



#### Editor-in-Chief

Felipe C. Albuquerque

#### Deputy Editors

David Fiorella

Joshua Hirsch

#### Commissioning Editor

Michael Chen

#### Associate Editors

Franziska Dorn

Kyle Fargen

Jens Fiehler

Urs Fischer

William Mack

James Milburn

J Mocco

Isil Saatci

Gabor Toth

Philip White

#### Associate Editors, Basic Science

Matthew Gounis

David Steinman

#### Assistant Editors, Social Media

Dorothea Altschul

Reade DeLeacy

Andrew Ducruet

Michael Levitt

#### Assistant Editors, Technical Videos

Peter Kan

Maxim Mokin

#### Fellows of JNIS

Jose Danilo Diestro

Adrien Guenego

Lila Sheikhi

#### Editor Emeritus

Robert Tarr

#### SNIS Executive Director

Marie Williams

#### Guidelines for Authors and Reviewers

Full instructions are available online at <http://jniss.bmj.com/pages/authors/>. Articles must be submitted electronically (<http://authors.bmj.com/submitting-your-paper/>). Authors retain copyright but are required to grant JNIS an exclusive licence to publish (<http://authors.bmj.com/submitting-your-paper/copyright-and-authors-rights/>).

ISSN: 1759-8478 (print)

ISSN: 1759-8486 (online)

Twitter: @JNIS\_BMJ

**Disclaimer:** The Editor of *Journal of NeuroInterventional Surgery* has been granted editorial freedom and *Journal of NeuroInterventional Surgery* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *Journal of NeuroInterventional Surgery* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *Journal of NeuroInterventional Surgery* does not imply endorsement. Neither SNIS nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *Journal of NeuroInterventional Surgery* (except for liability which cannot be legally excluded).

**Copyright:** © 2021 Society of NeuroInterventional Surgery. All rights reserved; no part of this publication may be reproduced in any form without permission.

*Journal of NeuroInterventional Surgery*, ISSN 1759-8478, BMA House, Tavistock Square, London WC1H 9JR, UK. The US annual subscription price is \$272. Airfreight and mailing in the USA by agent named World Container Inc., 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256.

US Postmaster: Send address changes to *Journal of NeuroInterventional Surgery*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at: BMJ, 12th Floor, Southgate House, Wood Street, Cardiff CF10 1GH, UK. Air Business Ltd is acting as our mailing agent.

## Abstracts from the 13th annual ESMINT Congress

- A1–A9** Haemorrhagic
- A9–A12** Brain AVM/AVF, spinal vascular malformations
- A12–A15** Miscellaneous
- A15–A16** Logistics
- A16–A17** Imaging
- A17–A27** Treatment
- A28–A29** Author index

This abstract book has been produced by the BMJ Publishing Group from electronic files supplied by the authors. The abstracts have been formatted for consistency but **not edited** for content.

Every effort has been made to reproduce faithfully the abstracts as submitted. However, no responsibility is assumed by the publishers or organisers for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instruments, or ideas contained in the material herein.

We recommend independent verification of diagnosis and drug dosages.