

- 30 Emmott A, Alzahrani H, Alreshidan M, Therrien J, Leask RL, Lachapelle K. Transesophageal echocardiographic strain imaging predicts aortic biomechanics: beyond diameter. *J Thorac Cardiovasc Surg* 2018;156:503–12.e1.
- 31 Teixeira R, Moreira N, Baptista R, Barbosa A, Martins R, Castro G, et al. Circumferential ascending aortic strain and aortic stenosis. *Eur Heart J Cardiovasc Imaging* 2013;14:631–41.

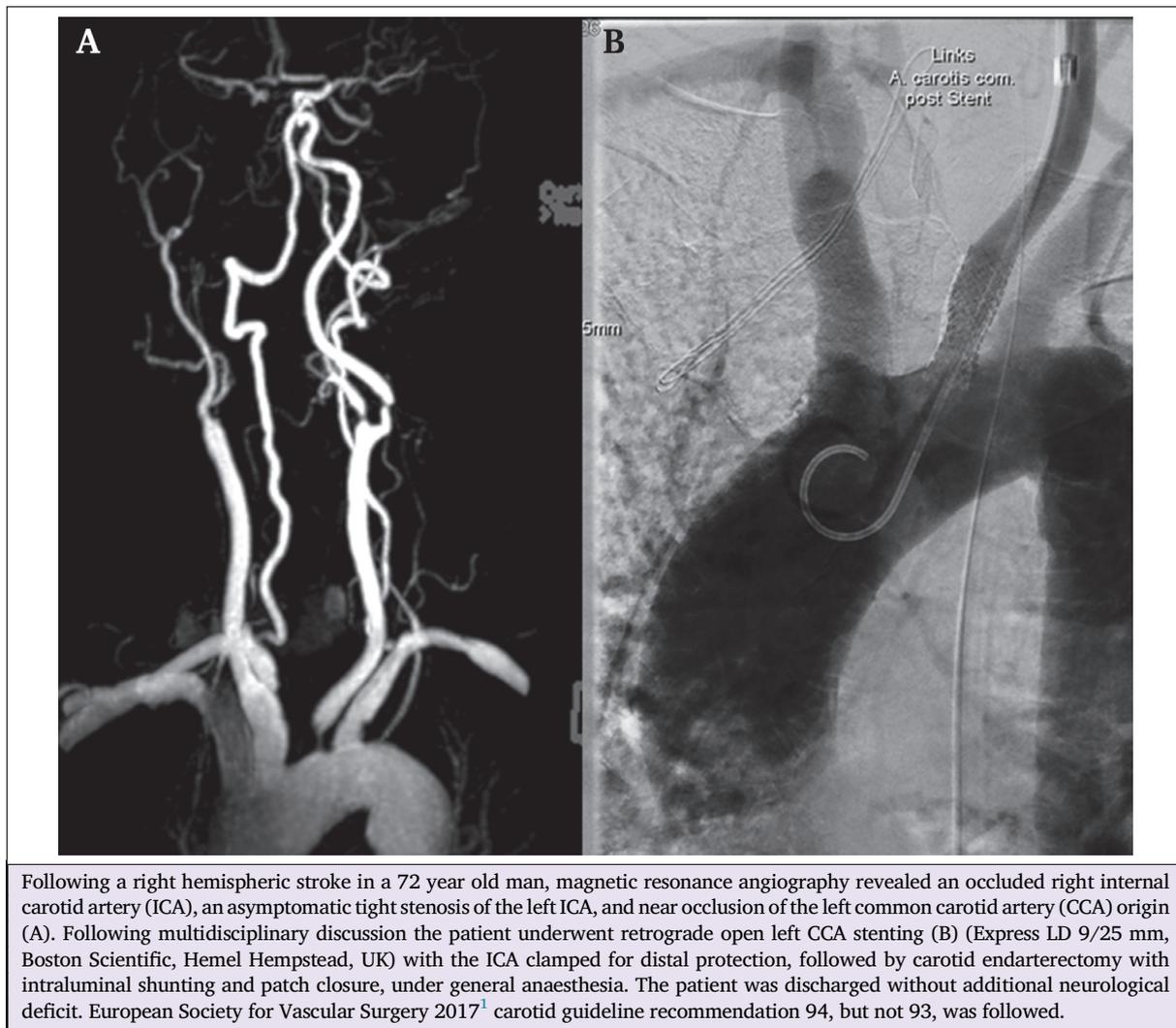
Eur J Vasc Endovasc Surg (2019) 58, 528

COUP D'OEIL

Hybrid Management of Tandem Carotid Arterial Stenoses with Contralateral Carotid Occlusion

Tina Cohnert*, Peter Konstantiniuk

Dept. of Vascular Surgery, Graz Medical University, Graz University Hospital, Graz, Austria



REFERENCE

- 1 Naylor AR, Ricco J-B, de Borst GJ, Debus S, de Haro J, Halliday A, et al. Management of atherosclerotic carotid and vertebral artery

disease: 2017 clinical practice guidelines of the European Society for Vascular Surgery (ESVS). *Eur J Vasc Endovasc Surg* 2018;55(1): 3–81.

* Corresponding author. Dept. of Vascular Surgery, Graz Medical University, Graz University Hospital, Graz, Austria.

E-mail address: tina.cohnert@medunigraz.at (Tina Cohnert).

1078-5884/© 2019 European Society for Vascular Surgery. Published by Elsevier B.V. All rights reserved.

<https://doi.org/10.1016/j.ejvs.2019.07.001>