

Early and midterm outcomes following open surgical conversion after failed endovascular aneurysm repair from the “Italian North-East Registry of surgical Conversion after Ever” (INTRICATE)

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Abstract

Objective:


To report the early and mid-term outcomes following open surgical conversion (OSC) after failed endovascular aortic repair (EVAR) using data from a metacentric registry.

Methods:

A retrospective study was carried out on consecutive patients undergoing OSC after failed EVAR at eight tertiary vascular units from the same geographic area in the North-East of Italy, from April 2005 to November 2019. Study endpoints included early and follow-up outcomes.

Conclusions:

OSC after failed EVAR was associated with relatively high rates of early morbidity and mortality, particularly for emergency setting surgery. Endoleaks with secondary sac expansion were the main indication for OSC, and suprarenal aortic cross-clamping was frequently required. Endograft infection and emergent treatment remained associated with poorer short- and long-term survival.

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Biography

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