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Long term outcome of symptomatic patients undergoing hybrid revascularization for carotid tandem stenosis

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Disclosure

I do not have any potential conflict of interest



Introduction

- Multilevel disease
- Internal carotid artery (ICA) + common carotid (CCA) or innominate artery (IA)
- Challenging to treat
- Guidelines: No definitive recommendation

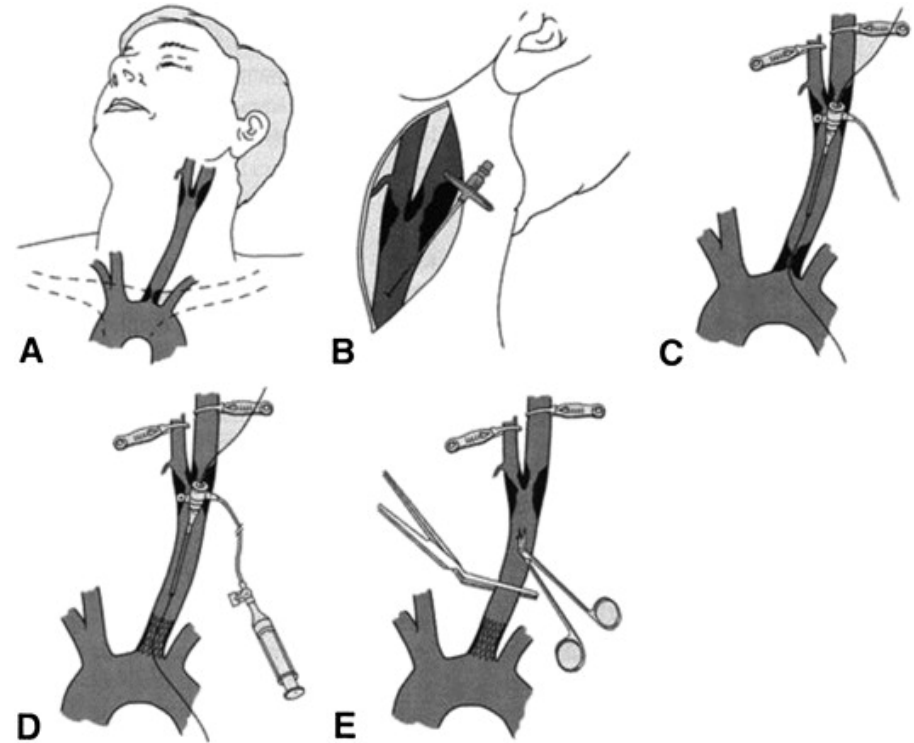
Aim:

To assess the long term outcome of patients undergoing hybrid revascularization for symptomatic carotid artery tandem stenosis



Methods

- 2003-2017
- Symptomatic patients
- Hybrid revascularization
- Yearly clinical and imaging follow up



Results

Characteristics	Total 16 patients	Outcome	Patients	Time to event (m)
Female	13	Outcome < 30 days (n)		
Age	68 (IQR 62 – 71)	TIA	0	
Contralateral stenosis >50%	0	Stroke	0	
TIA	13	MI	2	
Stroke	3	Death	0	
Antiplatelet medication	14	Outcome >30 days (n)		
Lipid lowering medication	14	TIA	1	34
Previous ipsilateral CEA	4	Stroke	1	4
Site of proximal lesion		MI	1	1,5
CCA	13	Death (related)	0	
IA	3	Death (non-related)	3	1,5; 5; 48
		Follow up period (months)	73 (IQR 22-85)	
		Restenosis (ICA)	1	



Conclusion

Hybrid revascularization is feasible and safe

Surgical outcomes need to be offset against the natural course

