

## Introduction

S1 **The Neurointerventional Revolution: Past, Present, and Onward**

A.P. Jadhav, M. Mokin, S.A. Sheth, and A.E. Hassan

## Policy

S6 **Global Epidemiology of Stroke and Access to Acute Ischemic Stroke Interventions**

V. Saini, L. Guada, and D.R. Yavagal

S17 **Stroke Center Designations, Neurointerventionalist Demand, and the Finances of Stroke Thrombectomy in the United States**

Z. Bulwa and M. Chen

## Prehospital & Triage

S25 **Prehospital Stroke Triage**

A. Ramos, W.R. Guerrero, and N. Pérez de la Ossa

S34 **Direct Transfer to Angiosuite in Acute Stroke: Why, When, and How?**

M. Requena, Z. Ren, and M. Ribo

## Neuroimaging

S42 **Overview of Imaging Modalities in Stroke**

A.L. Czap and S.A. Sheth

S52 **Imaging as a Selection Tool for Thrombectomy in Acute Ischemic Stroke: Pathophysiologic Considerations**

J.M. Thon and T.G. Jovin

S60 **Infarct Progression in the Early and Late Phases of Acute Ischemic Stroke**

H. Saber and D.S. Liebeskind

S68 **Thrombus Composition, Imaging, and Outcome Prediction in Acute Ischemic Stroke**

R.A. Joundi and B.K. Menon

## Endovascular Therapy

S79 **Prognostic Scores for Large Vessel Occlusion Strokes**

S.A. Raza and S. Rangaraju

S91 **Biomarkers of Technical Success After Embolectomy for Acute Stroke**

N. Ajiboye and A.J. Yoo

S105 **Periprocedural Management During Stroke Thrombectomy**

C.Z. Simonsen, J. Bösel, and M. Rasmussen

S115 **Complications of Mechanical Thrombectomy in Acute Ischemic Stroke**

R. Krishnan, W. Mays, and L. Eljovich

S126 **Indications for Mechanical Thrombectomy for Acute Ischemic Stroke: Current Guidelines and Beyond**

A.P. Jadhav, S.M. Desai, and T.G. Jovin

## Extracranial and Intracranial Disease

S137 **Carotid Artery Stenting: Applications and Technical Considerations**

A.R. Al-Bayati, R.G. Nogueira, and D.C. Haussen

S145 **Intracranial Atherosclerotic Disease: Current Concepts in Medical and Surgical Management**

W.G. Tekle and A.E. Hassan

S158 **Posterior Circulation Ischemia in the Endovascular Era**

R. Novakovic-White, J.M. Corona, and J.A. White

## Pharmacology

S170 **Reflection on the Past, Present, and Future of Thrombolytic Therapy for Acute Ischemic Stroke**

S.L. Demel, R. Stanton, Y.N. Aziz, O. Adeoye, and P. Khatri

## Future Directions

S178 **Collateral Circulation Augmentation and Neuroprotection as Adjuvant to Mechanical Thrombectomy in Acute Ischemic Stroke**

S.M. Desai, R.M. Jha, and I. Linfante

S185 **The Future of Endovascular Therapy**

M.A. Jumaa, H. Salahuddin, and R. Burgess

S194 **Food and Drug Association Approval Process for Devices Used in Endovascular Treatment of Stroke**

S. Gangadhara, A. Siddiqui, and M. Mokin

---

## ➔ Ahead of Print Articles and Editorials

[NPub.org/aheadofprint](https://www.npub.org/aheadofprint)

---

# Neurology<sup>®</sup>

**97 (20 Supplement 2)**  
*Neurology* 2021;97;S34-S157

**This information is current as of January 1, 2021**

**Updated Information & Services**

including high resolution figures, can be found at:  
[http://n.neurology.org/content/97/20\\_Supplement\\_2.citation.full](http://n.neurology.org/content/97/20_Supplement_2.citation.full)

**Permissions & Licensing**

Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at:  
[http://www.neurology.org/about/about\\_the\\_journal#permissions](http://www.neurology.org/about/about_the_journal#permissions)

**Reprints**

Information about ordering reprints can be found online:  
<http://n.neurology.org/subscribers/advertise>

*Neurology*® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright . All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

