



The **APEX-AV study** is led by co-principal investigators **William Brent Keeling, MD**, and **Mona Ranade, MD**. Learn more about these physicians below.



William Brent Keeling, MD

Associate Professor of Surgery, Department of Surgery, at the Emory University School of Medicine, and President, The PERT Consortium™

[Emory Healthcare Physician Homepage](#)

Experience:

Emory University School of Medicine
Fellowship, Thoracic Surgery, 2011

University of South Florida
Residency, Surgery, 2008

University of Louisville School of Medicine
Medical Education, MD, 2001

Board Certifications:

Thoracic and Cardiac Surgery
American Board of Thoracic Surgery, 2012
American Board of Surgery, 2008

CAUTION: The AlphaVac MMA F18⁸⁵ System when used for the treatment of pulmonary embolism, is an investigational device. Limited by United States law to investigational use.



Mona Ranade, MD

Assistant Professor, of Interventional Radiology, at the David Geffen School of Medicine at UCLA

[UCLA Health Physician Homepage](#)

Experience:

Mount Sinai Medical Center

Fellowship, Vascular & Interventional Radiology, 2017
Medical College of Wisconsin Affiliated Hospitals
Residency, Diagnostic Radiology, 2016

University of Wisconsin-Madison School of Medicine
Medical Education, MD, 2011

Board Certification:

Interventional Radiology and Diagnostic Radiology
American Board of Radiology, 2019

William Brent Keeling, MD and Mona Ranade, MD are paid consultants for AngioDynamics, Inc.