

SUPPLEMENTAL MATERIALS

Sex Differences in Vascular Response to Mental Stress and Adverse Cardiovascular Events among Patients with Ischemic Heart Disease

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Major Resources Table

In order to allow validation and replication of experiments, all essential research materials listed in the Methods should be included in the Major Resources Table below. Authors are encouraged to use public repositories for protocols, data, code, and other materials and provide persistent identifiers and/or links to repositories when available. Authors may add or delete rows as needed.

Animals (in vivo studies): NA

Species	Vendor or Source	Background Strain	Sex	Persistent ID / URL

Genetically Modified Animals: NA

	Species		Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male						
Parent - Female						

Antibodies: NA

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL

DNA/cDNA Clones: NA

Clone Name	Sequence	Source / Repository	Persistent ID / URL

Cultured Cells: NA

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL

Data & Code Availability: NA

Description	Source / Repository	Persistent ID / URL

Other: NA

Description	Source / Repository	Persistent ID / URL

Table S1. Microvascular Response to Stress (Dichotomized) and Risk of Major Adverse Cardiovascular Events (MACE).

	Total Sample		Women		Men		p-value Sex Interaction
	HR (95% CI)	p	HR (95% CI)	p	HR (95% CI)	p	
Microvascular Response LT 0 (RHI)*							
Model 1	2.10 (1.47, 3.00)	<.0001	2.93 (1.65, 5.22)	0.0003	1.85 (1.17, 2.94)	0.01	0.21
Model 2	2.12 (1.47, 3.05)	<.0001	2.81 (1.57, 5.01)	0.001	1.74 (1.09, 2.78)	0.02	0.20
Model 3	1.39 (0.95, 2.04)	0.09	2.05 (1.13, 3.75)	0.02	1.06 (0.65, 1.73)	0.80	0.09
Model 4	1.29 (0.87, 1.92)	0.20	2.17 (1.16, 4.03)	0.01	0.89 (0.54, 1.48)	0.66	0.03
Model 5	1.32 (0.88, 1.96)	0.18	2.05 (1.10, 3.82)	0.02	0.95 (0.57, 1.59)	0.06	0.06
Model 6	1.49 (0.99, 2.24)	0.05	2.31 (1.22, 4.40)	0.01	1.10 (0.66, 1.85)	0.71	0.07

Model 1: Includes vascular measure; Sex specific models includes vascular measure, sex, and their interaction.

Model 2: Model 1 + age, sex, race, and education

Model 3: Model 2 covariates + clinical risk factors (ever smoking, BMI, hypertension, diabetes, dyslipidemia, ejection fraction)

Model 4: Model 3 covariates + medications (beta-blockers, statins, ACE inhibitors, and aspirin).

Model 5: Model 4 covariates + psychological factors (beck depression inventory, PTSD symptoms)

Model 6: Model 5 covariates + mental stress induced myocardial ischemia

* All models adjusted for baseline RHI