

## Randall Higashida

A renowned interventional neuroradiologist and expert in the diagnosis and treatment of stroke, Dr. Randall T. Higashida serves as chief of the Division of Interventional Neurovascular Radiology at UCSF Medical Center. Higashida earned his medical degree from the School of Medicine at Tulane University in New Orleans, La. He completed his residency and fellowship at the University of California, Los Angeles Medical Center.

Higashida is a member of numerous scientific committees and medical associations, including the Cerebrovascular Neurosurgery Task Force Committee and the American Heart Association Research Committee. He served as a chairman of the American Heart Association Council on Cardiovascular Radiology & Interventions and is past president of the Society of Neurointerventional Surgery. Currently, Higashida holds the position of clinical professor of radiology, neurological surgery, neurology and anesthesiology at UCSF Medical Center.

Clinics Neurointerventional Radiology 505 Parnassus Ave., Third Floor, Room M-327 San Francisco, CA 94143 Consultation: (415) 353-1863 Scheduling: (415) 353-1869 Fax: (415) 353-8606 Hours: Monday to Friday 8 a.m. – 5 p.m.

### Conditions & Treatments

Arteriovenous Malformation Brain Aneurysm Cavernous Malformations Dural Arteriovenous Fistulae Stroke More about Randall Higashida Education Tulane University 1980

Residencies UCLA, Internal Medicine 1981

Fellowships UCLA, Radiology 1984 UCLA, Interventional Neuroradiology 1985

## Selected Research and Publications

Hetts S, Tsai T, Cooke D, Amans M, Narvid J, Dowd C, Higashida R, Halbach V. E-021 de novo, progressive, multiple, and recurrent intracranial dural arteriovenous fistulas: characteristics and outcomes. J Neurointerv Surg. 2014 Jul; 6 Suppl 1:A47.

Alexander M, Cooke D, Meyers P, Amans M, Narvid J, Dowd C, Halbach V, Higashida R, Hetts S. O-012 demographic and lesion characteristics outperform degree of stenosis in predicting outcomes following stenting for symptomatic intracranial atherosclerosis. J Neurointerv Surg. 2014 Jul; 6 Suppl 1:A7.

Cooke DL, Stout CE, Kim WT, Kansagra AP, Yu JP, Gu A, Jewell NP, Hetts SW, Higashida RT, Dowd CF, Halbach VV. Cerebral arterial fenestrations. Interv Neuroradiol. 2014 Jun 30; 20(3):261-74.

Alexander MD, Meyers PM, English JD, Stradford TR, Sung S, Smith WS, Halbach VV, Higashida RT, Dowd CF, Cooke DL, Hetts SW. Symptom differences and pretreatment asymptomatic interval affect outcomes of stenting for intracranial atherosclerotic disease. AJNR Am J Neuroradiol. 2014 Jun; 35(6):1157-62. Hetts SW, Cooke DL, Nelson J, Gupta N, Fullerton H, Amans MR, Narvid JA, Moftakhar P, McSwain H, Dowd CF, Higashida RT, Halbach VV, Lawton MT, Kim H. Influence of patient age on angioarchitecture of brain arteriovenous malformations. AJNR Am J Neuroradiol. 2014 Jul; 35(7):1376-80. Amans MR, Cooke DL, Vella M, Dowd CF, Halbach VV, Higashida RT, Hetts SW. Contrast Staining on CT after DSA in Ischemic Stroke Patients Progresses to Infarction and Rarely

Hemorrhages. *Interv Neuroradiol*. 2014 Feb; 20(1):106-15. Katzan IL, Spertus J, Bettger JP, Bravata DM, Reeves MJ, Smith EE, Bushnell C, Higashida RT, Hinchey JA, Holloway RG, Howard G, King RB, Krumholz HM, Lutz BJ, Yeh RW. Risk adjustment of ischemic stroke outcomes for comparing hospital performance: a statement for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*. 2014 Mar; 45(3):918-44. Cooke DL, Stout CE, Kim WT, Hetts SW, Higashida RT, Halbach VV, Dowd CF, Gould RG. Radiation dose reduction in intra-arterial chemotherapy infusion for intraocular retinoblastoma. *J Neurointerv Surg*. 2014 Dec; 6(10):785-9. Cooke DL, Su H, Sun Z, Guo Y, Guo D, Saeed MM, Hetts SW, Higashida RT, Dowd CF, Young WL, Halbach VV. Endovascular biopsy: evaluating the feasibility of harvesting endothelial cells using detachable coils. *Interv Neuroradiol*. 2013 Dec 20; 19(4):399-408. Amans MR, Stout C, Fox C, Narvid J, Hetts SW, Cooke DL, Higashida RT, Dowd CF, McSwain H, Halbach VV. Cerebral arteriopathy associated with Arg179His ACTA2 mutation. *J Neurointerv Surg*. 2014 Nov; 6(9):e46. Amans MR, Stout C, Fox C, Narvid J, Hetts SW, Cooke DL, Higashida RT, Dowd CF, McSwain H, Halbach VV. Cerebral arteriopathy associated with Arg179His ACTA2 mutation. *BMJ Case Rep*. 2013; 2013. Higashida R, Alberts MJ, Alexander DN, Crocco TJ, Demaerschalk BM, Derdeyn CP, Goldstein LB, Jauch EC, Mayer SA, Meltzer NM, Peterson ED, Rosenwasser RH, Saver JL, Schwamm L, Summers D, Wechsler L, Wood JP. Interactions within stroke systems of care: a policy statement from the American Heart Association/American Stroke Association. *Stroke*. 2013 Oct; 44(10):2961-84. Ovbiagele B, Goldstein LB, Higashida RT, Howard VJ, Johnston SC, Khavjou OA, Lackland DT, Lichtman JH, Mohl S, Sacco RL, Saver JL, Trogon JG. Forecasting the future of stroke in the United States: a policy statement from the American Heart Association and American Stroke Association. *Stroke*. 2013 Aug; 44(8):2361-75. Losey AD, Lillaney P, Martin AJ, Halbach VV, Cooke DL, Dowd CF, Higashida RT, Saloner DA, Wilson MW, Saeed M, Hetts SW. Safety of retained microcatheters: an evaluation of radiofrequency heating in endovascular microcatheters with nitinol, tungsten, and polyetheretherketone braiding at 1.5 T and 3 T. *J Neurointerv Surg*. 2014 May 1; 6(4):314-9. Sacco RL, Kasner SE, Broderick JP, Caplan LR, Connors JJ, Culebras A, Elkind MS, George MG, Hamdan AD, Higashida RT, Hoh BL, Janis LS, Kase CS, Kleindorfer DO, Lee JM, Moseley ME, Peterson ED, Turan TN, Valderrama AL, Vinters HV. An updated definition of stroke for the 21st century: a statement for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke*. 2013 Jul; 44(7):2064-89. Kansagra AP, Cooke DL, English JD, Sincic RM, Amans MR, Dowd CF, Halbach VV, Higashida RT, Hetts SW. Current trends in endovascular management of traumatic cerebrovascular injury. *J Neurointerv Surg*. 2014 Jan 1; 6(1):47-50. Macdonald RL, Higashida RT, Keller E, Mayer SA, Molyneux A, Raabe A, Vajkoczy P, Wanke I, Bach D, Frey A, Marr A, Roux S, Kassell N. Randomised trial of clazosentan, an endothelin receptor antagonist, in patients with aneurysmal subarachnoid hemorrhage undergoing surgical clipping (CONSCIOUS-2). *Acta Neurochir Suppl*. 2013; 115:27-31. Moftakhar P, English JD, Cooke DL, Kim WT, Stout C, Smith WS, Dowd CF, Higashida RT, Halbach VV, Hetts SW. Density of thrombus on admission CT predicts revascularization efficacy in large vessel occlusion acute ischemic stroke. *Stroke*. 2013 Jan; 44(1):243-5. Meyers PM, Schumacher HC, Alexander MJ, Derdeyn CP, Furlan AJ, Higashida RT, Moran CJ, Tarr RW, Heck DV, Hirsch JA, Jensen ME, Linfante I, McDougall CG, Nesbit GM, Rasmussen PA, Tomsick TA, Wechsler LR, Wilson JR, Zaidat OO. Performance and training standards for endovascular acute ischemic stroke treatment. *Neurology*. 2012 Sep 25; 79(13 Suppl 1):S234-8. Hetts SW, Keenan K, Fullerton HJ, Young WL, English JD, Gupta N, Dowd CF, Higashida RT, Lawton MT, Halbach VV. Pediatric intracranial nongalenic pial arteriovenous fistulas: clinical features, angioarchitecture, and outcomes. *AJNR Am J Neuroradiol*. 2012 Oct; 33(9):1710-9.

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