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What is This?
Intimal sarcoma of the inferior vena cava with extension to the right atrium

Aron-Frederik Popov1,2*, Dieter Zenker1, Thomas Lorf3, Paul Zwaka4, Friedrich Albert Schoendube1 and Tomislav Stojanovic1

Figure 1. (A, B) Preoperative magnetic resonance angiography showing an irregular mass with extension. (C) The dimensions of the intimal sarcoma (62 × 64 mm). (D) Postoperative result.

1Department of Thoracic and Cardiovascular Surgery, University of Göttingen, Germany.
2Department of Cardiothoracic Transplantation & Mechanical support, Royal Brompton & Harefield Hospitals, London, United Kingdom.
3Department of General and Visceral Surgery, University of Göttingen, Germany.
4Department of Diagnostic Radiology, University of Göttingen, Germany.

Corresponding author:
Aron-Frederik Popov, MD, Department of Thoracic and Cardiovascular Surgery, University of Göttingen, Robert-Koch Strasse 40, 37099 Göttingen, Germany
Email: Popov@med.uni-goettingen.de
A 65-year-old woman was treated for deep vein thrombosis with extension into the inferior cava vein for 18 months. In a magnetic resonance angiography follow-up study, extensive tumor growth was noted, starting below the renal veins and extending into the right atrium (Figure 1). A transjugular biopsy revealed an intimal sarcoma with no therapeutic option of radiation or chemotherapy. Because of the risk of the tumor prolapsing into the right ventricle, and after an interdisciplinary conference, it was decided to resect the tumor using a multidisciplinary team approach (Figure 2).

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**Conflicts of interest statement**

None declared.