

Case Report

A Case of Mechanical Thrombectomy for Atrial Fibrillation-Associated Stroke



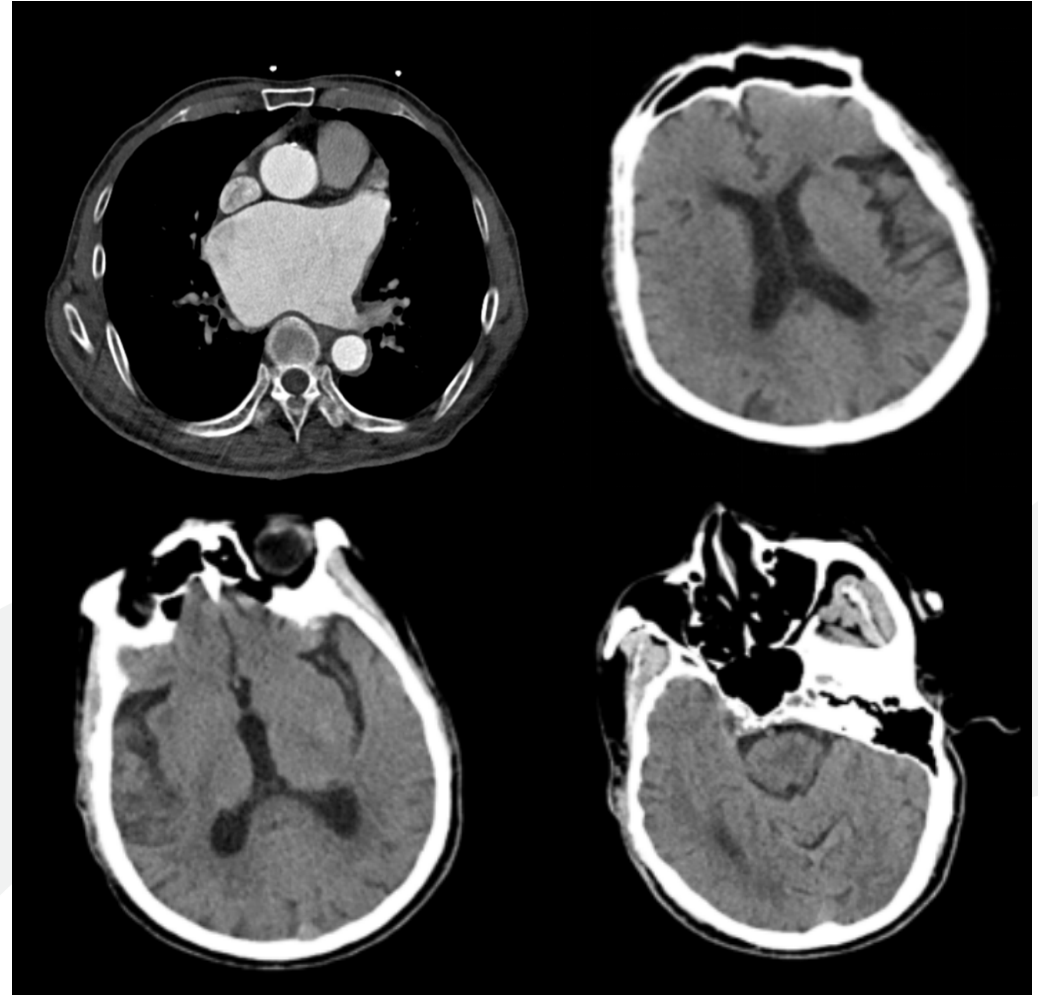
Patient information

- Male, 79 years old
- Unconscious for 30 mins
- Mitral valve stenosis and regurgitation, atrial fibrillation, thrombosis was found in the left atrial appendage
- NIHSS score: 16
- mRS score: 0

*Courtesy of:
Yanpeng Shi, Henan Provincial Chest Hospital*

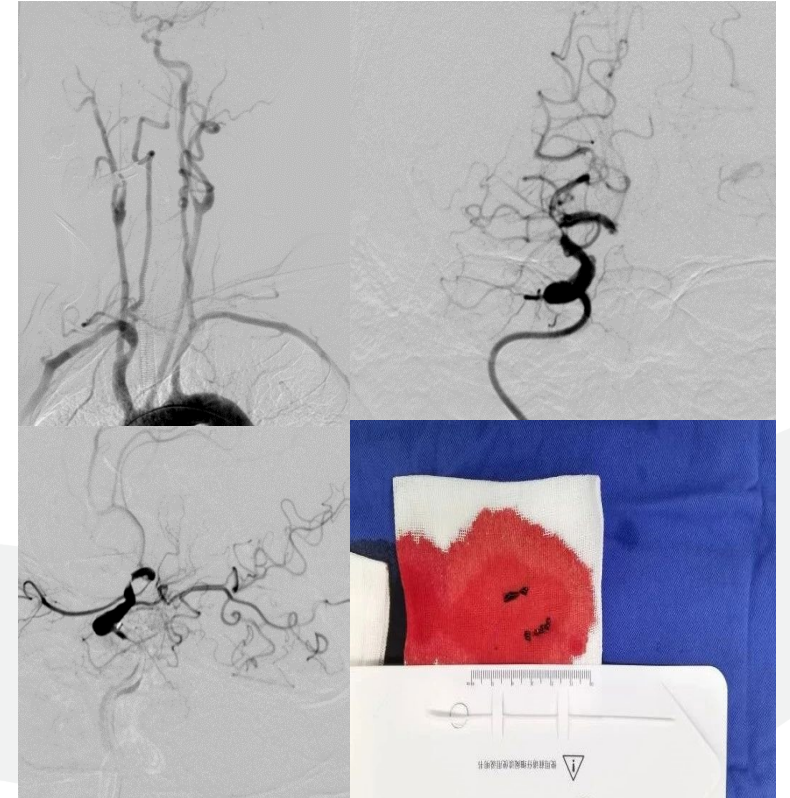
Preoperative Examination

- Acute cerebral infarction (Right ICA cardiogenic embolism)
- Atrial Fibrillation
- Left Atrial Appendage Thrombus



Procedure

- Angiography indicated occlusion of the M1 segment of the right MCA
- **0.014" 200cm Tonbridge Neurovascular Microguidewire** and microcatheter passed through the occluded segment
- **4mm x 20mm Thrombite Clot Retriever Device** was placed in the M2 segment of the right MCA, and a **6F 125cm Cylone Aspiration Catheter** was delivered to the M1 segment of the right MCA under anchorage of the Thrombite Clot Retriever Device



Postoperative Angiography

- Immediate angiography showed restored flow in the right MCA with distal flow mTICI grade 3
- No bleeding on CT 24 hours after the procedure
- NHISS score 2 and mRS score 1, 24 hours postoperatively

