

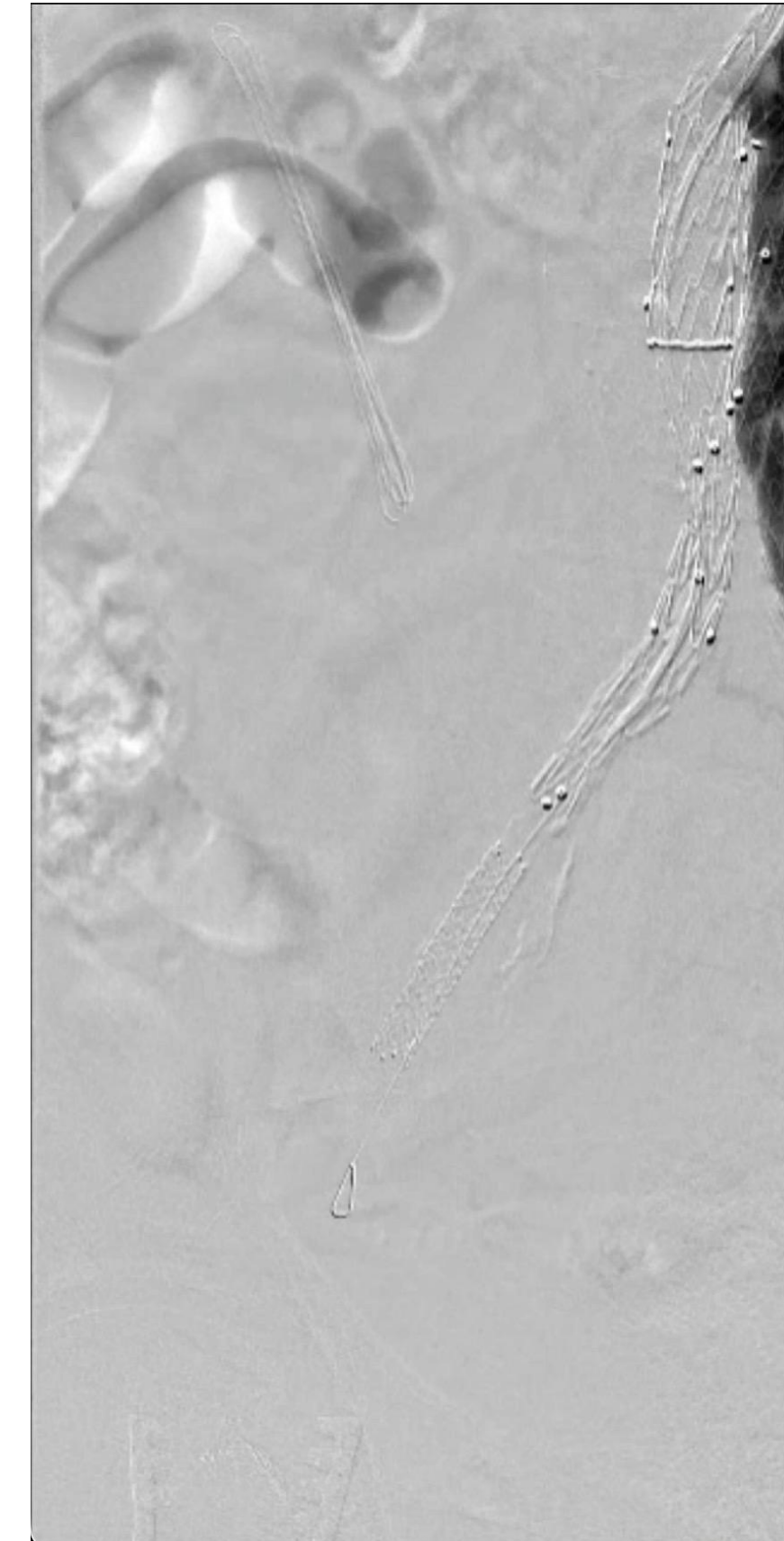
Mechanical Thrombectomy for Post-EVAR Limb Occlusion Complicated by Iliac Artery Perforation: A Case Report

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Background

Post EVAR limb-occlusion

- **Limb occlusion** is a known complication after EVAR
- Can lead to **acute limb ischemia** and functional loss
- **Endovascular approaches** are first-line therapy
- **Mechanical thrombectomy** (Rotarex™ S)
 - High technical success
 - Minimally invasive
 - low risk of vessel injury



Objective:

- To report a case of **post EVAR limb occlusion treated by Rotarex™ S**
- To highlight the management of an intra-procedural complication

Case description

Patient characteristics

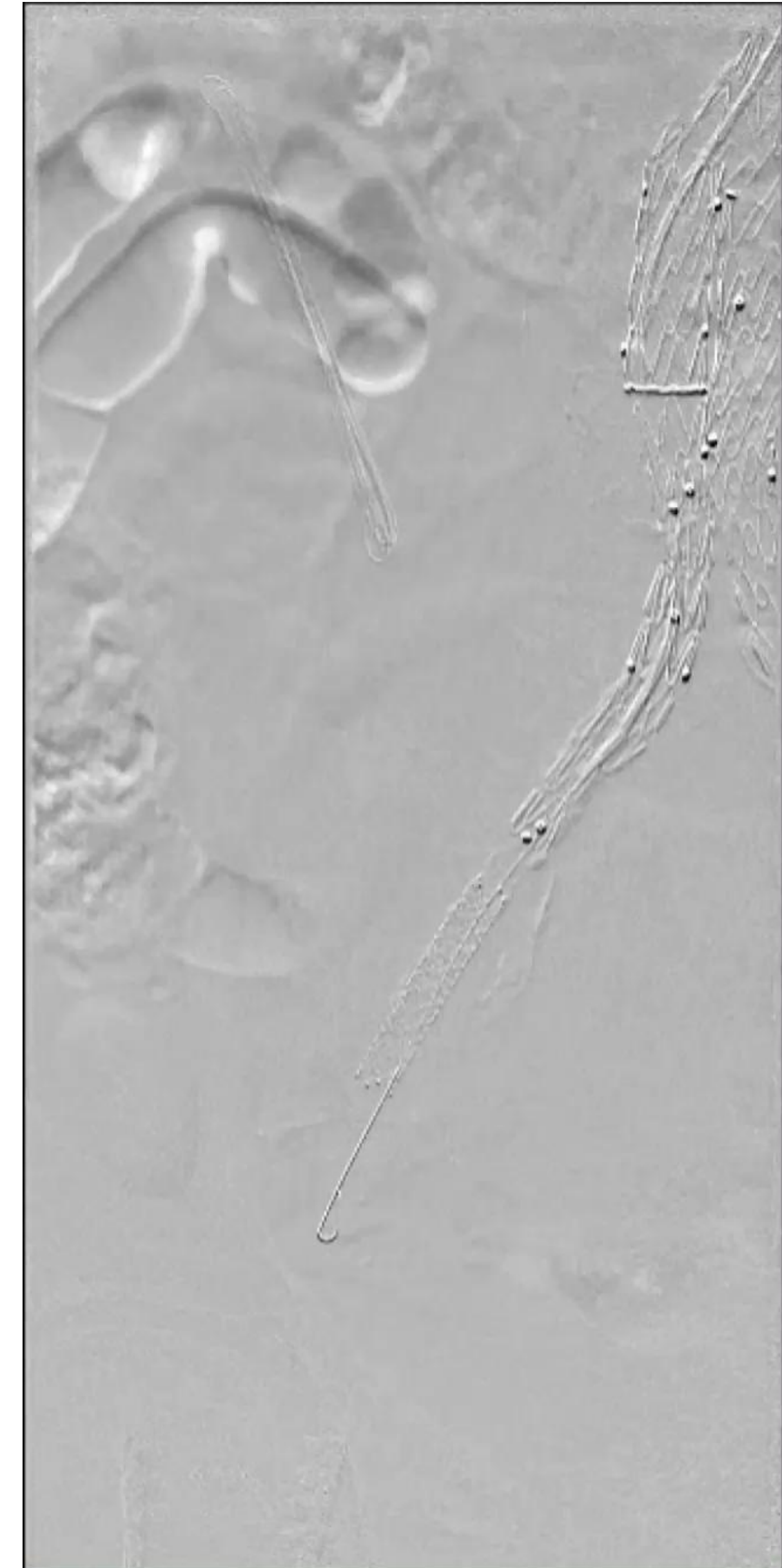
- 81-year-old male
- Medical history: Arterial hypertension, Moderate axonal polyneuropathy, Triple CABG, Right common iliac artery stent

Last procedure

- EVAR for abdominal aortic aneurysm (May 2025)

Clinical presentation

- Acute right lower limb ischemia (Rutherford IIA)
- 5 months after EVAR
- Imaging: occlusion of the right EVAR limb



Endovascular Treatment

Procedure (December 2025)

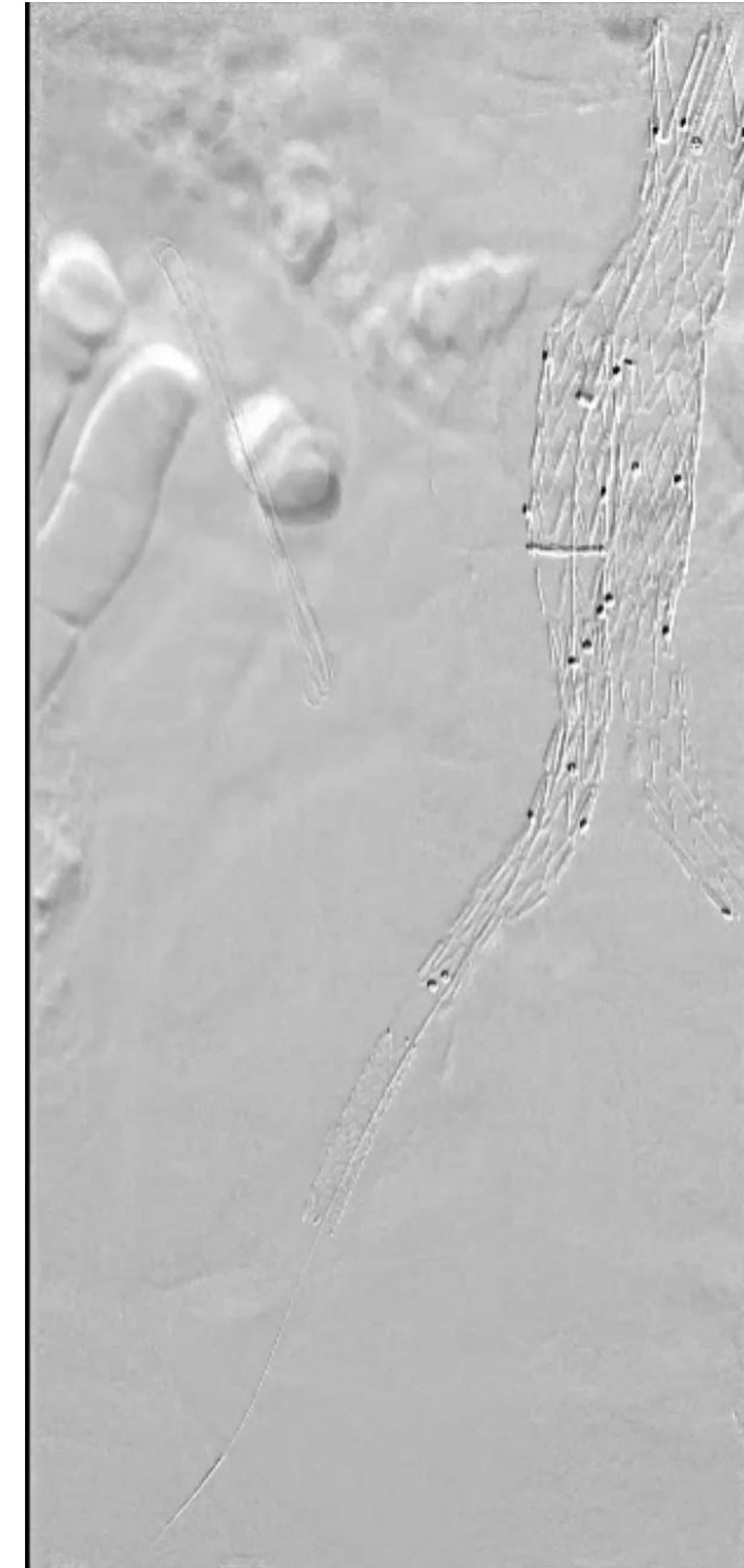
- Mechanical thrombectomy using **Rotarex™ S**
- Successful recanalization of the limb

Complication

- **Iatrogenic perforation** of the right external iliac artery

Management

- Immediate deployment of a **iCOVER™ covered stent**
- Prompt sealing and hemodynamic stability



Outcome and Take-Home Message

Outcome

- Uneventful postoperative course
- Restoration of limb perfusion
- Discharge home on postoperative day 2

Key messages :

- **Mechanical thrombectomy** is effective for post-EVAR limb occlusion
- Vessel injury is a potential complication of **Rotarex™ S**
- **Immediate endovascular** bailout with **covered stent** is safe and effective

