

Recurrent STEMI Presentations After Aortic Valve Replacement: When You Think You've Seen It All

Recurrent STEMI after SAVR

Suleman Aktaa, MD PhD



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Disclosure of Relevant Financial Relationships

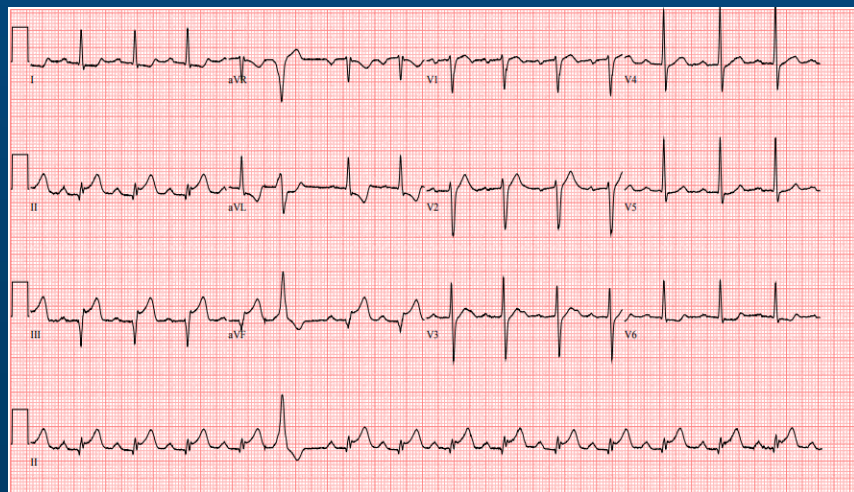
I, [Suleman Aktaa] DO NOT have any financial relationships to disclose.

Case Presentation

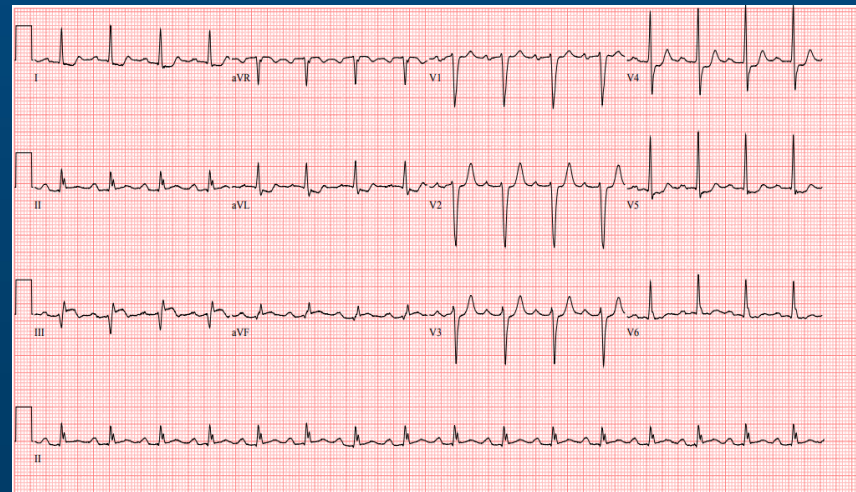
- 63M
- Bicuspid AV, 2006
- Severe symptomatic AS, 2021
- MG 45mmHg, AVA 1.0cm²
- Normal coronaries
- SAVR with 29mm On-X, May 2021
- Mini-sternotomy
- Uncomplicated post-op course
- Discharged on ASA & warfarin (INR 1.5-2.5)
- LVEF 65 %. AV MG 15 mmHg

ECG

December 2024

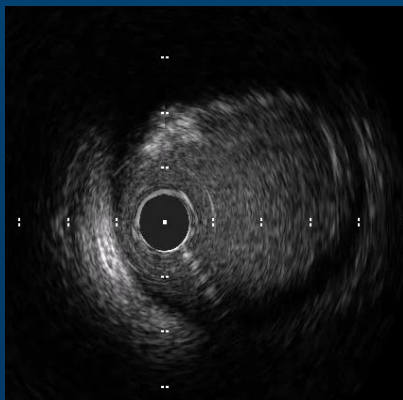
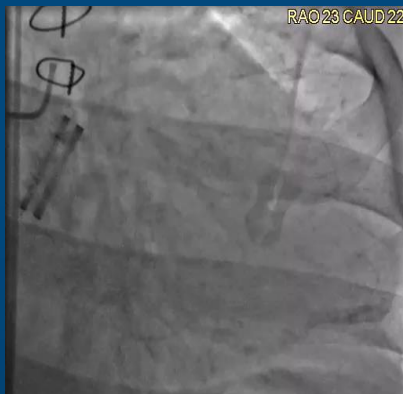
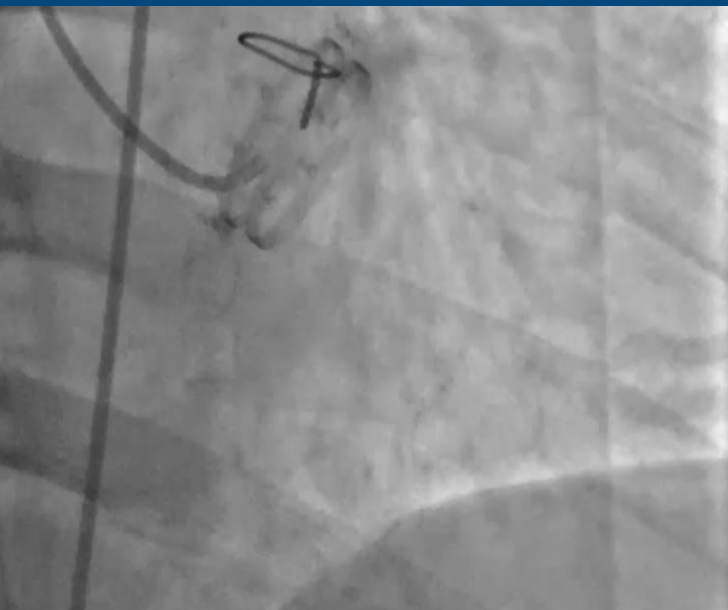


January 2025



INR within range

December 2024



January 2025

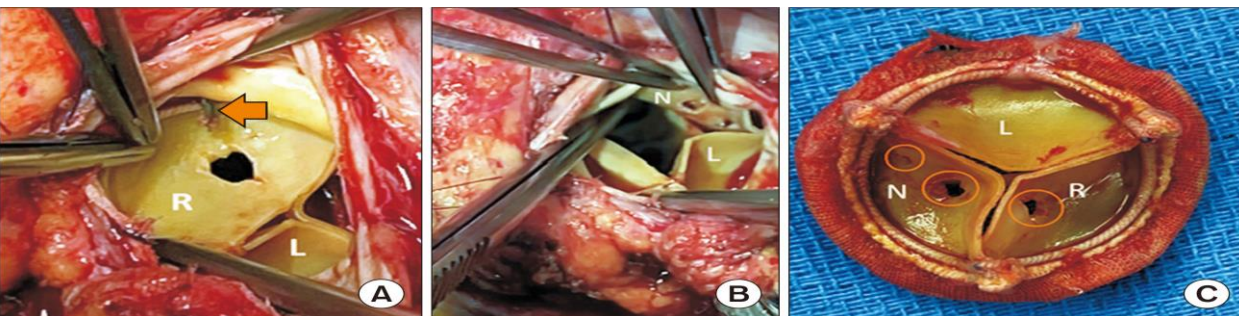




COR-KNOT-Induced Leaflet Perforation: How It Happens and How to Prevent It: A Case Report

Michael Salna, M.D., M.B.A.¹, Jack Shanewise, M.D.², Alex D'Angelo, M.D.¹, Isaac George, M.D.¹

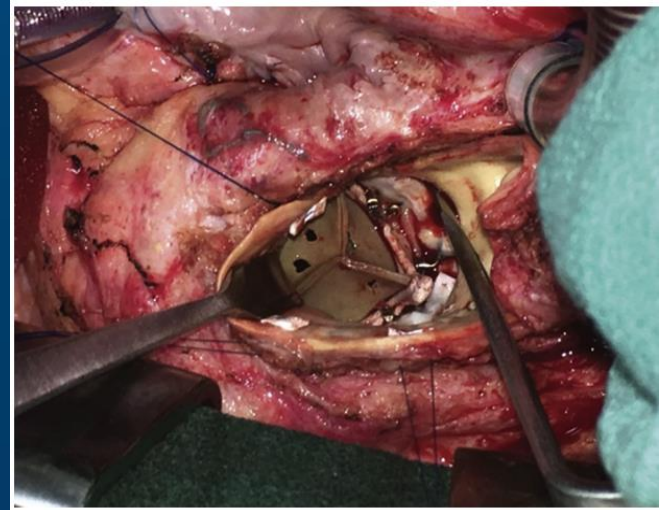
¹Division of Cardiac, Thoracic, and Vascular Surgery, Department of Surgery and ²Division of Cardiac Anesthesiology, Department of Anesthesiology, Columbia University Irving Medical Center, New York, NY, USA



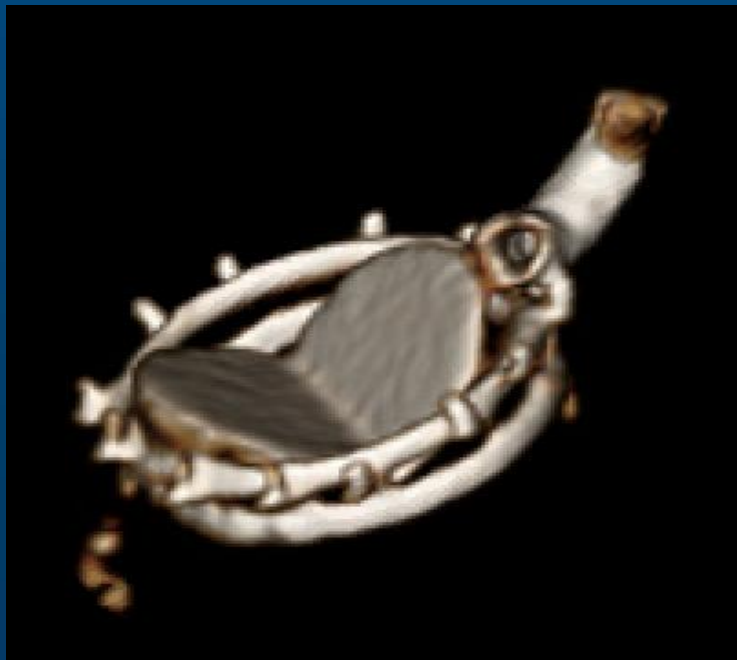
Valvular Regurgitation After Implantation of Prostheses Secured With Cor-Knot Automated Fasteners

Alexander A. Brescia, MD, Steven F. Bolling, MD, and Himanshu J. Patel, MD

Department of Cardiac Surgery, University of Michigan Cardiovascular Center, Ann Arbor, Michigan







Conclusion

- First reported case of STEMI due to COR-KNOT
- COR-KOT can cause coronary artery occlusion
 - Particularly when used in mini-sternotomy SAVR
- *Suspicion* of interaction with coronaries is key
- *Multi-modality imaging* was essential in determining diagnosis

Acknowledgments

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- Dr Janar Sathananthan, MD
- Dr Philipp Blanke, MD