

# Multi- and long-segment spinal arteriovenous fistula

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▶ Video

A 56-year-old man complained of hypesthesia in the right lower extremity for 2 months. The same symptoms gradually involved the left lower extremity. Recent onset of dysuria was reported. Physical examination revealed diminished tendon reflexes in both lower extremities and diminished superficial and position sensation in the groin. MRI revealed a vascular malformation, ranging from T9 to L1 (figure). Spinal vessel digital subtraction angiography indicated a spinal dural arteriovenous fistula in the arteria radicularis magna arising from the right L1 intercostal artery and an intradural perimedullary arteriovenous fistula arising from the vertebral artery at C2 (video 1).

## Study funding

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## Disclosure

The authors report no disclosures relevant to the manuscript. Go to [Neurology.org/N](https://www.neurology.org/N) for full disclosures.

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## Figure Magnetic resonance angiography of the vascular malformation

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The vascular malformation ranged from T9 to L1.

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## Appendix Authors

Name	Location	Contribution
<b>Xuefeng Tian, MM</b>	First Affiliated Hospital of Anhui Medical University	Main surgical operator and data collection
<b>Xing Zhang, MD</b>	First Affiliated Hospital of Anhui Medical University	Main surgical operator and director

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## Appendix *(continued)*

Name	Location	Contribution
<b>Lei Ye, MD</b>	First Affiliated Hospital of Anhui Medical University	Drafting and revision of the manuscript
<b>Hongwei Cheng, MD</b>	First Affiliated Hospital of Anhui Medical University	Decision maker for the surgical method and revision of the manuscript

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