Stanford



Robert Dodd, MD, PhD

Associate Professor of Neurosurgery, of Radiology and, by courtesy, of Otolaryngology - Head & Neck Surgery (OHNS)

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroscience Health Center**

  213 Quarry Rd

  4th Fl MC 5958

  Palo Alto, CA 94304

  Tel (650) 723-6469 **Fax** (650) 725-0390

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Liana Choi - Administrative Associate

  Email liana.choi@stanford.edu

  Tel (650) 723-9717

Bio

CLINICAL FOCUS

- Neurological Surgery

ACADEMIC APPOINTMENTS

- Associate Prof-Univ Med Line, Neurosurgery
- Associate Prof-Univ Med Line, Radiology
- Associate Prof-Univ Med Line (By courtesy), Otolaryngology (Head and Neck Surgery)
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- MIT Educational Council, Mass. Institute of Technology, (2002- present)

HONORS AND AWARDS

- Research Grant, AANS/NREF (2002)
- Research Grant, Giannini Family Foundation (2002)
- Travel Grant, 1998 Association for Academic Minority Physicians (1998)
- Travel Fellowship Award, National Eye Institute (1995)
- Dupont Academic Achievement Award, Duracell/National Urban League (1989)
- Dupont Academic Achievement Award, Dupont (1988)
- National Achievement Commended Scholar, National Merit Scholarship Corporation (1986)
- Illinois State Scholar, Illinois State Scholar Program (1986)

PROFESSIONAL EDUCATION

- Residency: Stanford University Dept of Neurosurgery (2005) CA

- Internship: Stanford University Dept of General Surgery (1999) CA
- Medical Education: Stanford University School of Medicine (1998) CA
- Fellowship: Stanford University Neuroradiology Fellowship (2007) CA
- Fellowship: Prince of Wales Private Hospital (2007) Australia
- Board Certification: Neurological Surgery, American Board of Neurological Surgery (2012)
- PhD, Stanford University , Neuroscience, Neurobiology (1998)
- MD/PhD, Stanford University , M.D. (1998)
- BS, Mass. Institute of Technology , Mechanical Engineering (1990)

LINKS

- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Dodd is involved in clinical trials using endovascular coils that have a fiber coating that help heal aneurysms of the neck and can prevent an aneurysm from reforming. He uses minimally invasive endoscopic techniques to treat brain tumors.

Dodd's research interests are in cerebral blood vessel reactivity and stroke.

CLINICAL TRIALS

- Surgical Idiopathic Intracranial Hypertension Treatment Trial, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neurosciences (PhD Program)

Publications

PUBLICATIONS

- **Spontaneous regression of a vein of Galen aneurysmal malformation in a pediatric patient: illustrative case** *Journal of Neurosurgery: Case Lessons*
  Kumar, K. K., Fornoff, L. E., Dodd, R. L., Marks, M. P., Hong, D. S.
  2021; 1 (8): CASE20171

- **In Reply: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic.** *Neurosurgery*
  Patel, Z. M., Fernandez-Miranda, J., Hwang, P. H., Nayak, J. V., Dodd, R. L., Sajjadi, H., Jackler, R. K.
  2020

- **Letter: Precautions for Endoscopic Transnasal Skull Base Surgery During the COVID-19 Pandemic.** *Neurosurgery*
  Patel, Z. M., Fernandez-Miranda, J., Hwang, P. H., Nayak, J. V., Dodd, R., Sajjadi, H., Jackler, R. K.
  2020

- **Arterial-spin labeling MRI identifies residual cerebral arteriovenous malformation following stereotactic radiosurgery treatment** *JOURNAL OF NEURORADIOLOGY*
  Heit, J. J., Thakur, N. H., Iv, M., Fischbein, N. J., Wintermark, M., Dodd, R. L., Steinberg, G. K., Chang, S. D., Kapadia, K. B., Zaharchuk, G.
  2020; 47 (1): 13–19

- **Effect of Omega-3 Supplementation in Patients With Smell Dysfunction Following Endoscopic Sellar and Parasellar Tumor Resection: A Multicenter Prospective Randomized Controlled Trial.** *Neurosurgery*

Yan, C. H., Rathor, A., Krook, K., Ma, Y., Rotella, M. R., Dodd, R. L., Hwang, P. H., Nayak, J. V., Oyesiku, N. M., DelGaudio, J. M., Levy, J. M., Wise, J., Wise, et al

2020

- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors** *NEUROSURGERY*

  Chin, A. L., Fujimoto, D., Kumar, K. A., Tupper, L., Mansour, S., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R., Li, G., Gephart, M., Ratliff, et al

  2019; 85 (5): 708–16

- **Neuroimaging selection for thrombectomy in pediatric stroke: a single-center experience** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*

  Lee, S., Heit, J., Albers, G. W., Wintermark, M., Jiang, B., Bernier, E., Fischbein, N. J., Mlynash, M., Marks, M. P., Do, H. M., Dodd, R. L.

  2019; 11 (9): 940–46

- **Endovascular versus medical therapy for large-vessel anterior occlusive stroke presenting with mild symptoms.** *International journal of stroke : official journal of the International Stroke Society*

  Wolman, D. N., Marcellus, D. G., Lansberg, M. G., Albers, G., Guenego, A., Marks, M. P., Dodd, R. L., Do, H. M., Wintermark, M., Martin, B. W., Heit, J. J.

  2019: 1747493019873510

- **Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure** *NEUROSURGERY*

  Awad, I. A., Polster, S. P., Carrion-Penagos, J., Thompson, R. E., Cao, Y., Stadnik, A., Money, P., Fam, M. D., Koskimaeki, J., Girard, R., Lane, K., McBee, N., Ziai, et al

  2019; 84 (6): 1157–67

- **Superselective methohexital challenge prior to intracranial endovascular embolization** *JOURNAL OF CLINICAL NEUROSCIENCE*

  Bican, O., Cho, C., Suarez-Roman, A., Viet Nguyen, Lee, L., Le, S., Heit, J., Dodd, R., Lopez, J.

  2019; 63: 68–71

- **Granular Cell Pituitary Tumor in a Patient with Multiple Endocrine Neoplasia-1.** *Cureus*

  Pendharkar, A. V., Lin, C. Y., Born, D. E., Hoffman, A. R., Dodd, R. L.

  2019; 11 (4): e4541

- **Granular Cell Pituitary Tumor in a Patient with Multiple Endocrine Neoplasia-1** *CUREUS*

  Pendharkar, A., Lin, C., Born, D. E., Hoffman, A. R., Dodd, R. L.

  2019; 11 (4)

- **Surgical Treatment of Recurrent Previously Coiled and/or Stent-Coiled Intracerebral Aneurysms: A Single-Center Experience in a Series of 75 Patients** *WORLD NEUROSURGERY*

  Liu, J. J., Nielsen, T. H., Abhinav, K., Lee, J., Han, S. S., Marks, M. P., Do, H. M., Dodd, R. L., Steinberg, G. K.

  2019; 124: E649–E658

- **Surgical Performance Determines Functional Outcome Benefit in the Minimally Invasive Surgery Plus Recombinant Tissue Plasminogen Activator for Intracerebral Hemorrhage Evacuation (MISTIE) Procedure.** *Neurosurgery*

  Awad, I. A., Polster, S. P., Carrion-Penagos, J., Thompson, R. E., Cao, Y., Stadnik, A., Money, P. L., Fam, M. D., Koskimaki, J., Girard, R., Lane, K., McBee, N., Ziai, et al

  2019

- **Superselective methohexital challenge prior to intracranial endovascular embolization.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*

  Bican, O., Cho, C., Suarez-Roman, A., Nguyen, V., Lee, L., Le, S., Heit, J., Dodd, R., Lopez, J.

  2019

- **Efficacy and safety of minimally invasive surgery with thrombolysis in intracerebral haemorrhage evacuation (MISTIE III): a randomised, controlled, open-label, blinded endpoint phase 3 trial.** *Lancet (London, England)*

  Hanley, D. F., Thompson, R. E., Rosenblum, M., Yenokyan, G., Lane, K., McBee, N., Mayo, S. W., Bistran-Hall, A. J., Gandhi, D., Mould, W. A., Ullman, N., Ali, H., Carhuapoma, et al

  2019

- **Selection Criteria for Thrombectomy in Pediatric Stroke: A Single-Center Series**

  Lee, S., Heit, J. J., Albers, G. W., Wintermark, M., Elbers, J., Bernier, E., Jiang, B., Marks, M. P., Do Huy, M., Dodd, R.

LIPPINCOTT WILLIAMS & WILKINS.2019

- **Surgical Treatment of Recurrent Previously Coiled and/or Stent-Coiled Intracerebral Aneurysms: A Single-Center Experience in a Series of 75 Patients.** *World neurosurgery*
  Liu, J. J., Nielsen, T. H., Abhinav, K., Lee, J., Han, S. S., Marks, M. P., Do, H. M., Dodd, R. L., Steinberg, G. K.
  2019

- **Thrombectomy for acute ischemic stroke in nonagenarians compared with octogenarians.** *Journal of neurointerventional surgery*
  Sussman, E. S., Martin, B. n., Mlynash, M. n., Marks, M. P., Marcellus, D. n., Albers, G. n., Lansberg, M. n., Dodd, R. n., Do, H. M., Heit, J. J.
  2019

- **Arterial-Spin Labeling MRI Identifies Residual Cerebral Arteriovenous Malformation Following Stereotactic Radiosurgery Treatment.** *Journal of neuroradiology. Journal de neuroradiologie*
  Heit, J. J., Thakur, N. H., Iv, M. n., Fischbein, N. J., Wintermark, M. n., Dodd, R. L., Steinberg, G. K., Chang, S. D., Kapadia, K. B., Zaharchuk, G. n.
  2019

- **Neuroimaging selection for thrombectomy in pediatric stroke: a single-center experience.** *Journal of neurointerventional surgery*
  Lee, S. n., Heit, J. J., Albers, G. W., Wintermark, M. n., Jiang, B. n., Bernier, E. n., Fischbein, N. J., Mlynash, M. n., Marks, M. P., Do, H. M., Dodd, R. L.
  2019

- **Arterial Pseudoaneurysm following Radiotherapy in Patients with a History of Nasopharyngeal Carcinoma.** *OTO open*
  Choby, G., Tangbumrungtham, N., Dodd, R., Patel, Z. M.
  2019; 3 (1): 2473974X18823002

- **Direct targeting of the mouse optic nerve for therapeutic delivery.** *Journal of neuroscience methods*
  Mesentier-Louro, L. A., Dodd, R., Domizi, P., Nobuta, H., Wernig, M., Wernig, G., Liao, Y. J.
  2018

- **Stem cell therapy for treatment of ischemic optic neuropathy**
  Mesentier-Louro, L., Yang, N., Shariati, A., Domizi, P., Dodd, R., Wernig, G., Wernig, M., Liao, Y.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018

- **Clinical and Immunohistochemical Analysis of Clinically Non-functional Pituitary Neuroendocrine Tumors**
  Lavezo, J., Frankel, M., Balliu, B., Pan, J., Hoffman, A., Dodd, R., Harsh, G., Katznelson, L., Vogel, H.
  OXFORD UNIV PRESS INC.2018: 518

- **Porcine small intestine submucosal grafts improve remucosalization and progenitor cell recruitment to sites of upper airway tissue remodeling.** *International forum of allergy & rhinology*
  Nayak, J. V., Rathor, A., Grayson, J. W., Bravo, D. T., Velasquez, N., Noel, J., Beswick, D. M., Riley, K. O., Patel, Z. M., Cho, D., Dodd, R. L., Thamboo, A., Choby, et al
  2018

- **High-resolution 3D volumetric contrast-enhanced MR angiography with a blood pool agent (ferumoxytol) for diagnostic evaluation of pediatric brain arteriovenous malformations.** *Journal of neurosurgery. Pediatrics*
  Iv, M. n., Choudhri, O. n., Dodd, R. L., Vasanawala, S. S., Alley, M. T., Moseley, M. n., Holdsworth, S. J., Grant, G. n., Cheshier, S. n., Yeom, K. W.
  2018: 1–10

- **Long-Term Update of Stereotactic Radiosurgery for Benign Spinal Tumors.** *Neurosurgery*
  Chin, A. L., Fujimoto, D. n., Kumar, K. A., Tupper, L. n., Mansour, S. n., Chang, S. D., Adler, J. R., Gibbs, I. C., Hancock, S. L., Dodd, R. n., Li, G. n., Gephart, M. H., Ratliff, et al
  2018

- **Sofia intermediate catheter and the SNAKE technique: safety and efficacy of the Sofia catheter without guidewire or microcatheter construct.** *Journal of neurointerventional surgery*
  Heit, J. J., Wong, J. H., Mofaff, A. M., Telischak, N. A., Dodd, R. L., Marks, M. P., Do, H. M.
  2018; 10 (4): 401–6

- **Can diffusion- and perfusion-weighted imaging alone accurately triage anterior circulation acute ischemic stroke patients to endovascular therapy?** *Journal of neurointerventional surgery*
  Wolman, D. N., Iv, M. n., Wintermark, M. n., Zaharchuk, G. n., Marks, M. P., Do, H. M., Dodd, R. L., Albers, G. W., Lansberg, M. G., Heit, J. J.

2018

- **Reduced Intravoxel Incoherent Motion Microvascular Perfusion Predicts Delayed Cerebral Ischemia and Vasospasm After Aneurysm Rupture.** *Stroke*
  Heit, J. J., Wintermark, M. n., Martin, B. W., Zhu, G. n., Marks, M. P., Zaharchuk, G. n., Dodd, R. L., Do, H. M., Steinberg, G. K., Lansberg, M. G., Albers, G. W., Federau, C. n.
  2018

- **Conus Medullaris Dural Arteriovenous Fistula Arising From the Artery of the Filum Terminale: 2-Dimensional Operative Video.** *Operative neurosurgery (Hagerstown, Md.)*
  Lamsam, L. n., Quon, J. n., Fischbein, N. n., Iv, M. n., Dodd, R. n., Ratliff, J. n.
  2018

- **Early Cerebral Vein After Endovascular Ischemic Stroke Treatment Predicts Symptomatic Reperfusion Hemorrhage.** *Stroke*
  Cartmell, S. C., Ball, R. L., Kaimal, R. n., Telischak, N. A., Marks, M. P., Do, H. M., Dodd, R. L., Albers, G. W., Lansberg, M. G., Heit, J. J.
  2018

- **Practical Pearl: Use of MRI to Differentiate Pseudo-subarachnoid Hemorrhage from True Subarachnoid Hemorrhage.** *Neurocritical care*
  Ho, A. L., Sussman, E. S., Pendharkar, A. V., Iv, M. n., Hirsch, K. G., Fischbein, N. J., Dodd, R. L.
  2018

- **Management of Arteriovenous Malformations Associated with Developmental Venous Anomalies: A Literature Review and Report of 2 Cases** *WORLD NEUROSURGERY*
  Zhang, M., Connolly, I. D., Teo, M. K., Yang, G., Dodd, R., Marks, M., Zuccarello, M., Steinberg, G. K.
  2017; 106: 563–69

- **Stereotactic Radiosurgery for Benign Neurogenic Spinal Tumors**
  Chin, A. L., Fujimoto, D. K., Tse, V., Chang, S. D., Adler, J. R., Gibbs, I. C., Dodd, R. L., Li, G., Gephart, M. H., Desai, A., Ratliff, J., Sachdev, S., Soltys, et al
  ELSEVIER SCIENCE INC.2017: S186

- **Embolization Followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs)** *WORLD NEUROSURGERY*
  Marks, M. P., Marcellus, M. L., Santarelli, J., Dodd, R. L., Do, H. M., Chang, S. D., Adler, J. R., Mlynash, M., Steinberg, G. K.
  2017; 99: 471-476

- **Endoscopic Resection of Skull Base Teratoma in Klippel-Feil Syndrome through Use of Combined Ultrasonic and Bipolar Diathermy Platforms.** *Case reports in otolaryngology*
  Edward, J. A., Psaltis, A. J., Williams, R. A., Charville, G. W., Dodd, R. L., Nayak, J. V.
  2017; 2017: 6384586-?

- **Patient Outcomes and Cerebral Infarction after Ruptured Anterior Communicating Artery Aneurysm Treatment.** *AJNR. American journal of neuroradiology*
  Heit, J. J., Ball, R. L., Telischak, N. A., Do, H. M., Dodd, R. L., Steinberg, G. K., Chang, S. D., Wintermark, M. n., Marks, M. P.
  2017; 38 (11): 2119–25

- **Pipeline embolization device retraction and foreshortening after internal carotid artery blister aneurysm treatment.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*
  Heit, J. J., Telischak, N. A., Do, H. M., Dodd, R. L., Steinberg, G. K., Marks, M. P.
  2017; 23 (6): 614–19

- **Radiosurgical ablation of spinal cord arteriovenous malformations.** *Handbook of clinical neurology*
  Sussman, E. S., Adler, J. R., Dodd, R. L.
  2017; 143: 175-187

- **Embolization followed by Radiosurgery for the Treatment of Brain Arteriovenous Malformations (AVMs).** *World neurosurgery*
  Marks, M. P., Marcellus, M. L., Santarelli, J., Dodd, R. L., Do, H. M., Chang, S. D., Adler, J. R., Mlynash, M., Steinberg, G. K.
  2016

- **Surgical outcomes of Majewski osteodysplastic primordial dwarfism Type II with intracranial vascular anomalies** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
  Teo, M., Johnson, J. N., Bell-Stephens, T. E., Marks, M. P., Do, H. M., Dodd, R. L., Bober, M. B., Steinberg, G. K.

2016; 18 (6): 717-723

- **Surgical outcomes of Majewski osteodysplastic primordial dwarfism Type II with intracranial vascular anomalies.** *Journal of neurosurgery. Pediatrics*
  Teo, M., Johnson, J. N., Bell-Stephens, T. E., Marks, M. P., Do, H. M., Dodd, R. L., Bober, M. B., Steinberg, G. K.
  2016; 25 (6): 717-723

- **Safety and efficacy of minimally invasive surgery plus alteplase in intracerebral haemorrhage evacuation (MISTIE): a randomised, controlled, open-label, phase 2 trial.** *The Lancet. Neurology*
  Hanley, D. F., Thompson, R. E., Muschelli, J., Rosenblum, M., Mcbee, N., Lane, K., Bistran-Hall, A. J., Mayo, S. W., Keyl, P., Gandhi, D., Morgan, T. C., Ullman, N., Mould, et al
  2016; 15 (12): 1228-1237

- **Safety and efficacy of minimally invasive surgery plus alteplase in intracerebral haemorrhage evacuation (MISTIE): a randomised, controlled, open-label, phase 2 trial** *LANCET NEUROLOGY*
  Hanley, D. F., Thompson, R. E., Muschelli, J., Rosenblum, M., Mcbee, N., Lane, K., Bistran-Hall, A. J., Mayo, S. W., Keyl, P., Gandhi, D., Morgan, T. C., Ullman, N., Mould, et al
  2016; 15 (12): 1226-1235

- **Initial experience with SOFIA as an intermediate catheter in mechanical thrombectomy for acute ischemic stroke.** *Journal of neurointerventional surgery*
  Wong, J. H., Do, H. M., Telischak, N. A., Moraff, A. M., Dodd, R. L., Marks, M. P., Ingle, S. M., Heit, J. J.
  2016

- **UTILITY OF A GLUCOCORTICOID SPARING STRATEGY IN THE MANAGEMENT OF PATIENTS FOLLOWING TRANSSPHENOIDAL SURGERY** *ENDOCRINE PRACTICE*
  Jia, X., Pendharkar, A. V., Loftus, P., Dodd, R. L., Chu, O., Fraenkel, M., Katznelson, L.
  2016; 22 (9): 1033-1039

- **Interventional Therapy for Brain AVMs Before and After ARUBA**
  Sussman, E., Teo, M., Iyer, A., Ho, A., Pendharkar, A., Dodd, R., Steinberg, G.
  LIPPINCOTT WILLIAMS & WILKINS.2016

- **Detection of acute femoral artery ischemia during neuroembolization by somatosensory and motor evoked potential monitoring** *INTERVENTIONAL NEURORADIOLOGY*
  Purger, D., Feroze, A. H., Choudhri, O., Lee, L., Lopez, J., Dodd, R. L.
  2015; 21 (3): 397-400

- **Use of thromboelastography to tailor dual-antiplatelet therapy in patients undergoing treatment of intracranial aneurysms with the Pipeline embolization device.** *Journal of neurointerventional surgery*
  McTaggart, R. A., Choudhri, O. A., Marcellus, M. L., Brennan, T., Steinberg, G. K., Dodd, R. L., Do, H. M., Marks, M. P.
  2015; 7 (6): 425-430

- **Persistent trigeminal artery supply to an intrinsic trigeminal nerve arteriovenous malformation: A rare cause of trigeminal neuralgia.** *Journal of clinical neuroscience*
  Choudhri, O., Heit, J. J., Feroze, A. H., Chang, S. D., Dodd, R. L., Steinberg, G. K.
  2015; 22 (2): 409-412

- **Cerebral angioplasty using the Scepter XC dual lumen balloon for the treatment of vasospasm following intracranial aneurysm rupture** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
  Heit, J. J., Choudhri, O., Marks, M. P., Dodd, R. L., Do, H. M.
  2015; 7 (1): 56-61

- **Utility of Adrenocorticotropic Hormone in Assessing the Response to Transsphenoidal Surgery for Cushing's Disease.** *Endocrine practice*
  Salmon, P. M., Loftus, P. D., Dodd, R. L., Harsh, G., Chu, O. S., Katznelson, L.
  2014; 20 (11): 1159-1164

- **O-034 Carotid Artery Angioplasty versus Stenting in Acute Ischemic Stroke.** *Journal of neurointerventional surgery*
  Choudhri, O., Gupta, M., Feroze, A., Albers, G., Lansberg, M., Do, H., Dodd, R., Marcellus, M., Marks, M.
  2014; 6: A18-9

- **Pre-Operative Somatostatin Analog Therapy Reduces Perioperative Risk from Obstructive Sleep Apnea in Acromegaly: A Case Report**
  Beaver, K., Dodd, R. L., Katznelson, L.
  ENDOCRINE SOC.2014

- **Clinical characteristics and pituitary dysfunction in patients with metastatic cancer to the sella.** *Endocrine practice*
  Ariel, D., Sung, H., Coghlan, N., Dodd, R., Gibbs, I. C., Katznelson, L.
  2013; 19 (6): 914-919

- **Delayed Retraction of the Pipeline Embolization Device and Corking Failure: Pitfalls of Pipeline Embolization Device Placement in the Setting of a Ruptured Aneurysm** *NEUROSURGERY*
  McTaggart, R. A., Santarelli, J. G., Marcelus, M. L., Steinberg, G. K., Dodd, R. L., Do, H. M., Marks, M. P.
  2013; 72 (6): 237-237

- **Delayed retraction of the pipeline embolization device and corking failure: pitfalls of pipeline embolization device placement in the setting of a ruptured aneurysm.** *Neurosurgery*
  McTaggart, R. A., Santarelli, J. G., Marcellus, M. L., Steinberg, G. K., Dodd, R. L., Do, H. M., Marks, M. P.
  2013; 72 (2): onsE245-51

- **Detection of inferolateral trunk syndrome by neuromonitoring during catheter angiography with provocative testing.** *Journal of neurointerventional surgery*
  Le, S., Dodd, R., López, J., Nguyen, V., Cho, S. C., Lee, L.
  2013; 5 (2)

- **Case Series: Intraoperative Neurophysiologic Monitoring (IONM) Changes during Presumably "Non-Critical" Periods of Surgery**
  Lee, L., Cho, S., Viet Nguyen, Ferreira, R., Taricco, L., Steinberg, G., Dodd, R., Ryu, S., Lopez, J.
  LIPPINCOTT WILLIAMS & WILKINS.2013

- **The Stroke Interventional Radiology (SIR) Process for Rapid Transport of the Acute Stroke Patient**
  Baumann, J. J., Barch, C., Dodd, R., Marcellus, M., Lansberg, M.
  LIPPINCOTT WILLIAMS & WILKINS.2013

- **Safety and efficacy of NA-1 in patients with iatrogenic stroke after endovascular aneurysm repair (ENACT): a phase 2, randomised, double-blind, placebo-controlled trial** *LANCET NEUROLOGY*
  Hill, M. D., Martin, R. H., Mikulis, D., Wong, J. H., Silver, F. L., TerBrugge, K. G., Milot, G., Clark, W. M., Macdonald, R. L., Kelly, M. E., Boulton, M., Fleetwood, I., McDougall, et al
  2012; 11 (11): 942-950

- **Initial investigation of F-18-NaF PET/CT for identification of vertebral sites amenable to surgical revision after spinal fusion surgery** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
  Quon, A., Dodd, R., Iagaru, A., de Abreu, M. R., Hennemann, S., Alves Neto, J. M., Sprinz, C.
  2012; 39 (11): 1737-1744

- **Sex Differences in Clinical Presentation and Treatment Outcomes in Moyamoya Disease** *NEUROSURGERY*
  Khan, N., Achrol, A. S., Guzman, R., Burns, T. C., Dodd, R., Bell-Stephens, T., Steinberg, G. K.
  2012; 71 (3): 587-593

- **A Simplified Method for Administration of Intra-Arterial Nicardipine for Vasospasm With Cervical Catheter Infusion** *NEUROSURGERY*
  Pandey, P., Steinberg, G. K., Dodd, R., Do, H. M., Marks, M. P.
  2012; 71: 77-85

- **Multimodality management of Spetzler-Martin Grade III arteriovenous malformations** *JOURNAL OF NEUROSURGERY*
  Pandey, P., Marks, M. P., Harraher, C. D., Westbroek, E. M., Chang, S. D., Do, H. M., Levy, R. P., Dodd, R. L., Steinberg, G. K.
  2012; 116 (6): 1279-1288

- **F18 NaF PET/CT of the spine for the pre-interventional evaluation of back pain**
  Guo, H., Dodd, R., Huy Do, Quon, A.
  SOC NUCLEAR MEDICINE INC.2012

- **Concurrent stenoocclusive disease of intracranial and extracranial arteries in a patient with polycythemia vera.** *Case reports in medicine*
  Hua, L. H., Dodd, R. L., Schwartz, N. E.

2012; 2012: 151767-?

- **The dynamics of post-operative plasma ACTH values following transsphenoidal surgery for Cushing's disease** *PITUITARY*
  Srinivasan, L., Laws, E. R., Dodd, R. L., Monita, M. M., Tannenbaum, C. E., Kirkeby, K. M., Chu, O. S., Harsh, G. R., Katznelson, L.
  2011; 14 (4): 312-317
- **Stereotactic Radiosurgery Yields Long-term Control for Benign Intradural, Extramedullary Spinal Tumors** *NEUROSURGERY*
  Sachdev, S., Dodd, R. L., Chang, S. D., Soltys, S. G., Adler, J. R., Luxton, G., Choi, C. Y., Tupper, L., Gibbs, I. C.
  2011; 69 (3): 533-539
- **Intraoperative Angiography for Cranial Dural Arteriovenous Fistula** *AMERICAN JOURNAL OF NEURORADIOLOGY*
  Pandey, P., Steinberg, G. K., Westbroek, E. M., Dodd, R., Do, H. M., Marks, M. P.
  2011; 32 (6): 1091-1095
- **Predictors of Clinical and Angiographic Outcome After Surgical or Endovascular Therapy of Very Large and Giant Intracranial Aneurysms** *NEUROSURGERY*
  Darsaut, T. E., Darsaut, N. M., Chang, S. D., Silverberg, G. D., Shuer, L. M., Tian, L., Dodd, R. L., Do, H. M., Marks, M. P., Steinberg, G. K.
  2011; 68 (4): 903-915
- **TECHNIQUE FOR TARGETING ARTERIOVENOUS MALFORMATIONS USING FRAMELESS IMAGE-GUIDED ROBOTIC RADIOSURGERY** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Hristov, D., Liu, L., Adler, J. R., Gibbs, I. C., Moore, T., Sarmiento, M., Chang, S. D., Dodd, R., Marks, M., Do, H. M.
  2011; 79 (4): 1232-1240
- **Failure of Primary Percutaneous Angioplasty and Stenting in the Prevention of Ischemia in Moyamoya Angiopathy** *CEREBROVASCULAR DISEASES*
  Khan, N., Dodd, R., Marks, M. P., Bell-Stephens, T., Vavao, J., Steinberg, G. K.
  2011; 31 (2): 147-153
- **Frameless image guided robotic radiosurgery of arteriovenous malformation localized on spatially correlated digital subtraction and C-arm CT angiography images** *JOURNAL OF NEUROINTERVENTIONAL SURGERY*
  Hristov, D., Adler, J. R., Gibbs, I. C., Dodd, R., Marks, M., Chang, S. D., Do, H. M.
  2010; 2 (3): 252-254
- **The Dynamics of Post-Operative Serum ACTH Values Following Transsphenoidal Surgery for Cushing's Disease.**
  Srinivasan, L., Monita, M., Kirkeby, K., Laws, E. R., Dodd, R. L., Chu, O., Katznelson, L.
  ENDOCRINE SOC.2010
- **Gender Differences in Clinical Presentation and Treatment Outcomes in Moyamoya Disease** *International Stroke Conference*
  Khan, N., Achrol, A. S., Guzman, R., Dodd, R., Bell-Stephens, T., Steinberg, G. K.
  LIPPINCOTT WILLIAMS & WILKINS.2010: E264–E264
- **Predictors of Clinical and Angiographic Outcome Following Surgical or Endovascular Therapy of Very Large and Giant Intracranial Aneurysms**
  Darsaut, T. E., Darsaut, N. M., Chang, S. D., Silverberg, G. D., Shuer, L. M., Tian, L., Dodd, R. L., Do, H. M., Marks, M. P., Steinberg, G. K.
  LIPPINCOTT WILLIAMS & WILKINS.2010: E266
- **Successful treatment of severe cerebral vasospasm following hemorrhage of an arteriovenous malformation** *JOURNAL OF NEUROSURGERY-PEDIATRICS*
  Pendharkar, A. V., Guzman, R., Dodd, R., Cornfield, D., Edwards, M. S.
  2009; 4 (3): 266-269
- **Subarachnoid hemorrhage.** *Handbook of clinical neurology*
  Kelly, M. E., Dodd, R., Steinberg, G. K.
  2009; 93: 791-808
- **Stereotactic Radiosurgery Yields Long-term Control for Benign Intradural, Extramedullary Spine Tumors** *51st Annual Meeting of the American-Society-for-Radiation-Oncology (ASTRO)*
  Sachdev, S., Dodd, R. L., Chang, S. D., Soltys, S. G., Adler, J. R., Luxton, G., Choi, C. Y., Tupper, L. A., Gibbs, I. C.
  ELSEVIER SCIENCE INC.2009: S101–S101

- **Image-guided robotic radiosurgery for spinal metastases** *RADIOTHERAPY AND ONCOLOGY*
  Gibbs, I. C., Kamnerdsupaphon, P., Ryu, M., Dodd, R., Kiernan, M., Change, S. D., Adler, J. R.
  2007; 82 (2): 185-190
- **Cyberknife radiosurgery for benign intradural extramedullary spinal tumors** *NEUROSURGERY*
  Dodd, R. L., Ryu, M. R., Kamnerdsupaphon, P., Gibbs, I. C., Chang, S. D., Adler, J. R.
  2006; 58 (4): 674-684
- **Oxidative stress and neuronal death/survival signaling in cerebral ischemia** *Satellite Symposium on Oxidative Mechanisms in Neurodegenerative Disorder*
  Saito, A., Maier, C. M., Narasimhan, P., Nishi, T., Song, Y. S., Yu, F. S., Liu, L., Lee, Y. S., Nito, C., Kamada, H., Dodd, R. L., Hsieh, L. B., Hassid, et al
  HUMANA PRESS INC.2005: 105–16
- **Damage to the endoplasmic reticulum and activation of apoptotic machinery by oxidative stress in ischemic neurons** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
  Hayashi, T., Saito, A., Okuno, S., Ferrand-Duke, M., Dodd, R. L., Chan, P. H.
  2005; 25 (1): 41-53
- **Recoverin regulates light-dependent phosphodiesterasc activity in retinal rods** *JOURNAL OF GENERAL PHYSIOLOGY*
  Makino, C. L., Dodd, R. L., Chen, J., Burns, M. E., Roca, A., Simon, M. I., Baylor, D. A.
  2004; 123 (6): 729-741
- **Oxidative injury to the endoplasmic reticulum in mouse brains after transient focal ischemia** *NEUROBIOLOGY OF DISEASE*
  Hayashi, T., Saito, A., Okuno, S., Ferrand-Drake, M., Dodd, R. L., Chan, P. H.
  2004; 15 (2): 229-239
- **Oxidative damage to the endoplasmic reticulum is implicated in ischemic neuronal cell death** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
  Hayashi, T., Saito, A., Okuno, S., Ferrand-Drake, M., Dodd, R. L., Nishi, T., Maier, C. M., Kinouchi, H., Chan, P. H.
  2003; 23 (10): 1117-1128
- **Spontaneous resolution of a prepontine arachnoid cyst - Case report and review of the literature** *PEDIATRIC NEUROSURGERY*
  Dodd, R. L., Barnes, P. D., Huhn, S. L.
  2002; 37 (3): 152-157
- **Prolonged photoresponses in transgenic mouse rods lacking arrestin** *NATURE*
  Xu, J., Dodd, R. L., Makino, C. L., Simon, M. I., Baylor, D. A., Chen, J.
  1997; 389 (6650): 505-509
- **Phospholipase C beta 4 is involved in modulating the visual response in mice** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Jiang, H. P., Lyubarsky, A., Dodd, R., Vardi, N., Pugh, E., Baylor, D., Simon, M. I., Wu, D. Q.
  1996; 93 (25): 14598-14601
- **Multiple visual pigments in a photoreceptor of the salamander retina** *JOURNAL OF GENERAL PHYSIOLOGY*
  Makino, C. L., Dodd, R. L.
  1996; 108 (1): 27-34
- **"Phospholipase C beta-4 is involved in modulating the visual response in mice** *Proc. Natl. Acad. Sci. USA 93*
  Jiang, H., Lyubarsky, A, Dodd, RL, Vardi, N., Pugh, E., Baylor, D., Simon, M.I., Wu, D
  1996; 14598-601