CONTINUING MEDICAL EDUCATION
ΣΥΝΕΧΙΖΟΜΕΝΗ ΙΑΤΡΙΚΗ ΕΚΠΑΙΔΕΥΣΗ

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Vascular Diseases Quiz – Case 54

A 70-year-old patient with aortoiliac aneurysm underwent endovascular aneurysm repair (EVAR) with a cook zenith device and an internal branch device (IBD) for the left internal iliac artery. After two days the patient's protocol abdominal x-ray was the above image.

(a) What pathology was shown in x-ray (fig. 1)?

(b) Which is the preferred approach and when?

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Figure 1

Comment

Endoleak type III between the IBD and the contralateral limb (the arrow).

Treatment can be endovascular or open according to anatomic features. In this case, an endovascular approach was chosen because of the short gap between the limbs (insertion of an endograft limb extension). Type III endoleaks should be treated promptly because they are associated with considerable risk of aneurysm rupture.

References

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Answer: *Endoleak type III between the internal branch device and the contralateral limb*

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