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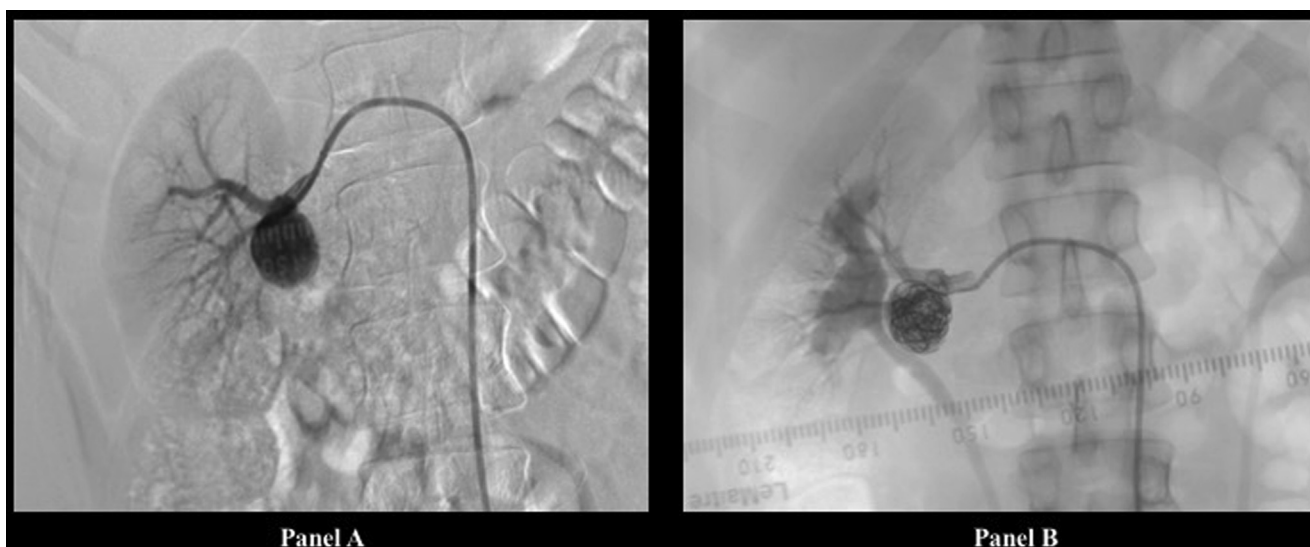
COUP D'OEIL

Endovascular Treatment of Symptomatic Renal Artery Aneurysm with Hostile Anatomy

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A 33 year old patient with no relevant medical history was admitted after the incidental finding of a right renal artery aneurysm on ultrasound performed for persistent flank pain. Computed tomography angiography confirmed a distal 21 mm saccular aneurysm, involving the artery's trifurcation and proximal inferior segmental artery (A). To preserve renal perfusion, a self expandable open-cell nitinol stent (Xpert, Abbott Vascular, Abbott Park, IL, USA) was deployed from the renal to the anterior segmental artery, after which microcatheter coil embolisation (AZUR, Terumo, Shibuya, Tokyo, Japan) of the sac was performed through the stent mesh. Completion angiography revealed total aneurysm exclusion (B) with full preservation of renal perfusion.

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