



CASE STUDY:

Infrarenal Aortic Aneurysm and Concomitant Right Common Iliac Artery Aneurysm

PATIENT AGE/GENDER

The patient is an 81 year-old male with a 62 mm progressive abdominal aortic aneurysm (AAA).

CASE REPORT BACKGROUND

An 81 year-old male was referred to our centre with a progressive abdominal aortic aneurysm of 62 mm and a 33 mm concomitant CIA aneurysm with a blood flow lumen of 19 mm. Medical history included coronary bypass grafting and COPD Gold 2. Both internal iliac arteries were patent and patient didn't suffer from leg claudication.

METHODS

At the hybrid OR, bilateral groin access was performed surgically. Length measurements were done over a stiff guidewire (Figure 1). Two 180 mm Nellix® stent grafts were chosen. The distal end of the right Nellix® stent frame landed just above the origin of the internal iliac artery. Prefill was performed with 80 ml of non-heparinized saline with a fill pressure of 180 mmHg. Thereafter, 75 ml of polymer were injected with a fill pressure of 188 mmHg. Final angiography showed patent internal iliac arteries and no signs of endoleaks (Figure 2).



Figure 1

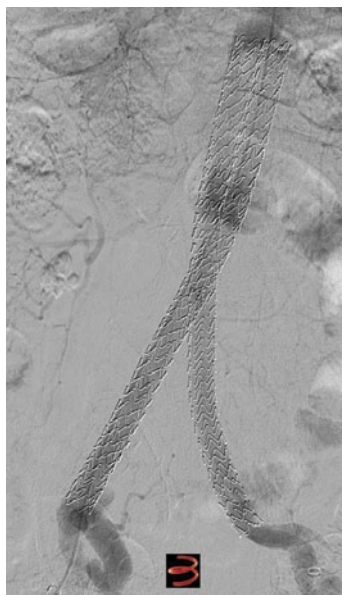


Figure 2



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RESULTS

No EVAS-related complications occurred. One month CT scan showed patent stent frames and no sign of endoleaks (Figure 3). Both renal arteries and internal iliac arteries remained patent.

CONCLUSIONS

The Nellix® EndoVascular Aneurysm Sealing System was successfully used to treat the 62 mm AAA and 33 mm concomitant iliac aneurysm within IFU. The Nellix device can be used to treat concomitant common iliac artery aneurysms with a blood flow lumen diameter <35 mm.



Figure 3



endologix.com/EVAS-Cases

The Nellix® EndoVascular Aneurysm Sealing System and associated components are not available in all countries or regions. Please contact your Endologix representative for details regarding product availability.

Prior to use, refer to the "Instructions for Use" for complete and specific indications, contraindications, all warnings and precautions. Rx only.

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