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**The Texas Heart Institute at Baylor College of Medicine**

**Cardiology Grand Rounds**

Baylor College of Medicine

**Friday, October 10, 2025**

**12:00 – 1:00 p.m.**

**Genetic Predisposition for Thoracic Aortic Aneurysms and**

**Acute Aortic Dissections Informs Precise Medical Care**

**Dianna M. Milewicz, MD, PhD**

President George H.W. Bush Chair of Cardiovascular Medicine

Professor of Medical Genetics

Director of the Division of Medical Genetics

Vice-Chair of the Department of Internal Medicine

John P. and Kathrine G. McGovern Medical School

The University of Texas Health Science Center at Houston

A person in a red jacket

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**In-Person Location**

**Baylor St. Luke’s Medical Center**

**Denton A. Cooley Auditorium (C060, Level B1)**

**6720 Bertner Avenue**

**Zoom Access and Attendance Process**

* Click here to join the presentation:[**https://us02web.zoom.us/webinar/register/WN\_EaZ0bESbQQmrXA\_wXFIPzw#/registration**](https://urldefense.proofpoint.com/v2/url?u=https-3A__us02web.zoom.us_webinar_register_WN-5FEaZ0bESbQQmrXA-5FwXFIPzw-23_registration&d=DwMFAg&c=ZQs-KZ8oxEw0p81sqgiaRA&r=JKA769edfwhfkrH-AE5L_A&m=bpT2QcAFC8Lj2lBoiJ0Fk-yjl7Iz9U4_uaLFcxuT4NvpAqreoyWFhGmbfIyS_abe&s=9ra6VsRsNKHT1vBPKc4_-HBA9K1dT1tgH5idFgcK3dY&e=)
* Sign in to track attendance and earn credit.

Text Phone Number: **713-903-7277**

Event ID:  **NAFWEB**

**Objectives:** At the conclusion of the session, the participants should be able to:

* Classify the genetic risks for thoracic aortic aneurysms and aortic dissections.
* Recognize the importance of implementing gene-based management for patients with genes with pathogenic variants that cause heritable thoracic aortic disease.
* Describe how ACTA2 pathogenic variants can cause thoracic aortic disease and early onset atherosclerosis.

**Target Audience:** This activity is intended for cardiologists, cardiovascular and cardiothoracic surgeons, anesthesiologists, intensivists, primary care physicians, fellows, residents, medical students, physician assistants, nurses, nurse practitioners, other advanced practice providers, and perfusionists at Baylor St. Luke's Medical Center,

Baylor College of Medicine, and the greater Texas Medical Center.

**Needs Statement:** Clinicians engaged in the practice of cardiovascular medicine including physicians in practice, faculty members, fellows, residents, medical students, allied health and other healthcare practitioners and care team members in related disciplines need to receive regular updates on evidence-based clinical practices, and technological and pharmaceutical advances in cardiovascular medicine. The series aims to expand the knowledge of learners, advance their clinical skills and competencies, address the challenges of healthcare delivery in the clinic, hospital, diagnostic, and surgical settings to enhance the quality of cardiovascular care, and improve patient outcomes by providing education to address gaps arising from the continually evolving practice standards, how to implement them, and the steps for performance change.

**Educational Methods:** Educational methods will include lectures, case presentations, and audience response.

**Activity Evaluation:** Participants may be asked to complete a session evaluation.

**Accreditation/Credit Designation:** This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Baylor College of Medicine and The Texas Heart Institute. Baylor College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Baylor College of Medicine designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**▶ Disclosure of Financial Relationships**

**Relevant Financial Relationships with Ineligible Companies:** *All relevant financial relationships listed have been mitigated.*

None.

**No Financial Relationships with Ineligible Companies:** *Nothing to disclose.*

***Select all roles that apply for this session.***

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| --- | --- |
| **Karla Campos Bekardi, MD** | **Planning Committee Member  Presenter**  **Moderator  Panel Discussant** |
| **Stephanie Coulter, MD** | **Planning Committee Member  Presenter**  **Moderator  Panel Discussant** |
| **Pakinam Mekki, MD** | **Planning Committee Member  Presenter**  **Moderator  Panel Discussant** |
| **Joseph G. Rogers, MD** | **Planning Committee Member  Presenter**  **Moderator  Panel Discussant** |
| **Dianna M. Milewicz, MD, PhD** | **Presenter**  **Moderator  Panel Discussant** |

**▶ Confidentiality Acknowledgement**

This regularly scheduled series (RSS), planned by/presented to the institution's professional staff, is accredited by Baylor College of Medicine (BCM) for *AMA PRA Category 1 Credit*™ for physicians. In connection with my participation in this RSS, I understand that I may be exposed to patient information, research participant information, and/or proprietary information (collectively referred to as "Confidential Information"). I agree to keep this information confidential and not to disclose the information to any other person or entity unless in accordance with applicable federal and state laws and the policies and procedures of BCM and/or its affiliated entities.