



Jeremy J. Heit, MD, PhD

Professor of Radiology (Neuroimaging and Neurointervention)

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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Bio

BIO

Dr. Jeremy Heit is an Associate Professor of Radiology and of Neurosurgery and the Chief of Neuroimaging and Neurointervention at Stanford University. Dr. Jeremy Heit is a neurointerventional surgeon (neurointerventional radiologist) who specializes in treating stroke, brain aneurysms, brain arteriovenous malformations, brain and spinal dural arteriovenous fistulae, carotid artery stenosis, vertebral body compression fractures, and congenital vascular malformations. Dr. Heit treats all of these conditions using minimally-invasive, image-guided procedures and state-of-the-art technology.

Dr. Heit's research seeks to understand the genetic, developmental, and pathophysiologic basis of cerebrovascular disease. In addition, his group is developing new minimally invasive, image-guided treatments for ischemic and hemorrhagic stroke. He has authored over 150 publications and is an investigator on multiple grants, including the CRISP 2 and DEFUSE 3 studies. He is the co-PI of the NIH-funded PRECISE basilar thrombectomy study.

For more information about Dr. Heit's research lab, please visit:

www.heitlab.com

CLINICAL FOCUS

- Interventional Neuroradiology
- Neurointerventional Surgery
- Neuroradiology
- Stroke
- Cerebral Aneurysms
- Dural Arteriovenous Fistula
- Cerebral Arteriovenous Malformation (AVM)
- Diagnostic Neuroimaging

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Radiology
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Chief of Neuroimaging and Neurointervention, Stanford University Medical Center, (2022- present)
- Director, Stroke Neuroradiology, Stanford Stroke Center, Stanford University Hospital, (2021- present)
- Director, Neurointerventional Surgery Fellowship, Stanford University Medical Center, (2018- present)

HONORS AND AWARDS

- Valedictorian, Regis Jesuit High School, Aurora, CO (5/1996)
- Boettcher Foundation Scholar, Full Academic Scholarship to the University of Colorado at Boulder, Boettcher Foundation (8/1996 – 5/2000)
- Beta Kappa Honor Society, Phi Beta Kappa (4/1997 – present)
- Summa Cum Laude, Department of Biochemistry, University of Colorado at Boulder (5/2000)
- Graduation with Distinction in Molecular, Cellular and Developmental Biology, University of Colorado at Boulder (5/2000)
- Department of Biochemistry Outstanding Graduating Senior Award, University of Colorado at Boulder (5/2000)
- Medical Scientist dual MD/PhD Training Program, Stanford University School of Medicine (8/2000 – 6/2008)
- Chief Resident in Radiology, Massachusetts General Hospital, Boston, MA (3/2011 – 2/2012)
- Roentgen Resident/Fellow Research Award, RSNA Research and Education Foundation, Radiological Society of North America (5/2011)
- Alpha Omega Alpha Medical Honor Society, Alpha Omega Alpha Medical Honor Society, Stanford University Medical School Chapter (5/2019)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Research Committee, American Society of Neuroradiology (2012 - present)
- Scientific Program Committee, Neuroradiology/Head and Neck Subcommittee, Radiological Society of North America (2018 - present)

PROFESSIONAL EDUCATION

- Board Certification: Neuroradiology, American Board of Radiology (2018)
- Fellowship: Stanford University Radiology Fellowships (2015) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2013)
- Residency: Massachusetts General Hospital Radiology Residency (2013) MA
- Internship: Brigham and Women's Hospital Internal Medicine Residency (2009) MA
- Medical Education: Stanford University School of Medicine (2008) CA
- PhD, Stanford University Medical School , Developmental Biology (2007)
- BA, University of Colorado at Boulder , Biochemistry, Summa Cum Laude, and Molecular, Cellular, and Developmental Biology (2000)

LINKS

- Latest Advances in Stroke Treatment: <https://stanfordhealthcare.org/stanford-health-care-now/health-library-videos/latest-advances-stroke-treatment.html>
- Stanford Interventional Neuroradiology: <https://stanfordhealthcare.org/medical-clinics/interventional-neuroradiology-program.html>
- NBC Nightly News- New hope for stroke patients: <https://www.nbcnews.com/nightly-news/video/new-hope-for-stroke-patients-1145054787673>
- KPIX TV- Acute Stroke Therapy Trial Proves Successful In Palo Alto: <http://sanfrancisco.cbslocal.com/video/category/news/3798305-acute-stroke-therapy-trial-proves-successful-in-palo-alto/>

- Complete Publication List: <https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/50949141/?sort=date&direction=descending>
- Stroke Patient Story Facebook Live Interview: <https://www.facebook.com/LucyNoland/videos/1763443777071205/>
- How the stroke stopwatch was shattered: <https://www.youtube.com/watch?v=pkxzQMUTLGw>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our research seeks to advance our understanding of cerebrovascular disease and to develop new minimally invasive treatments for these diseases. We study ischemic and hemorrhagic stroke, cerebral aneurysms, delayed cerebral ischemia, cerebral arteriovenous malformations (AVMs), dural arteriovenous fistulae, and other vascular diseases of the brain. We use state-of-the-art neuroimaging techniques to non-invasively study these diseases, and we are developing future endovascular technologies to advance neurointerventional surgery.

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CLINICAL TRIALS

- Endovascular Therapy Following Imaging Evaluation for Ischemic Stroke 3, Not Recruiting
- PHIL in the Treatment of Intracranial dAVF., Not Recruiting
- Ruptured Aneurysms Treated With Hydrogel Coils, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Pere Canals Canals, Henk van Voorst

Publications

PUBLICATIONS

- **ASFNR Current State of Practice in Neuroimaging of Distal Medium Vessel Occlusion Stroke.** *AJNR. American journal of neuroradiology*
Sriwastwa, A., Allen, J. W., Jain, R., Shah, G. V., Salim, H. A., Lakhani, D. A., Aziz, Y. N., Faizy, T. D., Heit, J. J., Majmundar, S., Dmytriw, A. A., Guenego, A., Albers, et al
2026
- **Elevated Tmax>4 Seconds Volume Predicts Worse Functional Outcome Following Endovascular Treatment in M2 Middle Cerebral Artery Occlusion.** *AJNR. American journal of neuroradiology*
Kiani, I., Kooshki, A., Salim, H. A., Lakhani, D., Cho, A., Tsang, D., Adeeb, N., Li, Y., Zaccagna, F., Grist, J. T., Abuzahra, M. B., Essibayi, M. A., Colasurdo, et al
2026
- **Intracranial and Peripheral Inflammatory Biomarkers Predict Futile Recanalization after Endovascular Treatment.** *Stroke*
Ter Schiphorst, A., Dargazanli, C., Labreuche, J., Rapido, F., Blaquière, M., Jorgensen, C., Djouad, F., Le Bars, E., Moynier, M., Hirtz, C., Gascou, G., Lefevre, P. H., Cagnazzo, et al
2026
- **Microcirculatory Collaterals Modulate Ischemic Core Heterogeneity on Diffusion-Weighted Imaging.** *AJNR. American journal of neuroradiology*
Zamarud, A., Mlynash, M., Yuen, N., van Voorst, H., Ter Schiphorst, A., Seners, P., Wouters, A., Schwartz, M., Albers, G. W., Campbell, B., Dehkharghani, S., Lansberg, M. G., Heit, et al
2026
- **Mechanical Thrombectomy and Final Infarct Volume in Medium or Distal Vessel Occlusion Stroke: A Post Hoc Analysis of a Randomized Clinical Trial.** *JAMA neurology*

- Anastasiou, A., Corbaz, H., Christodoulou, E., Albers, G. W., Heit, J. J., Tsvigoulis, G., Müller, L., van Es, A., Kruyt, N. D., Staals, J., van Zwam, W., Dassen, S., Dobrocky, et al
2026
- **Intra-Arterial Thrombolytic vs. Mechanical Thrombectomy in Distal Medium Middle Cerebral Artery Acute Ischemic Stroke: A Preliminary Multinational Multicenter Propensity Score-Matched Study.** *Clinical neuroradiology*
Salim, H. A., Pulli, B., Yedavalli, V., Ota, T., Lakhani, D., Hajjeh, O., Musmar, B., Adeeb, N., Milhem, F., Faizy, T. D., Naamani, K. E., Henninger, N., Sundararajan, et al
2026
 - **Chemical Angioplasty Alone Versus Chemical and Mechanical Angioplasty for Cerebral Vasospasm after Aneurysmal Hemorrhage: A Pilot Randomized Controlled Study.** *AJNR. American journal of neuroradiology*
Guenego, A., Salim, H. A., Taccone, F. S., Heit, J. J., Wang, M., Sadeghi, N., Ligot, N., Wintermark, M., Tannouri, F., Lubicz, B., SAVEBRAIN Consortium, Schuind, S., Maeyens, C., et al
2026
 - **Mechanistically driven transnidial hemodynamic manipulations enhance simulated endovascular transvenous treatments for brain AVMs.** *Communications medicine*
Massoud, T. F., Vu, B. C., Vu, K. V., Heit, J. J., Dhawan, S. S.
2026
 - **Delphi Consensus on Early Neurologic Improvement after Mechanical Thrombectomy.** *AJNR. American journal of neuroradiology*
Bilgin, C., Ospel, J., Kobeissi, H., Ghozy, S., Senol, Y. C., Bayraktar, E. A., Orselik, A., Desai, S., Zhang, X., Hassan, A. E., Schirmer, C. M., Zaidat, O. O., Amans, et al
2026; 47 (4): 950-955
 - **Deep learning-based non-contrast CT imaging markers enhance post-transfer DWI core volume prediction.** *AJNR. American journal of neuroradiology*
van Voorst, H., Konduri, P., Ter Schiphorst, A., Vandewalle, L., Liu, Y., Jiang, B., Heylen, E., Mlynash, M., Christensen, S., Dehkharghani, S., Albers, G. W., Zaharchuk, G., Lansberg, et al
2026
 - **ACR-ASNR-SNIS-SPR Practice Parameter for the Performance of Magnetic Resonance Angiography (MRA) of the Head and Neck** *AMERICAN JOURNAL OF NEURORADIOLOGY*
De Leacy, R., Segovis, C., Singhal, A., Brown, P. A., Goldman-Yassen, A. E., Lin, D. D. M., Saigal, G., Dabus, G., Heit, J. J., Hetts, S. W., Reddy, K., Ryan, M. E., Amodio, et al
2026
 - **Sex-Related Differences in Outcomes of Endovascular Treatment of Distal Medium Vessel Occlusion Strokes.** *Clinical neuroradiology*
Salim, H. A., Yedavalli, V., Lakhani, D., Milhem, F., Musmar, B., Adeeb, N., Simonato, D., Li, Y. L., Hajjeh, O., Essibayi, M. A., Henninger, N., Sundararajan, S. H., Kühn, et al
2026
 - **Association Between Venous Transit and Functional Outcomes Post Thrombectomy in Patients with Acute Basilar Artery Occlusion.** *AJNR. American journal of neuroradiology*
Schwartz, M., Mlynash, M., Yedavalli, V., Yuen, N., Karamchandani, R., Lansberg, M. G., Albers, G. W., Heit, J. J.
2026
 - **Gradation of Prolonged Venous Transit on Perfusion Imaging Highlights the Association of Deep Venous Drainage Impairment with Unfavorable Functional Outcome in Successfully Reperfused Anterior Circulation Large-Vessel-Occlusion Stroke.** *AJNR. American journal of neuroradiology*
Mei, J., Salim, H. A., Lakhani, D. A., Balar, A., Shahriari, M., Liebeskind, D. S., Sriwastwa, A., Guenego, A., Dmytriw, A. A., Urrutia, V. C., Marsh, E. B., Lu, H., Xu, et al
2026; 47 (3): 604-610
 - **Posttreatment Follow-Up MR Imaging Biomarkers of Collateral Status Are Associated with Short-Term Outcomes in Large-Vessel Acute Ischemic Stroke.** *AJNR. American journal of neuroradiology*
Greene, C., Cho, A., Salim, H. A., Lakhani, D. A., McGaughey, T., Hoseinyazdi, M., Wen, S., Mei, J., Heit, J. J., Faizy, T. D., Shah, G., Sriwastwa, A., Aziz, et al
2026; 47 (3): 611-619
 - **Hypoperfusion Intensity Ratio Predicts Successful Recanalization in M2 Middle Cerebral Artery Occlusion Stroke Treated with Thrombectomy.** *AJNR. American journal of neuroradiology*

- Salim, H. A., Kooshki, A., Lakhani, D. A., Hoseinyazdi, M., Faizy, T. D., Heit, J. J., Liebeskind, D. S., Mei, J., Wolman, D., Albers, G. W., Sriwastwa, A., Cho, A., Guenego, et al
2026
- **Recommendations From the Blue Ribbon Panel on Fluoroscopy Safety.** *Journal of the American College of Radiology : JACR*
Gress, D. A., Mahesh, M., Dickey, K. W., Angle, J. F., Baldwin, D. D., Balter, S., Batchelor, W., Bruedigan, L., Davis, C., Elder, D., Guillerman, R. P., Guirguis, M. N., Hardwick, et al
2026
 - **Association of Good Venous Outflow with Favorable Outcomes in Patients with Acute Ischemic Stroke Caused by Large Vessel Occlusion Treated with Multiple Endovascular Thrombectomy Passes.** *AJNR. American journal of neuroradiology*
Schwartz, M. A., Mlynash, M., Faizy, T. D., Seners, P., Wouters, A., Yuen, N., Kesten, J., Zamarud, A., Fiehler, J., Lansberg, M. G., Albers, G. W., Heit, J. J.
2026; 47 (2): 350-356
 - **Predicting infarct location and stroke severity from symptoms using language models: towards the next generation of vision models in acute stroke**
Canals, P., Van Voorst, H., Gonzalez, J., Rodrigo-Gisbert, M., Mayol, J., Albers, G., Lansberg, M., Dehkharghani, S., Ribo, M., Heit, J.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Automated Midline Shift Quantification with Rapid MLS: Transforming Acute Neurological Patient Care**
Heit, J., Honce, J., Haerian, H., Copeland, K.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Gradation of Prolonged Venous Transit Highlights the Impact of Deep Venous Drainage Impairment in Successfully Reperused Anterior Circulation Large Vessel Occlusion Stroke**
Lakhani, D., Greene, C., Salim, H., Hillis, A., Nael, K., Heit, J., Faizy, T., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Intracranial and Peripheral Inflammatory Biomarkers Associated with Futile Recanalization After Thrombectomy**
Ter Schiphorst, A., Dargazanli, C., Labreuche, J., Rapido, F., Blaquiere, M., Jorgensen, C., Djouad, F., Le Bars, E., Moynier, M., Hirtz, C., Gascou, G., Lefevre, P., Cagnazzo, et al
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Association of deep learning segmented ischemic core hypodensity on non-contrast CT with endovascular treatment benefit**
van Voorst, H., Yogendrakumar, V., Johns, H., Churilov, L., Hassan, A., Abraham, M., Ortega-Gutierrez, S., Hussain, M., Chen, M., Kasner, S., Blackburn, S., Arenillas, J., Al-Mufti, et al
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Ischemic Lesion Net Water Uptake Outperforms ASPECTS and CBF<30% in Predicting Futile Recanalization After Mechanical Thrombectomy**
Lakhani, D., Greene, C., Salim, H., Hillis, A., Nael, K., Heit, J., Faizy, T., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Prolonged Venous Transit is Associated with Unfavorable Functional Outcomes in Anterior Circulation Distal Medium Vessel Occlusion Strokes**
Salim, H., Lakhani, D., Greene, C., Hillis, A., Nael, K., Heit, J., Faizy, T., Wintermark, M., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Antithrombotic Therapy and Risk of Intracranial Hemorrhage in Patients with Cerebral Cavernous Malformations: A Multicenter Propensity-Matched Cohort Study**
Salim, H., Lakhani, D., Greene, C., Hillis, A., Nael, K., Heit, J., Faizy, T., Wintermark, M., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Hypoperfusion on Early MRI Despite Successful Thrombectomy: a Prospective Imaging and Inflammatory Biomarkers Study.**
Ter Schiphorst, A., Seners, P., Dargazanli, C., Labreuche, J., Marchi, N., Lansberg, M., Heit, J., Yuen, N., Christensen, S., Rapido, F., Blaquiere, M., Mlynash, M., Roux, et al
LIPPINCOTT WILLIAMS & WILKINS.2026
 - **Perfusion Imaging Changes in Cerebral Venous Sinus Thrombosis Associated with Hemorrhage**
Sim, J., Ter Schiphorst, A., Lansberg, M., Dehkharghani, S., Heit, J., Albers, G.

LIPPINCOTT WILLIAMS & WILKINS.2026

- **Post Treatment Follow-up MRI Imaging Biomarkers of Collateral Status are Associated with Short-Term Outcomes in Large Vessel Acute Ischemic Stroke (LVO-AIS)**
Lakhani, D., Greene, C., Salim, H., Hillis, A., Nael, K., Heit, J., Faizy, T., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Redefining Ischemic Core, Penumbra, and Target Mismatch on CT Perfusion in Acute Anterior Distal Medium Vessel Occlusions**
Lakhani, D., Greene, C., Salim, H., Hillis, A., Nael, K., Heit, J., Faizy, T., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Comparison of Baseline ASPECTS, Ischemic Lesion Net Water Uptake, and CBF<30% for the Prediction of Failed Recanalization During Mechanical Thrombectomy**
Lakhani, D., Greene, C., Salim, H., Hillis, A., Nael, K., Heit, J., Faizy, T., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Prolonged Venous Transit is Associated with Unfavorable Functional Outcomes in Large Core Stroke**
Salim, H., Lakhani, D., Hillis, A., Nael, K., Heit, J., Faizy, T., Wintermark, M., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Sex-Related Differences in Outcomes of Endovascular Treatment of Distal Medium Vessel Occlusion Strokes**
Salim, H., Lakhani, D., Greene, C., Hillis, A., Nael, K., Heit, J., Faizy, T., Guenego, A., Dmytriw, A., Wintermark, M., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Composite Arterial and Venous Collateral Score on Single-Phase CTA Predicts 90-Day Outcomes in Anterior Circulation Large-Vessel Occlusion Stroke**
Salim, H., Lakhani, D., Greene, C., Hillis, A., Nael, K., Heit, J., Faizy, T., Wintermark, M., Yedavalli, V.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Artificial Intelligence Outperforms Radiologists in Detecting Aneurysm Growth**
Snyder, S., Rhodes, S., Iv, M., Pulli, B., Telischak, N., Do, H., Dodd, R., Heit, J.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Aggregate Multi-tiered Normalization to Enhance Detection of Impairment in Dynamic BOLD-CVR for Assessment of Hemodynamic Impairment**
Zhu, Y., Wang, X., Dogra, S., Voorst, H., Heylen, E., Konduri, P. R., Schiphorst, A., Heit, J., Lansberg, M., Albers, G., Dehkharghani, S.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Automated Quantification of Infarct Growth in Endovascular Thrombectomy Using Deep Learning**
Talati, I., Voorst, H., Yu, Y., Liu, Y., Konduri, P. R., Albers, G., Zaharchuk, G., Heit, J.
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Macrovascular angiographic and tissue-level perfusion collateral scoring to predict inter-hospital infarct growth rate**
Konduri, P. R., van Voorst, H., de Wilde, D., Seners, P., Vandewalle, L., ter Schiphorst, A., Wouters, A., Christensen, S., Yuen, N., Kemp, S., Zaharchuk, G., Mlynash, M., Albers, et al
LIPPINCOTT WILLIAMS & WILKINS.2026
- **Hypoperfusion on Early MRI Despite Successful Thrombectomy: A Prospective Imaging and Inflammatory Biomarkers Study. *Stroke***
Ter Schiphorst, A., Seners, P., Dargazanli, C., Labreuche, J., Marchi, N., Yuen, N., Christensen, S., Rapido, F., Blaquièrre, M., Mlynash, M., Lansberg, M. G., Heit, J. J., Roux, et al
2026
- **Activity measure post-acute care score for discharge outcomes is associated with prolonged venous transit on perfusion imaging in reperfused large vessel occlusion strokes. *PM & R : the journal of injury, function, and rehabilitation***
Koneru, M., Mei, J. Y., Lakhani, D. A., Balar, A. B., Hoseinyazdi, M., Salim, H. A., Ozkara, B. B., Luna, L. P., Deng, F., Hyson, N. Z., Dmytriw, A. A., Guenego, A., Heit, et al
2026
- **Hemorrhagic transformation during inter-hospital transfer for thrombectomy: Incidence, associated factors, and relationship with outcome *EUROPEAN STROKE JOURNAL***
Seners, P., Ter Schiphorst, A., Wouters, A., Yuen, N., Mlynash, M., Arquizan, C., Heit, J. J., Sablot, D., Wacongne, A., Lalu, T., Costalat, V., Albers, G. W., Lansberg, et al

2026; 11 (1)

- **Hemorrhagic transformation during inter-hospital transfer for thrombectomy: Incidence, associated factors, and relationship with outcome.** *European stroke journal*
Seners, P., Ter Schiphorst, A., Wouters, A., Yuen, N., Mlynash, M., Arquizan, C., Heit, J. J., Sablot, D., Wacongne, A., Lalu, T., Costalat, V., Albers, G. W., Lansberg, et al
2026; 11 (1)
- **Effectiveness and Safety of IV Thrombolysis Before Hospital Transfer for Thrombectomy in Patients With Basilar Artery Occlusion.** *Neurology*
Liebart, S., Lansberg, M. G., Adwane, G., Charbonneau, F., Schwartz, M., Heit, J. J., Mlynash, M., Sablot, D., Wacongne, A., Desilles, J. P., Obadia, M., Henry, C., Manchon, et al
2025; 105 (11): e214355
- **Value of 24- to 48-Hour Infarct Volume as a Surrogate for Clinical Outcome in Late-Window Thrombectomy May be Limited: A Post Hoc Analysis of the AURORA Collaboration.** *Stroke*
Ospel, J. M., Brown, S., Albers, G. W., Jovin, T. G., Lansberg, M. G., Nogueira, R. G., Jadhav, A. P., Haussen, D. C., Martins, S. O., Rebello, L. C., Ribo, M., Turk, A. S., Liebeskind, et al
2025
- **Does perfusion mismatch modify the benefit of thrombectomy in large core stroke? A meta-analysis of trials.** *Journal of neurointerventional surgery*
Ter Schiphorst, A., Arquizan, C., Labreuche, J., Turc, G., Yuen, N., Mlynash, M., Lansberg, M. G., Heit, J. J., Lapergue, B., Henon, H., Nouri, N., Albuher, J. F., Cognard, et al
2025
- **Intravenous Thrombolysis in Distal Medium Middle Cerebral Artery Occlusion Patients with Unsuccessful Mechanical Reperfusion.** *Clinical neuroradiology*
Salim, H. A., Pulli, B., Yedavalli, V., Lakhani, D., Hajjeh, O., Musmar, B., Adeeb, N., Milhem, F., Simonato, D., Li, Y., Essibayi, M. A., Henninger, N., Sundararajan, et al
2025
- **Optimizing Reperfusion Trials: A Consensus Research Roadmap From the STAIR XIII Conference.** *Stroke*
Campbell, B. C., Aziz, Y., Harston, G., Adeoye, O., Khatri, P., Fischer, U., Xiong, Y., Alexandrov, A., Makris, G. C., Baron, J. C., Ng, F., Ter Schiphorst, A., Nguyen, et al
2025
- **Prolonged Venous Transit on Perfusion Imaging: An Evolving Marker of Outcomes in Large Vessel Occlusion Stroke - A Comprehensive Review.** *AJNR. American journal of neuroradiology*
Kakadiya, J., Lakhani, D. A., Salim, H. A., Koneru, M., Wolman, D., Majmundar, S., Hui, F., Lu, H., Dmytriw, A. A., Guenego, A., Heit, J. J., Albers, G. W., Faizy, et al
2025
- **Neuroimaging Predictors of Futile Recanalization in Anterior Circulation Stroke: A Systematic Review and Meta-Analysis.** *AJNR. American journal of neuroradiology*
Kiani, I., Mohammadzadeh, S., Mozaffari, S., Mahmoudzadeh, H., Lakhani, D. A., Kakadiya, J., Salim, H. A., Aziz, Y. N., Sriwastwa, A., Majmundar, S., Mei, J., Dmytriw, A. A., Guenego, et al
2025
- **Cerebral Blood Volume Index Is Associated with Futile Recanalization After Endovascular Thrombectomy in Anterior Circulation Large Vessel Occlusion Stroke.** *AJNR. American journal of neuroradiology*
Hajibeygi, R., Lakhani, D. A., Fathi, M., Vakili, K., Faizy, T. D., Salim, H. A., Dmytriw, A. A., Guenego, A., Nael, K., Heit, J. J., Albers, G. W., Liebeskind, D. S., Yedavalli, et al
2025
- **Both Infarcted and Noninfarcted Brain Regions Contribute to Deep Learning-Based MRI Prediction of Acute Stroke Outcome.** *AJNR. American journal of neuroradiology*
Liu, Y., Jiang, B., van Voorst, H., Yu, Y., Li, S., Feng, H., Zhang, Z., Luo, S., Liebeskind, D. S., Moseley, M. E., Albers, G., Wintermark, M., Lansberg, et al
2025
- **Prolonged venous transit and clinical outcomes in anterior circulation large-vessel occlusion stroke with complete or near-complete reperfusion.** *Neuroradiology*

- Salim, H. A., Lakhani, D. A., Balar, A., Mei, J., Luna, L., Shahriari, M., Hyson, N. Z., Deng, F., Dmytriw, A. A., Guenego, A., Urrutia, V. C., Marsh, E. B., Lu, et al
2025
- **Unfavorable Perfusion Collateral Impairment Score Is Associated with Higher Odds of Poor Outcomes in Large Vessel Occlusion Stroke** *STROKE-VASCULAR AND INTERVENTIONAL NEUROLOGY*
Salim, H., Hoseinyazdi, M., Lakhani, D. A., Mei, J., Balar, A., Majmundar, S., Koneru, M., Wolman, D., Xu, R., Urrutia, V., Marsh, E., Luna, L., Deng, et al
2025; 5 (6)
 - **Redefining Ischemic Core, Penumbra, and Target Mismatch on Perfusion Imaging in Acute Anterior Distal Medium Vessel Occlusion.** *Stroke (Hoboken, N.J.)*
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