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Intimal sarcoma of the inferior vena cava with extension to the right atrium

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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.

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Figure 2. The resected intimal sarcoma.

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.