

# Stanford

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## Gregory W. Albers, MD

Coyote Foundation Professor and Professor, by courtesy, of Neurosurgery  
Neurology & Neurological Sciences

### CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

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### Bio

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### CLINICAL FOCUS

- Vascular Neurology

### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Neurology & Neurological Sciences
- Professor - University Medical Line (By courtesy), Neurosurgery
- Member, Wu Tsai Neurosciences Institute

### ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Stroke Center, Stanford Medical Center, (1992- present)
- Coyote Foundation Professor, Neurology and Neurological Sciences, (2007- present)

### PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Neurology (1988) CA
- Board Certification: Vascular Neurology, American Board of Psychiatry and Neurology (2019)
- Medical Education: University of California San Diego School of Medicine (1984) CA
- Internship: Stanford University Internal Medicine Residency (1985) CA
- Board Certification: Neurology, American Board of Psychiatry and Neurology (1990)

### LINKS

- Stanford Stroke Center: <https://web.stanford.edu/group/neurology/stroke/>
- Personal Web site: <https://web.stanford.edu/group/neurology/stroke/>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our group's research focus is the acute treatment and prevention of cerebrovascular disorders. Our primary interest is the use of advanced imaging techniques to expand the treatment window for ischemic stroke. We are also conducting clinical studies of both neuroprotective and thrombolytic strategies for the treatment of acute stroke and investigating new antithrombotic strategies for stroke prevention.

### CLINICAL TRIALS

- Blood Pressure Lowering in Acute Stroke Trial, Not Recruiting
- Blood Pressure Lowering in Acute Stroke Trial (BLAST), Not Recruiting
- Clot Lysis: Evaluating Accelerated Resolution of Intraventricular Hemorrhage Phase III, Not Recruiting
- Computed Tomography Perfusion (CTP) to Predict Response to Recanalization in Ischemic Stroke Project (CRISP), Not Recruiting
- Diagnostic Utility of MRI in Intracerebral Hemorrhage, Not Recruiting
- Diffusion Weighted Imaging Evaluation for Understanding Stroke Evolution Study-2 (DEFUSE-2), Not Recruiting
- Endovascular Therapy Following Imaging Evaluation for Ischemic Stroke 3, Not Recruiting
- Glyburide Advantage in Malignant Edema and Stroke - Remedy Pharmaceuticals, Not Recruiting
- Imaging Collaterals in Acute Stroke (iCAS), Not Recruiting
- Insulin Resistance Intervention After Stroke Trial, Not Recruiting
- Tenecteplase in Stroke Patients Between 4.5 and 24 Hours, Not Recruiting
- Transient Ischemic Attack (TIA) Triage and Evaluation of Stroke Risk, Not Recruiting

## Publications

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### PUBLICATIONS

- **Clinical and Imaging Features Associated With Fast Infarct Growth During Interhospital Transfers of Patients With Large Vessel Occlusions.** *Neurology*  
Wouters, A., Seners, P., Yuen, N., Mlynash, M., Heit, J. J., Kemp, S., Demeestere, J., Christensen, S., Albers, G. W., Lemmens, R., Lansberg, M. G.  
2024; 103 (6): e209814
- **The single-phase CTA Clot Burden Score is independently associated with DSA ASITN collateral score.** *The British journal of radiology*  
Lakhani, D. A., Balar, A. B., Koneru, M., Wen, S., Ozkara, B., Wang, R., Hoseinyazdi, M., Nabi, M., Mazumdar, I., Cho, A., Chen, K., Sepehri, S., Xu, et al  
2024
- **Perfusion imaging for delayed cerebral ischemia detection in patients following ruptured aneurysmal subarachnoid hemorrhage: Interrater reliability assessment.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*  
Bombardieri, A. M., Wouters, A., Seners, P., Zamarud, A., Mlynash, M., Yuen, N., Albers, G. W., Sussman, E. S., Pulli, B., Lansberg, M. G., Steinberg, G. K., Heit, J. J.  
2024: 15910199241277953
- **Deep venous outflow as a surrogate for collaterals in late-window patients with successful revascularization from the DEFUSE 3 cohort.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*  
Adusumilli, G., Faizy, T. D., Christensen, S., Mlynash, M., Loh, Y., Albers, G. W., Lansberg, M. G., Fiehler, J., Heit, J. J.  
2024: 15910199241276905
- **Author Response: Factors Associated With Fast Early Infarct Growth in Patients With Acute Ischemic Stroke With a Large Vessel Occlusion** *NEUROLOGY*  
Seners, P., Lansberg, M. G., Albers, G. W.  
2024; 103 (4): e209507
- **Decreased Quantitative Cerebral Blood Volume Is Associated With Poor Outcomes in Large Core Patients.** *Stroke*

- Yedavalli, V., Salim, H. A., Mei, J., Lakhani, D. A., Balar, A., Musmar, B., Adeeb, N., Hoseinyazdi, M., Luna, L., Deng, F., Hyson, N. Z., Dmytriw, A. A., Guenego, et al  
2024
- **Ischemic Core Volumes and Collateral Status have Diurnal Fluctuations - A Retrospective Cohort Study of 18,137 Patients.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Lun, R., Sreekrishnan, A., Liu, H., Albers, G. W.  
2024: 107965
  - **Simplifying venous outflow: Prolonged venous transit as a novel qualitative marker correlating with acute stroke outcomes.** *The neuroradiology journal*  
Yedavalli, V. S., Lakhani, D. A., Koneru, M., Balar, A. B., Greene, C., Hoseinyazdi, M., Nabi, M., Lu, H., Xu, R., Luna, L., Caplan, J., Dmytriw, A. A., Guenego, et al  
2024: 19714009241269475
  - **Neurological outcomes for patients meeting radiographic criteria for DEFUSE 3 and SELECT2.** *Journal of neurointerventional surgery*  
Karamchandani, R. R., Satyanarayana, S., Yang, H., Strong, D., Rhoten, J., Clemente, J., Defilipp, G., Patel, N. M., Bernard, J., Stetler, W., Parish, J. M., Albers, G. W., Heit, et al  
2024
  - **Assessment of smoking care by stroke specialists in patients with recent TIA and minor stroke: an international prospective registry-based cohort study.** *BMJ open*  
Lavallee, P., Charles, H., Labreuche, J., Albers, G. W., Caplan, L., Donnan, G. A., Ferro, J. M., Hennerici, M. G., Molina, C. A., Rothwell, P., Steg, G., Touboul, P. J., Uchiyama, et al  
2024; 14 (7): e078632
  - **Overestimation of the Ischemic Core Is Associated With Higher Core Lesion Volume and Degree of Reperfusion After Thrombectomy.** *Radiology*  
Broocks, G., Meyer, L., Winkelmeier, L., Kniep, H., Heitkamp, C., Christensen, S., Lansberg, M. G., Thaler, C., Kemmling, A., Schön, G., Zele#ák, K., Stracke, P. C., Albers, et al  
2024; 312 (1): e231750
  - **Acute myocardial infarction and ischaemic stroke: differences and similarities in reperfusion therapies-a review.** *European heart journal*  
Scheldeman, L., Sinnavee, P., Albers, G. W., Lemmens, R., Van de Werf, F.  
2024
  - **Projections of Endovascular Therapy-Eligible Patients With Stroke for the US Population.** *Stroke*  
Mistry, E. A., Khoury, J. C., Kleindorfer, D. O., Kissela, B. M., Alwell, K. S., Jasne, A. S., Ferioli, S., De Los Rios La Rosa, F., Coleman, E., Demel, S. L., Walsh, K. B., Slavin, S. J., Star, et al  
2024
  - **Advancing diagnostic precision of delayed cerebral ischemia in aneurysmal subarachnoid hemorrhage: The potential for a vasospasm index score on perfusion imaging to detect vasospasm.** *European journal of radiology*  
Maria Bombardieri, A., Seners, P., Wouters, A., Zamarud, A., Mlynash, M., Yuen, N., Albers, G. W., Sussman, E. S., Pulli, B., Lansberg, M. G., Steinberg, G. K., Heit, J. J.  
2024; 178: 111578
  - **Predictors of Futile Recanalization in Ischemic Stroke Patients with low baseline NIHSS.** *International journal of stroke : official journal of the International Stroke Society*  
Heitkamp, C., Heitkamp, A., Winkelmeier, L., Thaler, C., Flottmann, F., Schell, M., Kniep, H., Broocks, G., Heit, J. J., Albers, G. W., Thomalla, G., Fiehler, J., Faizy, et al  
2024: 17474930241264737
  - **Exploring the Limits of Endovascular Therapy for Large Core Patients: Where Do We Need More Data?** *Stroke*  
Albers, G. W., Heit, J. J., Lansberg, M. G., Inoue, M., Huo, X., Yedavalli, V. S., Seners, P., McCullough-Hicks, M., Cereda, C. W., Tsai, J. P., Mistry, E. A., Chatterjee, A. R., Derdeyn, et al  
2024
  - **Lower admission stroke severity is associated with good collateral status in distal medium vessel occlusion stroke.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*  
Mei, J., Salim, H. A., Lakhani, D. A., Balar, A., Musmar, B., Adeeb, N., Hoseinyazdi, M., Luna, L., Deng, F., Hyson, N. Z., Dmytriw, A. A., Guenego, A., Faizy, et al  
2024

- **Arterial Recanalization During Interhospital Transfer for Thrombectomy.** *Stroke*  
Seners, P., Wouters, A., Ter Schiphorst, A., Yuen, N., Mlynash, M., Arquizan, C., Heit, J. J., Kemp, S., Christensen, S., Sablot, D., Wacongne, A., Lalu, T., Costalat, et al  
2024
- **The Los Angeles motor scale (LAMS) is independently associated with CT perfusion collateral status markers.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*  
Lakhani, D. A., Mehta, T. R., Balar, A. B., Koneru, M., Wen, S., Ozkara, B. B., Caplan, J., Dmytriw, A. A., Wang, R., Lu, H., Hoseinyazdi, M., Nabi, M., Mazumdar, et al  
2024; 125: 32-37
- **Tenecteplase for Stroke at 4.5 to 24 Hours. Reply.** *The New England journal of medicine*  
Albers, G. W., Purdon, B., Campbell, B. C.  
2024; 390 (18): 1729
- **Low Cerebral Blood Volume Index, Thrombectomy, and Prior Stroke Are Independently Associated With Hemorrhagic Transformation in Medium-Vessel Occlusion Ischemic Stroke** *STROKE-VASCULAR AND INTERVENTIONAL NEUROLOGY*  
Yedavalli, V. S., Koneru, M., Hoseinyazdi, M., Marsh, E. B., Llinas, R. H., Urrutia, V., Leigh, R., Gonzalez, L., Xu, R., Caplan, J., Huang, J., Lu, H., Wintermark, et al  
2024; 4 (3)
- **CT Perfusion Derived rCBV < 42% Lesion Volume Is Independently Associated with Followup FLAIR Infarct Volume in Anterior Circulation Large Vessel Occlusion.** *Diagnostics (Basel, Switzerland)*  
Lakhani, D. A., Balar, A. B., Salim, H., Koneru, M., Wen, S., Ozkara, B., Lu, H., Wang, R., Hoseinyazdi, M., Xu, R., Nabi, M., Mazumdar, I., Cho, et al  
2024; 14 (8)
- **Clinical Change During Inter-Hospital Transfer For Thrombectomy: Incidence, Associated Factors and Relationship With Outcome.** *International journal of stroke : official journal of the International Stroke Society*  
Seners, P., Ter Schiphorst, A., Wouters, A., Yuen, N., Mlynash, M., Arquizan, C., Heit, J. J., Kemp, S., Christensen, S., Sablot, D., Wacongne, A., Lalu, T., Costalat, et al  
2024: 17474930241246952
- **CT perfusion based rCBF < 38% volume is independently and negatively associated with digital subtraction angiography collateral score in anterior circulation large vessel occlusions.** *The neuroradiology journal*  
Lakhani, D. A., Balar, A. B., Koneru, M., Wen, S., Ozkara, B. B., Wang, R., Hoseinyazdi, M., Nabi, M., Mazumdar, I., Cho, A., Chen, K., Sepehri, S., Hyson, et al  
2024: 19714009241242639
- **Follow-up infarct volume on fluid attenuated inversion recovery (FLAIR) imaging in distal medium vessel occlusions: the role of cerebral blood volume index.** *Journal of neurology*  
Salim, H., Lakhani, D. A., Balar, A., Musmar, B., Adeeb, N., Hoseinyazdi, M., Luna, L., Deng, F., Hyson, N. Z., Mei, J., Dmytriw, A. A., Guenego, A., Faizy, et al  
2024
- **Stroke in the Time of Circadian Medicine.** *Circulation research*  
Mergenthaler, P., Balami, J. S., Neuhaus, A. A., Mottahedin, A., Albers, G. W., Rothwell, P. M., Saver, J. L., Young, M. E., Buchan, A. M.  
2024; 134 (6): 770-790
- **Prolonged venous transit on perfusion imaging is associated with higher odds of mortality in successfully reperfused patients with large vessel occlusion stroke.** *Journal of neurointerventional surgery*  
Yedavalli, V. S., Koneru, M., Hoseinyazdi, M., Greene, C., Lakhani, D. A., Xu, R., Luna, L. P., Caplan, J. M., Dmytriw, A. A., Guenego, A., Heit, J. J., Albers, G. W., Wintermark, et al  
2024
- **Clinical relevance of intracranial hemorrhage after thrombectomy versus medical management for large core infarct: a secondary analysis of the SELECT2 randomized trial.** *Journal of neurointerventional surgery*  
Chen, M., Joshi, K. C., Kolb, B., Sitton, C. W., Pujara, D. K., Abraham, M. G., Ortega-Gutierrez, S., Kasner, S. E., Hussain, S. M., Churilov, L., Blackburn, S., Sundararajan, S., Hu, et al  
2024
- **The Relative Cerebral Blood Volume (rCBV) < 42% Is Independently Associated with Collateral Status in Anterior Circulation Large Vessel Occlusion.** *Journal of clinical medicine*  
Lakhani, D. A., Balar, A. B., Koneru, M., Wen, S., Ozkara, B. B., Lu, H., Wang, R., Hoseinyazdi, M., Mei, J., Xu, R., Nabi, M., Mazumdar, I., Cho, et al

2024; 13 (6)

- **Stroke and High-risk TIAs Outcomes with Reduction of Treatment duration when treatment initiated in Emergency Rooms. (SHORTER-Study).** *International journal of stroke : official journal of the International Stroke Society*  
Alhazzani, A., AlAjlan, F., Alkhathaami, A., Al-Senani, F. M., Muayqil, T., Alghamdi, S., AlKawi, A., AlZahrani, S., Bakheet, M., Aljohani, M., Taher, N., Almutairi, A., AlQarni, et al  
2024: 17474930241237120
- **A Clinical and Imaging Fused Deep Learning Model Matches Expert Clinician Prediction of 90-Day Stroke Outcomes.** *AJNR. American journal of neuroradiology*  
Liu, Y., Shah, P., Yu, Y., Horsey, J., Ouyang, J., Jiang, B., Yang, G., Heit, J. J., McCullough-Hicks, M. E., Hugdal, S. M., Wintermark, M., Michel, P., Liebeskind, et al  
2024
- **Endovascular Thrombectomy Treatment Effect in Direct vs Transferred Patients With Large Ischemic Strokes: A Prespecified Analysis of the SELECT2 Trial.** *JAMA neurology*  
Sarraj, A., Hill, M. D., Hussain, M. S., Abraham, M. G., Ortega-Gutierrez, S., Chen, M., Kasner, S. E., Churilov, L., Pujara, D. K., Johns, H., Blackburn, S., Sundararajan, S., Hu, et al  
2024
- **Endovascular thrombectomy plus medical care versus medical care alone for large ischaemic stroke: 1-year outcomes of the SELECT2 trial.** *Lancet (London, England)*  
Sarraj, A., Abraham, M. G., Hassan, A. E., Blackburn, S., Kasner, S. E., Ortega-Gutierrez, S., Hussain, M. S., Chen, M., Johns, H., Churilov, L., Pujara, D. K., Shaker, F., Maali, et al  
2024
- **Association between occlusion location, net water uptake and ischemic lesion growth in large vessel anterior circulation strokes.** *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*  
Winkelmeier, L., Heit, J. J., Broocks, G., Prüter, J., Heitkamp, C., Schell, M., Albers, G. W., Lansberg, M. G., Wintermark, M., Kemmling, A., Stracke, C. P., Guenego, A., Paech, et al  
2024: 271678X241232193
- **Tenecteplase for Stroke at 4.5 to 24 Hours with Perfusion-Imaging Selection.** *The New England journal of medicine*  
Albers, G. W., Jumaa, M., Purdon, B., Zaidi, S. F., Streib, C., Shuaib, A., Sangha, N., Kim, M., Froehler, M. T., Schwartz, N. E., Clark, W. M., Kircher, C. E., Yang, et al  
2024
- **Endovascular Thrombectomy for Large Ischemic Stroke Across Ischemic Injury and Penumbra Profiles.** *JAMA*  
Sarraj, A., Hassan, A. E., Abraham, M. G., Ortega-Gutierrez, S., Kasner, S. E., Hussain, M. S., Chen, M., Churilov, L., Johns, H., Sitton, C. W., Yogendrakumar, V., Ng, F. C., Pujara, et al  
2024
- **Random expert sampling for deep learning segmentation of acute ischemic stroke on non-contrast CT.** *Journal of neurointerventional surgery*  
Ostmeier, S., Axelrod, B., Liu, Y., Yu, Y., Jiang, B., Yuen, N., Pulli, B., Verhaaren, B. F., Kaka, H., Wintermark, M., Michel, P., Mahammed, A., Federau, et al  
2024
- **Perfusion Profiles May Differ Between Asymptomatic Versus Symptomatic Internal Carotid Artery Occlusion.** *Journal of stroke*  
Chang, T. Y., Christensen, S., Mlynash, M., Heit, J. J., Marks, M. P., Lee, S., McCullough-Hicks, M. E., Ostojic, L. V., Kemp, S., Albers, G. W., Srivatsan, A., Lee, T. H., Lansberg, et al  
2024; 26 (1): 108-111
- **Robust Collaterals Are Independently Associated With Excellent Recanalization in Patients With Large Vessel Occlusion Causing Acute Ischemic Stroke** *STROKE-VASCULAR AND INTERVENTIONAL NEUROLOGY*  
Yedavalli, V., Koneru, M., Hoseinyazdi, M., Greene, C., Copeland, K., Xu, R., Luna, L., Caplan, J., Dmytriw, A., Guenego, A., Heit, J., Albers, G., Wintermark, et al  
2024; 4 (1)
- **Pretreatment CTP Collateral Parameters Predict Good Outcomes in Successfully Recanalized Middle Cerebral Artery Distal Medium Vessel Occlusions.** *Clinical neuroradiology*  
Yedavalli, V., Koneru, M., Hamam, O., Hoseinyazdi, M., Marsh, E. B., Llinas, R., Urrutia, V., Leigh, R., Gonzalez, F., Xu, R., Caplan, J., Huang, J., Lu, et al  
2023

- **Redefining CT perfusion-based ischemic core estimates for the ghost core in early time window stroke.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*  
Koneru, M., Hoseinyazdi, M., Lakhani, D. A., Greene, C., Copeland, K., Wang, R., Xu, R., Luna, L., Caplan, J. M., Dmytriw, A. A., Guenego, A., Heit, J. J., Albers, et al  
2023
- **Nationwide diurnal pattern among intracerebral hemorrhage incidence and volume.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Sreekrishnan, A., Lun, R., Albers, G. W.  
2023; 33 (2): 107521
- **Pretreatment parameters associated with hemorrhagic transformation among successfully recanalized medium vessel occlusions.** *Journal of neurology*  
Koneru, M., Hoseinyazdi, M., Wang, R., Ozkara, B. B., Hyson, N. Z., Marsh, E. B., Llinas, R. H., Urrutia, V. C., Leigh, R., Gonzalez, L. F., Xu, R., Caplan, J. M., Huang, et al  
2023
- **Early neurological deterioration in patients with acute ischemic stroke is linked to unfavorable cerebral venous outflow.** *European stroke journal*  
Heitkamp, C., Winkelmeier, L., Heit, J. J., Albers, G. W., Lansberg, M. G., Kniep, H., Broocks, G., Stracke, C. P., Schell, M., Guenego, A., Paech, D., Wintermark, M., Fiehler, et al  
2023; 23969873231208277
- **Pretreatment CT perfusion collateral parameters correlate with penumbra salvage in middle cerebral artery occlusion.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*  
Lakhani, D. A., Balar, A. B., Koneru, M., Hoseinyazdi, M., Hyson, N., Cho, A., Greene, C., Xu, R., Luna, L., Caplan, J., Dmytriw, A., Guenego, A., Wintermark, et al  
2023
- **Does imaging of the ischemic penumbra have value in acute ischemic stroke with large vessel occlusion?** *Current opinion in neurology*  
Seners, P., Baron, J., Olivot, J., Albers, G. W.  
2023
- **Excellent Recanalization and Small Core Volumes Are Associated With Favorable AM-PAC Score in Patients With Acute Ischemic Stroke Secondary to Large Vessel Occlusion.** *Archives of rehabilitation research and clinical translation*  
Yedavalli, V., Koneru, M., Hoseinyazdi, M., Copeland, K., Xu, R., Luna, L., Caplan, J., Dmytriw, A., Guenego, A., Heit, J., Albers, G., Wintermark, M., Gonzalez, et al  
2023; 5 (4): 100306
- **The Compensation Index Is Better Associated with DSA ASITN Collateral Score Compared to the Cerebral Blood Volume Index and Hypoperfusion Intensity Ratio.** *Journal of clinical medicine*  
Lakhani, D. A., Balar, A. B., Koneru, M., Wen, S., Hoseinyazdi, M., Greene, C., Xu, R., Luna, L., Caplan, J., Dmytriw, A. A., Guenego, A., Wintermark, M., Gonzalez, et al  
2023; 12 (23)
- **Performance of RAPID noncontrast CT stroke platform in large vessel occlusion and intracranial hemorrhage detection.** *Frontiers in neurology*  
Yedavalli, V., Heit, J. J., Dehkharghani, S., Haerian, H., Mcmenamy, J., Honce, J., Timpone, V. M., Harnain, C., Kesselman, A., Filly, A., Beardsley, A., Sakamoto, B., Song, et al  
2023; 14: 1324088
- **Priorities for Advancements in Neuroimaging in the Diagnostic Workup of Acute Stroke.** *Stroke*  
Samaniego, E. A., Boltze, J., Lyden, P. D., Hill, M. D., Campbell, B. C., Silva, G. S., Sheth, K. N., Fisher, M., Hillis, A. E., Nguyen, T. N., Carone, D., Favilla, C. G., Deljkich, et al  
2023
- **Brain edema growth after thrombectomy is associated with comprehensive collateral blood flow.** *Journal of neurointerventional surgery*  
Faizy, T. D., Winkelmeier, L., Mlynash, M., Broocks, G., Heitkamp, C., Thaler, C., van Horn, N., Seners, P., Kniep, H., Stracke, P., Zelenak, K., Lansberg, M. G., Albers, et al  
2023
- **Semiautomated Detection of Early Infarct Signs on Noncontrast CT Improves Interrater Agreement.** *Stroke*  
Christensen, S., Demeestere, J., Verhaaren, B. F., Heit, J. J., Von Stein, E. L., Madill, E. S., Kennedy Loubé, D., Dugue, R., Rengarajan, S., Mlynash, M., Albers, G. W., Lemmens, R., Lansberg, et al

2023

- **Factors Associated With Fast Early Infarct Growth in Patients With Acute Ischemic Stroke With A Large Vessel Occlusion.** *Neurology*  
Seners, P., Yuen, N., Olivot, J. M., Mlynash, M., Heit, J. J., Christensen, S., Escribano Paredes, J. B., Carrera, E., Strambo, D., Michel, P., Salerno, A., Wintermark, M., Chen, et al  
2023
- **Matched-pair analysis of patients with ischemic stroke undergoing thrombectomy using next-generation balloon guide catheters.** *Journal of neurointerventional surgery*  
Kim, L. H., Choi, J., Zhou, J., Wolman, D., Pendharkar, A. V., Lansberg, M. G., Albers, G. W., Dodd, R., Do, H. M., Pulli, B., Heit, J. J., Telischak, N. A.  
2023
- **Larger ischemic cores and poor collaterals among large vessel occlusions presenting in the late evening.** *Journal of stroke and cerebrovascular diseases : the official journal of National Stroke Association*  
Sreekrishnan, A., Tiedt, S., Seners, P., Yuen, N., Olivot, J., Mlynash, M., Lansberg, M. G., Heit, J. J., Lee, S., Michel, P., Strambo, D., Salerno, A., Paredes, et al  
2023; 32 (12): 107352
- **Underlying Causes of TIA and Minor Ischemic Stroke and Risk of Major Vascular Events.** *JAMA neurology*  
Lavallée, P. C., Charles, H., Albers, G. W., Caplan, L. R., Donnan, G. A., Ferro, J. M., Hennerici, M. G., Labreuche, J., Molina, C., Rothwell, P. M., Steg, P. G., Touboul, P. J., Uchiyama, et al  
2023
- **EFFECT OF ANESTHESIA APPROACH ON THROMBECTOMY OUTCOMES IN PATIENTS WITH LARGE ISCHEMIC CORE STROKE: A PRE-SPECIFIED SECONDARY ANALYSIS OF SELECT2 TRIAL**  
Sarraj, A., Abraham, M., Ortega-Gutierrez, S., Hussain, M., Chen, M., Churilov, L., Sitton, C., Pereira, V., Lansberg, M., Hill, M., Albers, G., Ribo, M., Hasssan, et al  
SAGE PUBLICATIONS LTD.2023: 424
- **Blood Pressure Management After Endovascular Therapy for Acute Ischemic Stroke: The BEST-II Randomized Clinical Trial.** *JAMA*  
Mistry, E. A., Hart, K. W., Davis, L. T., Gao, Y., Prestigiacomo, C. J., Mittal, S., Mehta, T., LaFever, H., Harker, P., Wilson-Perez, H. E., Beasley, K. A., Krothapalli, N., Lippincott, et al  
2023; 330 (9): 821-831
- **CT perfusion to measure venous outflow in acute ischemic stroke in patients with a large vessel occlusion.** *Journal of neurointerventional surgery*  
Adusumilli, G., Christensen, S., Yuen, N., Mlynash, M., Faizy, T. D., Albers, G. W., Lansberg, M. G., Fiehler, J., Heit, J. J.  
2023
- **USE-Evaluator: Performance metrics for medical image segmentation models supervised by uncertain, small or empty reference annotations in neuroimaging.** *Medical image analysis*  
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