

Embolization of a Large Hypogastric Ostium Aneurysm With Interlock™-18 Fibered Detachable Coils

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CASE PRESENTATION

A 77-year-old man presented with a large aneurysm located in the ostium of the hypogastric artery, which was diagnosed during CT control imaging. The angiographic control imaging confirmed a saccular aneurysm that was hemodynamically unstable (Figure 1).

PROCEDURE DESCRIPTION

Using a 155-cm Bern-tip Direxion™ Microcatheter pre-loaded with a Fathom®-16 Guidewire, we were able to engage the hypogastric artery directly from the iliac artery and place the tip inside the aneurysm. The angiographic sac evaluation confirmed the saccular anatomy and showed a large vessel feeding the gluteus (Figure 2).

In order to preserve the hypogastric artery, we chose to embolize with Interlock™-18 Fibered Detachable Coils. The initial framing of the aneurysm was performed using two 22-mm X 60-cm coils. The empty space was packed with two 20-mm X 50-cm coils and three 10-mm X 30-cm coils (Figure 3).

FOLLOW-UP AND DISCUSSION

The last angiographic control showed a complete occlusion of the aneurysm, leaving the gluteus feeding vessel patent (Figure 4).

The Interlock™-18 enabled us to use fewer coils, and the Dacron® fibers allowed us to perform a fast and effective occlusion. ■



Figure 1.

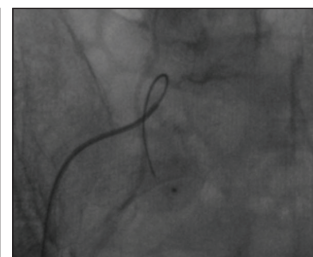


Figure 2.

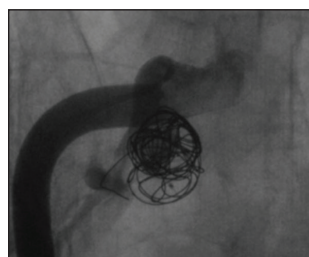


Figure 3.

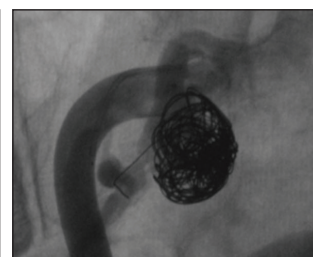


Figure 4.

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Disclosures: None.