

Embolization of a Renal Artery Arteriovenous Malformation Using Interlock-18™ Detachable Coils

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CASE PRESENTATION

A 46-year-old woman with an arteriovenous malformation of the renal artery of the left kidney underwent angiographic evaluation, which revealed a large anastomosis of the renal artery with the venous system (Figure 1).

PROCEDURE DESCRIPTION

A Bern-shaped Direxion™ Torqueable Microcatheter with a Fathom™-16 Guidewire was used to distally select the feeding vessel. A first Interlock™-18 detachable coil was deployed (Figure 2).

To let the Dacron® fibers work, we waited a few minutes, but the patency persisted.

The same Direxion™ Microcatheter was used to detach a second and third Interlock™-18 coil (Figure 3). The torquability of the microcatheter allowed us to effectively position these coils and preserve the renal function.

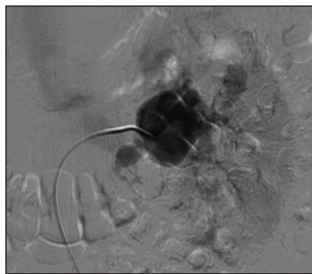


Figure 1.



Figure 2.



Figure 3.

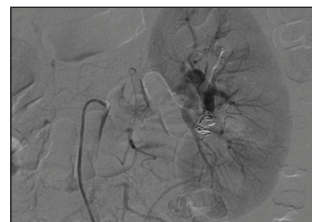


Figure 4.

FOLLOW-UP

The last angiographic control from the diagnostic catheter showed good results (Figure 4).

The anastomosis point was excluded and the renal vascularization was maintained, preserving the renal function. ■

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