Cardioembolic stroke; Sources of embolic material with related distribution, imaging for trans-vascular interventions, and associated embolic complications

As societies around the world age and lifespans increase, we are challenged by the increasing incidence of cardioembolic stroke and the associated human and resource related impact on society. This has led to the development of trans-vascular procedures to address disease states in this fragile patient cohort in whom surgery is frequently contraindicated based on comorbidities. Atrial Fibrillation, the leading cause of cardioembolic disease, valvular sources, and cardiac chamber sources with typical end vessel distribution will be discussed. Pre-procedure imaging, identifiable sources of potential embolic complications, and intra-procedure prophylaxis will be presented.

Biography
Evelyn Garcia completed her M.D. at the University of New Mexico School of Medicine, Diagnostic Radiology residency at the University of New Mexico Medical Center, and Body Imaging fellowship at the University of Utah Medical Center. She is board certified in Diagnostic Radiology and Cardiovascular Computed Tomography. She is the Chairman and Medical Director of Radiology at Virginia Tech Carilion School of Medicine and of Carilion Clinic, a six hospital system with 800 bed flagship Level I Trauma and Stroke certified center. She is imager for the structural heart valve team of Carilion Clinic.

emgarcia@carilionclinic.org