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On the Cover

What’s the diagnosis? This 31-year-old patient with ARF underwent an uneventful kidney biopsy with two punctures that disclosed thrombotic microangiopathy. Post biopsy ultrasound examination showed no evidence of perirenal hematoma. Three days later, during plasmapheresis and after a single infusion of heparin 5000 U, shock developed. The patient was rushed to the radiology suite where computed tomography imaging revealed a large left perirenal hematoma and contrast-agent extravasation could be seen. Selective angiography confirmed two puncture sites with contrast extravasation (A). Our talented neuroradiologist quickly placed two coils (B), which stabilized the patient and saved the kidney. The experience illustrates two important points: (1) bleeding after biopsies can be delayed; (2) novel immediate non-surgical treatments are available. We would term this therapeutic structural motif as an example of a “coiled-coil” domain. (Images and text provided by Saban Elitok, MD, Steffen Reissberg, MD, Michael Schnitzbauer, and Friedrich C. Luft, Helios Klinikum-Berlin and Experimental and Clinical Research Center, Berlin, Germany)