

CONTINUING MEDICAL EDUCATION ΣΥΝΕΧΙΖΟΜΕΝΗ ΙΑΤΡΙΚΗ ΕΚΠΑΙΔΕΥΣΗ

Vascular Diseases Quiz – Case 53

A patient was diagnosed with symptomatic right internal carotid stenosis (>80%). Based on his digital subtraction angiography (DSA) (fig. 1) and operative findings which operative technique should the patient undergo: Eversion carotid endarterectomy (E-CEA) or conventional carotid endarterectomy (C-CEA)?



Figure 1

Comment

The DSA reveals 80% stenosis and kinking corresponding to the segment distal to the stenosis region. Figure 2 in the operative field shows the same findings. The treatment of the stenosis and arterial kinking at the same time makes the E-CEA preferable. The E-CEA offers the ability of shortening the internal carotid artery (ICA) with resection of a portion and reimplantation onto the carotid bulb.

In conclusion, eversion technique in E-CEA represents an ideal operative technique in the case of carotid stenosis combined with kinking.

References

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Figure 2

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Answer: Eversion carotid endarterectomy (E-CEA)