Article begins on page three of this document.

Title	Advances in stroke medicine
-------	-----------------------------

Authors:

	Title	First name	Mid initials	Last name	Postnom (eg, PhD) [3 only for publication]	Position1	Address1	Position2	Address2	Tel	Email
1	Prof.	Bruce	CV	Campbell	MBBS, BMedSc, PhD, FRACP, FAHMS	bruce.campbell@mh.org.au	1				bruce.campbell@mh.org.au
2											
3											
4											
5											

Number of corresponding author:	1
Number of alternative corresponding author:	

Addresses:

	Institution	City	State	Post Code	
1	Melbourne Brain Centre, Royal Melbourne Hospital, University of Melbourne	Melbourne	VIC	3050	
2					
3					
4					
5					

Postal address of first corresponding author (if different from the institutional address given above)	
--	--

Primary Keywords [Office use only]	Nervous system diseases; Hematologic diseases; Vascular diseases; Diagnostic techniques and procedures; Cardiovascular diseases
Secondary keywords [Office use only]	Stroke; Thrombolysis; Endovascular procedures; Computed tomography; Cerebrovascular disorders
Notes:	

Article details (press ctrl – 9 to enter details):

Office use

This is the author manuscript accepted for publication and has undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the [Version of Record](#). Please cite this article as [doi: 10.1002/MJA2.50433](#)

This article is protected by copyright. All rights reserved

Article type	Letter
Blurb	

<i>Ms. Number</i>	mja19.00519. R1
<i>Medical editor</i>	Wendy Morgan
<i>Medical editor email</i>	wmorgan@mja.com.au
<i>Structural editor</i>	Laura Teruel
<i>Structural editor email</i>	lteruel@mja.com.au
<i>Section/Category</i>	Letters to the editor (reply)
<i>Strapheading</i>	Letter
<i>Substrap</i>	

Wiley – file data:

Filename for copyediting	cam_mja19.00519_ms.docx
Accompanying graphics	None
Stock images	None
Appendices	None

Office use – history:

Event	Date
Original submission received	05/06/2019

Event	Date
Accept	06/08/2019

Proof sent to author	
Proof returned by author	
Published (date format xx/xx/xx)	13/01/20
Issue	1
Vol	212
DOI	10.5694/mja19.00519
Journal	The Medical Journal of Australia
Original article DOI (for response)	

Advances in stroke medicine

IN REPLY: I thank Chen and Richards for highlighting the important role of carotid endarterectomy for high grade symptomatic stenosis in stroke prevention. As this therapy was established in the 1990s,^{1,2} it was not a focus of the review published in the *MJA*.³ Nonetheless, carotid endarterectomy is still a central part of the therapeutic armamentarium to reduce the risk of recurrent stroke. The absolute risk reduction in recurrent stroke of about 14% for patients with 70–99% symptomatic stenosis (but not near-occlusion) observed in the pivotal trials⁴ may not be as great in contemporary practice with the use of high potency statins and an early combined antiplatelet strategy with aspirin and clopidogrel. This intensive medical therapy is essential in patients with atherosclerotic stroke mechanisms, regardless of whether an endarterectomy is performed, given the risk of recurrent disease and plaque rupture in other regions of the vasculature.

Competing interests: No relevant disclosures.

Author details

Bruce CV Campbell

Melbourne Brain Centre, Royal Melbourne Hospital, University of Melbourne, Melbourne, VIC.

bruce.campbell@mh.org.au

doi: 10.5694/mja19.00519

References

- 1 Barnett HJ, Taylor DW, Eliasziw M, et al. Benefit of carotid endarterectomy in patients with symptomatic moderate or severe stenosis. North American Symptomatic Carotid Endarterectomy Trial Collaborators. *N Engl J Med* 1998; 339: 1415-1425.
- 2 Randomised trial of endarterectomy for recently symptomatic carotid stenosis: Final results of the MRC European Carotid Surgery Trial (ECST). *Lancet* 1998; 351: 1379-1387.
- 3 Campbell BC. Advances in stroke medicine. *Med J Aust* 2019; 210: 367-374. <https://www.mja.com.au/journal/2019/210/8/advances-stroke-medicine>
- 4 Orrapin S, Rerkasem K. Carotid endarterectomy for symptomatic carotid stenosis. *Cochrane Database Syst Rev* 2017; (6): CD001081.

Minerva Access is the Institutional Repository of The University of Melbourne

Author/s:

Campbell, BCV

Title:

Advances in stroke medicine

Date:

2019-11-25

Citation:

Campbell, B. C. V. (2019). Advances in stroke medicine. MEDICAL JOURNAL OF AUSTRALIA, 212 (1), <https://doi.org/10.5694/mja2.50433>.

Persistent Link:

<http://hdl.handle.net/11343/286656>