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CONTACT INFORMATION

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CERTIFICATIONS

- American Board of Psychiatry and Neurology, Neurology
- American Board of Psychiatry and Neurology, Vascular Neurology

EDUCATION

- M.B.B.S., Jawaharlal Institute of Postgraduate Medical Education & Research, Pondicherry, Puducherry, India
- M.S., Indian Institute of Technology Bombay, Powai, Mumbai, India
- Ph.D., University of Minnesota, Minneapolis, Minn.
- Residency, Neurology, University of Arizona, Tucson, Ariz.
- Fellowship, Vascular Neurology, Stanford University, Stanford, Calif.

JOURNAL PUBLICATIONS

1. Shehzad U, Tumati A, Reinsel RA, Singh D, Dadra D, Purushotham A, et al. Evaluating the utility of fasting lipid panel in addition to random lipid panel in determining lipid-lowering therapy in acute ischemic stroke or TIA patients. *Clin Neurol Neurosurg.* 2020;197:106068. PMID: 32688096.
2. Harini JA, Luthra A, Madeka S, Shankar P, Mandava P, Pervaje R, et al. Ayurvedic treatment of acute ischemic stroke: A prospective observational study. *Glob Adv Health Med.* 2019;8:. PMID: 31211006.
3. Monahan K, Purushotham A, Biegon A. Neurological implications of nonfatal strangulation and intimate partner violence. *Future Neurol.* 2019;14(3):. DOI: 10.2217/fnl-2018-0031.
4. Purushotham A, Campbell BC, Straka M, Mlynash M, Olivot JM, Bammer R, et al. Apparent diffusion coefficient threshold for delineation of ischemic core. *Int J Stroke.* 2015;10(3):348-53. PMID: 23802548.
5. Campbell BC, Purushotham A, Christensen S, Desmond PM, Nagakane Y, Parsons MW, et al. The infarct core is well represented by the acute diffusion lesion: Sustained reversal is infrequent. *J Cereb Blood Flow Metab.* 2012;32(1):50-6. PMID: 21772309.
6. Olivot JM, Mlynash M, Thijs VN, Purushotham A, Kemp S, Lansberg MG, et al. Geography, structure, and evolution of diffusion and perfusion lesions in Diffusion and perfusion imaging Evaluation For Understanding Stroke Evolution (DEFUSE). *Stroke.* 2009;40(10):3245-51. PMID: 19679845.
7. Olivot JM, Mlynash M, Thijs VN, Purushotham A, Kemp S, Lansberg MG, et al. Relationships between cerebral perfusion and reversibility of acute diffusion lesions in DEFUSE: Insights from RADAR. *Stroke.* 2009;40(5):1692-7. PMID: 19299632.
8. Seidler RD, Purushotham A, Kim SG, Ugurbil K, Willingham D, Ashe J. Neural correlates of encoding and expression in implicit sequence learning. *Exp Brain Res.* 2005;165(1):114-24. PMID: 15965762.
9. Seidler RD, Purushotham A, Kim SG, Ugurbil K, Willingham D, Ashe J. Cerebellum activation associated with performance change but not motor learning. *Science.* 2002;296(5575):2043-6. PMID: 12065841.

BOOK CHAPTERS and OTHER PUBLICATIONS

1. Hansen LK, Purushotham A, Kim S. Testing competing hypotheses about single-trial fMRI. In: Sommer FT,

Wichert A, editors. Exploratory analysis and data modeling in functional neuroimaging. Boston: MIT Press; 2002. p. 49-62.

POSTER and PLATFORM PRESENTATIONS

1. Yadav A, Lalwani P, Suri H, Jejurikar R, Purushotham A. Nodes of DMN involved in general intelligence. Program No. 726.05. 2019 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2019. Online.
2. Luthra A, Harini JA, Medikonda J, Mandava P, Aaron S, Rajesh KN, et al. Constitution (Prakriti) as defined by traditional Indian medicine is a risk factor for stroke. *Eur Stroke J.* 2019;4(1 Suppl):AS22-068.
3. Luthra A, Harini AJ, Rajesh KN, Aaron S, Purushotham A. Constitution (Prakriti) as defined by traditional Indian medicine is a risk factor for stroke. *Int J Stroke.* 2018;13(2S):137.
4. Yadav A, Lalwani P, Suri H, Jejurikar R, Purushotham A. The grey matter of G: The structural neural correlates of general intelligence. Presented at the Organization of Human Brain Mapping (OHBM), 2018 Annual Meeting in Singapore (June 17-21, 2018).
5. Dadra D, Shehzad U, Singh D, Purushotham A. Does random LDL accurately guide statin-based management compared to fasting LDL in patients with acute ischemic stroke or TIA. *Eur Stroke J.* 2018;3(1 Suppl):AS09-033.
6. Harini AJ, Luthra A, Madeka S, Shankar P, Mandava P, Pervaje R, et al. Stand-alone ayurvedic treatment in acute ischaemic stroke: A pilot study. Presented at the International Conference on Integrative Medicine and Health, 2018 Annual Meeting in Baltimore, Md. (May 8-11, 2018).
7. Purushotham A. Cognition — ayurveda and neuroimaging. Presented at the Vivekananda Yoga Anusandhana Samsthana (V-YASA), 22nd International Conference on Frontiers in Yoga Research and Its Applications in Prashanti Kutiram, Bangalore, India (Jan. 5-8, 2018). [Oral Presentation]
8. Purushotham A. Ayurvedic constitution type and disease susceptibility. Presented at the National Institute of Mental Health and Neuro-Sciences (NIMHANS), symposium on "History of psychiatry in India: Traditional systems and mental health" in Bangalore, India (June 15-16, 2016). [Oral Presentation]
9. Harini JA, Luthra A, Madeka S, Shankar P, Mandava P, Pervaje R, et al. Stand-alone ayurvedic treatment in acute ischemic stroke. Presented at the Vivekananda Yoga Anusandhana Samsthana (V-YASA), 21st International Conference on Frontiers in Yoga Research and Its Applications in Prashanti Kutiram, Bangalore, India (Jan. 3-5, 2016). [Oral Presentation]
10. Tai WA, Purushotham A, Straka M, Sugg RM, Akhtar N, Rymer MM, et al. Auto-generated summary maps for CT-perfusion improve interobserver reliability. *Stroke.* 2012;43(2_MeetingAbstracts) Suppl 1:A96.
11. Purushotham A. Tissue, time and thrombolysis. Presented at the Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), World Stroke Day in Pondicherry, India (Oct. 29, 2011). [Keynote Address]
12. Purushotham A, Strehlow MC, Pirrotta E, Sistla S, Boyapati NVS, Gimkala A, et al. Epidemiology of patients transported by ambulance with seizures in Andhra Pradesh, India: A prospective analysis. Presented at the American Academy of Neurology (AAN), 63rd Annual Meeting in Honolulu, Hawaii (April 9-16, 2011). [Oral Presentation]
13. Purushotham A, Sugg RM, Straka M, Akhtar N, Rymer MM, Tung CE, et al. Decreased CBV is not a good measure of infarct core in acute ischemic stroke. Presented at the American Academy of Neurology (AAN), 63rd Annual Meeting in Honolulu, Hawaii (April 9-16, 2011). [Oral Presentation]
14. Campbell B, Purushotham A, Christensen S, Desmond P, Nagakane Y, Parsons M, et al. The acute diffusion lesion reliably represents infarct core: Clinically relevant reversibility is rare. *Stroke.* 2011;42:e71.
15. Wolford C, Mlynash M, Schwartz N, Purushotham A, Lansberg M, Kemp S, et al. MRI based TIA triage study. *Stroke.* 2011;42:e210.
16. Purushotham A, Lansberg MG, Mlynash M, Olivot J-M, Bammer R, Kemp SM, et al. Apparent diffusion coefficient correlates with Tmax in acute ischemic stroke. *Stroke.* 2010;41:e273.
17. Purushotham A, Lansberg MG, Mlynash M, Olivot J-M, Bammer R, Kemp SM, et al. Tissue salvageability in the penumbra decreases linearly with increasing Tmax. *Stroke.* 2010;41:e205. [Oral Presentation]
18. Mlynash M, Olivot J-M, Thijs VN, Lansberg MG, Kemp SM, Purushotham A, et al. The optimal coregistered mismatch ratio to predict a favorable clinical response following recanalization varies based on Tmax threshold. *Stroke.* 2009;40(4):e197.
19. Olivot J-M, Mlynash M, Thijs VN, Lansberg MG, Kemp SM, Purushotham A, et al. Perfusion/diffusion mismatch salvage is maximal in regions with mild-moderate perfusion deficits and correlates with clinical outcome. *Stroke.* 2009;40(4):e200.
20. Olivot J-M, Mlynash M, Thijs VN, Lansberg MG, Kemp SM, Purushotham A, et al. Reversible acute diffusion lesions appear to be already reperfused on baseline MRI. *Stroke.* 2009;40(4):e199-200.
21. Purushotham A, Mlynash M, Olivot J-M, Thijs VN, Bammer R, Kemp SM, et al. Apparent diffusion coefficient distinguishes ischemic core from reversible diffusion lesions. *Stroke.* 2009;40(4):e115-6. [Oral Presentation]
22. Purushotham A, Mlynash M, Olivot J-M, Thijs VN, Bammer R, Kemp SM, et al. Apparent diffusion coefficient distinguishes penumbra from benign oligemia. *Stroke.* 2009;40(4):e115. [Oral Presentation]

23. Purushotham A, Ashe J, Kim S-G. Motor inhibition and the BOLD response in the motor cortex. *NeuroImage*. 2003;19(2 Suppl):e2187-8.
24. Purushotham A, Kim S-G. Inhibitory neural activity produces a significant BOLD response in human cortical areas. Proceedings of the International Society for Magnetic Resonance in Medicine 10th Annual Meeting; 2002 May 18-24; Honolulu, Hawaii.
25. Seidler RD, Purushotham A, Kim S-G, Ugurbil K, Ashe J. An event-related fMRI investigation of motor preparatory processes. Presented at the Society for the Neural Control of Movement (NCM), 12th Annual Meeting in Naples, Fla. (April 14-21, 2002).
26. Seidler RD, Purushotham A, Kim S-G, Ugurbil K, Willingham D, Ashe J. The role of the cerebellum in motor learning and performance. Program No. 939.10. 2001 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2001. Online.
27. Seidler RD, Purushotham A, Kim S-G, Willingham D, Ashe J. Implicit sequence encoding and expression of learning. Presented at the Society for the Neural Control of Movement (NCM), 11th Annual Meeting in Seville, Spain (March 25-30, 2001).
28. Purushotham A, Nielsen FÅ, Hansen LK, Kim S-G. Meta-K-means clustering as a means to separate different functional components of a cognitive task in fMRI single trial data. Proceedings of the International Society for Magnetic Resonance in Medicine 8th Annual Meeting; 2000 April 1-7; Denver, Colorado.
29. Purushotham A, Nielsen FÅ, Hansen LK, Kim S-G. Separation of motor preparation and execution regions using meta-K-means clustering on single trial data. *NeuroImage*. 1999;9(6 Pt 2):S51. [Oral Presentation]