduces Angina in Women with Ischemic Heart Disease: Results of an Open-Label, Multicenter Trial. <i>Journal of Women's Health</i> , 2019, 28, 573-582.	3.3	12
66	Left ventricular circumferential strain and coronary microvascular dysfunction: A report from the Women's Ischemia Syndrome Evaluation Coronary Vascular Dysfunction (WISE-CVD) Project. <i>International Journal of Cardiology</i> , 2021, 327, 25-30.	1.7	12
67	Alterations in Insulin Levels in Adults with Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 500-506.	2.4	12
68	Endothelin receptor antagonists improve exercise tolerance and oxygen saturations in patients with Eisenmenger syndrome and congenital heart defects. <i>Texas Heart Institute Journal</i> , 2008, 35, 256-61.	0.3	12
69	Circulating progenitor cells and coronary microvascular dysfunction: Results from the NHLBI-sponsored Women's Ischemia Syndrome Evaluation "Coronary Vascular Dysfunction Study (WISE-CVD)". <i>Atherosclerosis</i> , 2016, 253, 111-117.	0.8	11
70	Inverse association of MRI-derived native myocardial T1 and perfusion reserve index in women with evidence of ischemia and no obstructive CAD: A pilot study. <i>International Journal of Cardiology</i> , 2018, 270, 48-53.	1.7	11
71	Association Between Mental Stress-Induced Inferior Frontal Cortex Activation and Angina in Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010710.	2.6	11
72	Ambulatory and silent myocardial ischemia in women with coronary microvascular dysfunction: Results from the Cardiac Autonomic Nervous System study (CANS). <i>International Journal of Cardiology</i> , 2020, 316, 1-6.	1.7	11

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73	Berries and Their Polyphenols as a Potential Therapy for Coronary Microvascular Dysfunction: A Mini-Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3373.	4.1	11
74	Coronary endothelial dysfunction appears to be a manifestation of a systemic process: A report from the Women's Ischemia Syndrome Evaluation "Coronary Vascular Dysfunction (WISE-CVD) study. <i>PLoS ONE</i> , 2021, 16, e0257184.	2.5	11
75	Differing Relations to Early Atherosclerosis between Vitamin C from Supplements vs. Food in the Los Angeles Atherosclerosis Study: A Prospective Cohort Study. <i>Open Cardiovascular Medicine Journal</i> , 2012, 6, 113-121.	0.3	11
76	Daily Activity Measured With Wearable Technology as a Novel Measurement of Treatment Effect in Patients With Coronary Microvascular Dysfunction: Substudy of a Randomized Controlled Crossover Trial. <i>JMIR Research Protocols</i> , 2017, 6, e255.	1.0	11
77	Microvascular Angina: An Underappreciated Cause of SLE Chest Pain. <i>Journal of Rheumatology</i> , 2013, 40, 746-747.	2.0	10
78	Coronary Vascular Function and Cardiomyocyte Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 3015-3021.	2.4	10
79	Angina Hospitalization Rates in Women With Signs and Symptoms of Ischemia But no Obstructive Coronary Artery Disease: A Report from the WISE (Women's Ischemia Syndrome Evaluation) Study. <i>Journal of the American Heart Association</i> , 2020, 9, e013168.	3.7	10
80	Psychological stress, cardiac symptoms, and cardiovascular risk in women with suspected ischaemia but no obstructive coronary disease. <i>Stress and Health</i> , 2020, 36, 264-273.	2.6	10
81	Comparison of low and high dose intracoronary adenosine and acetylcholine in women undergoing coronary reactivity testing: Results from the NHLBI-sponsored Women's Ischemia Syndrome Evaluation (WISE). <i>International Journal of Cardiology</i> , 2014, 172, e114-e115.	1.7	9
82	Difficult case: rituximab in anti-SRP antibody myositis in pregnancy. <i>Practical Neurology</i> , 2019, 19, 444-446.	1.1	9
83	Oxidative Stress Is Associated With Diastolic Dysfunction in Women With Ischemia With No Obstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e015602.	3.7	9
84	Neural responses during acute mental stress are associated with angina pectoris. <i>Journal of Psychosomatic Research</i> , 2020, 134, 110110.	2.6	9
85	Evaluation and management of blood lipids through a woman's life cycle. <i>American Journal of Preventive Cardiology</i> , 2022, 10, 100333.	3.0	8
86	Typical angina is associated with greater coronary endothelial dysfunction but not abnormal vasodilatory reserve. <i>Clinical Cardiology</i> , 2017, 40, 886-891.	1.8	7
87	Association of Early-Life Trauma and Risk of Adverse Cardiovascular Outcomes in Young and Middle-aged Individuals With a History of Myocardial Infarction. <i>JAMA Cardiology</i> , 2021, 6, 336.	6.1	7
88	Subendocardial Ischemia and Myocarditis in Systemic Lupus Erythematosus Detected by Cardiac Magnetic Resonance Imaging. <i>Journal of Rheumatology</i> , 2012, 39, 448-450.	2.0	6
89	Role of Stress Cardiac Magnetic Resonance Imaging in Women With Suspected Ischemia But No Obstructive Coronary Artery Disease. <i>Journal of Radiology Nursing</i> , 2017, 36, 180-183.	0.4	6
90	Transcutaneous Cervical Vagal Nerve Stimulation in Patients with Posttraumatic Stress Disorder (PTSD): A Pilot Study of Effects on PTSD Symptoms and Interleukin-6 Response to Stress. <i>Journal of Affective Disorders Reports</i> , 2021, 6, 100190.	1.7	6

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91	False-positive stress testing: Does endothelial vascular dysfunction contribute to ST-segment depression in women? A pilot study. <i>Clinical Cardiology</i> , 2018, 41, 1044-1048.	1.8	5
92	Adverse cardiovascular outcomes in women: blame the amygdala?. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 633-635.	1.2	5
93	Not typical angina and mortality in women with obstructive coronary artery disease: Results from the Women's Ischemic Syndrome Evaluation study (WISE). <i>IJC Heart and Vasculature</i> , 2020, 27, 100502.	1.1	5
94	Cardiac Sympathetic Activity by <sup>123</sup> I-Meta-Iodobenzylguanidine Imaging in Women With Coronary Microvascular Dysfunction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1873-1875.	5.3	5
95	Predictive value of normal dobutamine stress echocardiogram in patients with low-risk acute chest pain. <i>International Journal of Cardiology</i> , 2010, 144, 289-291.	1.7	4
96	Temporal Trends in Angina, Myocardial Perfusion, and Left Ventricular Remodeling in Women With No Obstructive Coronary Artery Disease Over 1-Year Follow-Up: Results From WISE-CVD. <i>Journal of the American Heart Association</i> , 2020, 9, e016305.	3.7	4
97	Somatic versus cognitive depressive symptoms as predictors of coronary artery disease among women with suspected ischemia: The women's ischemia syndrome evaluation. <i>Heart and Mind (Mumbai, India)</i> , 2021, 5, 112.	0.6	4
98	Relationship Between Glycosylated Hemoglobin and Arterial Elasticity. <i>Preventive Cardiology</i> , 2006, 9, 160-165.	1.1	3
99	Cardiovascular Disease and Endometrial Cancer. <i>Gynecologic Oncology</i> , 2012, 126, 171-173.	1.4	3
100	Maladaptive left ventricular remodeling in women: An analysis from the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction study. <i>International Journal of Cardiology</i> , 2018, 268, 230-235.	1.7	3
101	Microvascular Assessment of Ranolazine in Non-Obstructive Atherosclerosis. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008204.	3.9	3
102	N-Terminal pro-B-type natriuretic peptide and coronary microvascular dysfunction in women with preserved ejection fraction: A report from the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD) study. <i>PLoS ONE</i> , 2020, 15, e0243213.	2.5	3
103	Percutaneous Interventions in Adults with Complex Cyanotic Congenital Heart Disease. <i>Congenital Heart Disease</i> , 2006, 1, 233-238.	0.2	2
104	Painful myositis in the anti-synthetase syndrome with anti-PL12 antibodies. <i>Rheumatology International</i> , 2012, 32, 825-827.	3.0	2
105	SENSITIVITY AND SPECIFICITY OF CMRI FOR DIAGNOSIS OF MICROVASCULAR CORONARY DYSFUNCTION IN WOMEN WITH SIGNS AND SYMPTOMS OF ISCHEMIA AND NO OBSTRUCTIVE CORONARY ARTERY DISEASE: RESULTS FROM THE NHLBI-SPONSORED WOMEN'S ISCHEMIA SYNDROME EVALUATION (WISE). <i>Journal of the American College of Cardiology</i> , 2013, 61, E825.	2.8	2
106	Prior myocardial infarction is associated with coronary endothelial dysfunction in women with signs and symptoms of ischemia and no obstructive coronary artery disease. <i>International Journal of Cardiology</i> , 2016, 207, 137-139.	1.7	2
107	Cold Pressor Stress Cardiac Magnetic Resonance Myocardial Flow Reserve Is Not Useful for Detection of Coronary Endothelial Dysfunction in Women with Signs and Symptoms of Ischemia and No Obstructive CAD. <i>PLoS ONE</i> , 2017, 12, e0169818.	2.5	2
108	Myocardial infarction with non-obstructive coronary arteries: a humbling diagnosis in 2018. <i>Heart</i> , 2019, 105, 506-507.	2.9	2

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109	Stroke in women: <i>Where are we in 2015?</i> . Trends in Cardiovascular Medicine, 2016, 26, 89-91.	4.9	1
110	The black box of coronary microcirculation: Is it at the tip of the finger?. International Journal of Cardiology, 2021, 336, 29-31.	1.7	1
111	Socioeconomic characteristics of African American women attending community blood pressure screenings. American Heart Journal Plus, 2022, 13, 100123.	0.6	1
112	Cardiac Symptoms in Women and Men. JAMA Internal Medicine, 2013, 173, 1928.	5.1	0
113	Cardiac autonomic function and vasomotor symptoms: too much break and not enough accelerator?. Menopause, 2017, 24, 719-721.	2.0	0
114	How Can We Reduce Cardiovascular Disease Risks in Black Women?. Journal of Clinical Lipidology, 2019, 13, e40-e41.	1.5	0
115	Myocardial Infarction and Persistent Angina With No Obstructive Coronary Artery Disease. JACC: Case Reports, 2020, 2, 9-14.	0.6	0
116	It Takes a Village: Expanding Women's Cardiovascular Care to Include the Community as well as Cardiovascular and Primary Care Teams. Current Cardiology Reports, 0, , .	2.9	0