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Elevated Transpulmonary Gradient and Cardiac Magnetic  
Resonance-Derived Right Ventricular Remodeling Predict Poor  
Outcomes in Sickle Cell Disease

Disclosures: Dr. Arai is the principal investigator on a U.S. Government Cooperative Research and Development Agreement (CRADA) with Siemens.

Contributions: The research was designed by KLN, SA, AM, AEA and GJK. Patients were enrolled and clinical data were collected by CS, DA, CPM and GJK. Right heart catheterizations were performed by SA and AM. Echocardiography data were analyzed by VS. Cardiac MR data were analyzed by KLN, SWL and AEA. Biostatistical analysis was conducted by KLN and XT. The manuscript was drafted by KLN, AEA and GJK, and all authors edited the final manuscript.