Transcarotid artery revascularization (TCAR): a technical video

Nanthiya Sujijantarat,¹ Joseph Antonios,¹ Andrew Koo,¹ Daniela Renedo,¹ Branden J Cord ²,³ Akli Zetchi,¹ Ryan Hebert,¹ Charles Matouk ¹

ABSTRACT
Carotid revascularization is an important method of stroke prevention and includes carotid endarterectomy and transfemoral carotid angioplasty and stenting. More recently, a hybrid open-endovascular approach, termed transcarotid artery revascularization (TCAR), is garnering increased attention. Although fundamentally a ‘stenting procedure’, unlike transfemoral carotid angioplasty and stenting, TCAR allows for a proximal neuroprotection strategy based on flow reversal. In this technical video, we will review operative techniques and nuances of the TCAR procedure, with a particular focus on the neurovascular proceduralist looking to adopt this technique into routine clinical practice (video 1).

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ORCID iDs
Branden J Cord http://orcid.org/0000-0002-9120-5989
Charles Matouk http://orcid.org/0000-0003-3234-9541