



Cover image: Classification of cavernous internal carotid artery tortuosity by measurement of anterior and posterior genu angles.

Editor

Robert W Tarr

Associate Editors

Felipe Albuquerque
Michael Chen
Dave Fiorella
Rishi Gupta
Joshua Hirsch
Italo Linfante
William Mack
J Mocco
Ansaar Rai

Associate Editor, Basic Science

Matthew Gounis

Assistant Editors, Social Media

Andrew Ducruet
Kyle Fargen

Assistant Editor, Point-Counterpoint Section

Kristine Blackham

Assistant Editor, Book Review Section

Albert Yoo

SNIS Executive Director

Marie Williams

Editorial Office

Journal of NeuroInterventional Surgery BMJ Publishing Group Ltd
BMA House
Tavistock Square
London, WC1H 9JR, UK

T: +44 (0)20 7383 6170

E: info.jnis@bmjgroup.com

Guidelines for authors and reviewers

Full instructions are available online at <http://JNIS.bmj.com/fora>. Articles must be submitted electronically <http://mc.manuscriptcentral.com/jnis>. Authors retain copyright but are required to grant JNIS an exclusive licence to publish <http://JNIS.bmj.com/fora/licence.dtl>

ISSN: 1759-8478 (print)

ISSN: 1759-8486 (online)

Twitter: @JNIS_BMJ

Disclaimer: While every effort is made by the publishers and editorial board to see that no inaccurate or misleading data, opinions, or statements appear in this Journal, they wish to make it clear that the data and opinions appearing in the articles and advertisements herein are the responsibility of the contributor or advertiser concerned.

Accordingly, the publishers and the Society of NeuroInterventional Surgery, the editorial committee and their respective employees, officers and agents, accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement. While every effort is made to ensure that drug doses and other quantities are presented accurately, readers are advised that new methods and techniques involving drug usage, described within this Journal, should only be followed in conjunction with the drug manufacturer's own published literature.

Copyright: © 2015 Society of NeuroInterventional Surgery. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without prior permission.

Journal of NeuroInterventional Surgery is published by BMJ Publishing Group Ltd, typeset by Techset, India and printed in the US.

Journal of NeuroInterventional Surgery (ISSN 1759-8478) is published monthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to Journal of NeuroInterventional Surgery, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Editor's column

623 Red pill, blue pill: reflections on the emerging large vessel stroke 'market'
A T Rai

Editorial

626 Too much guidance
D Fiorella, J Mocco, A S Arthur, S Levine, F C Albuquerque, D Frei, R D Turner, A Turk, A H Siddiqui, W J Mack, A Alexandrov, J A Hirsch, R W Tarr

Hemorrhagic stroke

628 Classification of cavernous internal carotid artery tortuosity: a predictor of procedural complexity in Pipeline embolization
L-M Lin, G P Colby, B Jiang, C Uwandu, J Huang, R J Tamargo, A L Coon

634 Flow diverter stents for unruptured saccular anterior circulation perforating artery aneurysms: safety, efficacy, and short-term follow-up
A L Kühn, S Y Hou, M Perras, C Brooks, M J Gounis, A K Wakhloo, A S Puri

641 A reappraisal of the Pipeline embolization device for the treatment of posterior circulation aneurysms
F C Albuquerque, M S Park, A A Abia, R W Crowley, A F Ducruet, C G McDougall

646 Periprocedural and mid-term technical and clinical events after flow diversion for intracranial aneurysms
A M Burrows, H Cloft, D F Kallmes, G Lanzino

652 Critical assessment of complications associated with use of the Pipeline Embolization Device
M S Park, F C Albuquerque, M Nanaszko, M R Sanborn, K Moon, A A Abia, C G McDougall

660 Treatment results of endosaccular coil embolization of asymptomatic unruptured intracranial aneurysms in elderly patients
H Oishi, M Yamamoto, S Nonaka, T Shimizu, K Yoshida, T Mitsuhashi, H Arai

Ischemic stroke

666 Comparison of endovascular treatment approaches for acute ischemic stroke: cost effectiveness, technical success, and clinical outcomes
A S Turk, R Turner, A Spiotta, J Vargas, C Holmstedt, S Ozark, J Chalela, T Turan, R Adams, E C Jauch, H Battenhouse, B Whitsitt, M Wain, M I Chaudry

671 Urgent off-label use of the pipeline flow diverter stent in selected ischemic cerebrovascular conditions: thrombotic segments and tortuous arteries
J E Cohen, J M Gomori, G Rajz, E Itshayek, R Eichel, R R Leiker

Basic science

676 Aneurysm permeability following coil embolization: packing density and coil distribution
J-Y Chueh, S Vedantham, A K Wakhloo, S L Carniato, A S Puri, C Bzura, S Coffin, A A Bogdanov Jr, M J Gounis

Head and neck

682 Endovascular therapy of extracranial carotid artery pseudoaneurysms: case series and literature review
C J Seward, T M Dumont, E I Levy



Scan here to listen to a podcast with Matthew Gounis.

MORE CONTENTS ►



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



This article has been made freely available online under the BMJ Journals Open Access scheme. See <http://JNIS.bmj.com/site/about/guidelines.xhtml#open>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

<http://publicationethics.org/>



Receive regular table of contents by email. Register using this QR code.



J NeuroIntervent Surg: first published as on 1 September 2015. Downloaded from <http://JNIS.bmj.com/> on August 10, 2022 by guest. Protected by copyright.

- 690** Bilateral inferior petrosal sinus sampling using desmopressin or corticotropin-releasing hormone: a single-center experience
A R Deipolyi, B Alexander, J Rho, J A Hirsch, R Oklu

Socioeconomics

- 695** Racial and insurance based disparities in the treatment of carotid artery stenosis: a study of the Nationwide Inpatient Sample
W Brinjikji, A M El-Sayed, D F Kallmes, G Lanzino, H J Cloft

Electronic pages

- e31** Angiographic suppression of the artery of Adamkiewicz by venous hypertension resolving after embolization in a case of spinal epidural arteriovenous fistula
D E Sorte, C A Pardo, P Gailloud
- e32** External carotid stenting for symptomatic stenosis in a patient with patent EDAS for Moyamoya disease
E Schmidt, L Parker, J F Fraser