

Adverse complications of Frozen elephant trunk, do we have enough quality data?

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Abstract

Frozen elephant trunk (FET) has in recent times become a mainstay for total arch replacement (TAR) in aortovascular surgery and is indicated in order to treat a spectrum of complex aortic pathologies. However, despite associated excellent post-operative results it is incredibly important to recognise potential adverse complications such as negative aortic remodelling, endoleak and distal stent-graft induced new entry so that outcomes can be further improved. Below we provide commentary on a recent article in the Journal of Cardiac Surgery discussing the topic. Despite the fascinating outcomes of this systematic review and meta-analysis the heterogeneity of the literature regarding these adverse outcomes remains an issue which can only be solved with large multi-centre trials directly comparing graft types as well as indications for surgery.

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Commentary on 'Aortic remodeling, distal stent-graft induced new entry and endoleak following frozen elephant trunk' is available at <https://authorea.com/users/503091/articles/582895-adverse-complications-of-frozen-elephant-trunk-do-we-have-enough-quality-data>