

# Stanford

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## Dylan Wolman

- Clinical Scholar, Radiology
- Fellow in Medicine
- Resident in Medicine

### Bio

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#### CLINICAL FOCUS

- Diagnostic Radiology

#### INSTITUTE AFFILIATIONS

- Clinical Scholar, Radiology

#### HONORS AND AWARDS

- RSNA Resident/Fellow Research Grant, Radiological Society of North America (2019-2020)
- Moskowitz Research Grant, Stanford Department of Radiology (2017-2018)
- Alpha Omega Alpha, Tufts University School of Medicine (2015)
- George L. Howland Prize for Best Anatomy Dissection, Tufts University School of Medicine (2015)
- William Dameshak Undergraduate Research Award, Tufts University School of Medicine (2015)
- Howard Hughes Medical Fellowship, Howard Hughes Medical Institute, Janelia Research Campus (2012-2013)
- Phi Beta Kappa, Brandeis University (2010)

#### PROFESSIONAL EDUCATION

- Medical Education: Tufts University School of Medicine (2015) MA
- Fellowship: Stanford University Neuroradiology Fellowship (2020) CA
- Residency: Stanford University Radiology Residency (2020) CA
- Internship: California Pacific Medical Center Internal Medicine Residency (2016) CA
- Internship, California Pacific Medical Center , Internal Medicine (2016)
- MD, Tufts University School of Medicine (2015)
- BS, Brandeis University , Neuroscience, Biology (2010)

### Publications

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#### PUBLICATIONS

- **The Promise of Dual-Energy CT in Stroke and Neurovascular Imaging.** *World neurosurgery*  
Wolman, D. N., Pulli, B. n., Heit, J. J.  
2021; 146: 379–80
- **Non-contrast dual-energy CT virtual ischemia maps accurately estimate ischemic core size in large-vessel occlusive stroke.** *Scientific reports*  
Wolman, D. N., van Ommen, F. n., Tong, E. n., Kauw, F. n., Dankbaar, J. W., Bennink, E. n., de Jong, H. W., Molvin, L. n., Wintermark, M. n., Heit, J. J.

2021; 11 (1): 6745

- **Hypoperfusion Intensity Ratio Predicts Malignant Edema and Functional Outcome in Large-Vessel Occlusive Stroke with Poor Revascularization.** *Neurocritical care*  
Murray, N. M., Culbertson, C. J., Wolman, D. N., Mlynash, M., Lansberg, M. G.  
2020
- **Virtual monochromatic dual-energy CT reconstructions improve detection of cerebral infarct in patients with suspicion of stroke.** *Neuroradiology*  
van Ommen, F., Dankbaar, J. W., Zhu, G., Wolman, D. N., Heit, J. J., Kauw, F., Bennink, E., de Jong, H. W., Wintermark, M.  
2020
- **Endovascular Treatment of Acute Carotid Stent Occlusion: Aspiration Thrombectomy and Angioplasty** *CUREUS*  
Murray, N. M., Wolman, D. N., Marks, M., Dodd, R., Do, H. M., Lee, J. T., Heit, J. J.  
2020; 12 (5)
- **Interobserver Agreement for the CT Severity Grading Scales for Acute Traumatic Brain Injury (TBI).** *Journal of neurotrauma*  
Creeden, S., Ding, V., Parker, J. J., Jiang, B., Li, Y., Lanzman, B., Trinh, A., Khalaf, A., Wolman, D., Halpern, C., Boothroyd, D., Wintermark, M.  
2020
- **Image Quality of Virtual Monochromatic Reconstructions of Noncontrast CT on a Dual-Source CT Scanner in Adult Patients.** *Academic radiology*  
van Ommen, F. n., Kauw, F. n., Bennink, E. n., Heit, J. J., Wolman, D. N., Dankbaar, J. W., de Jong, H. W., Wintermark, M. n.  
2020
- **Endovascular Treatment of Acute Carotid Stent Occlusion: Aspiration Thrombectomy and Angioplasty.** *Cureus*  
Murray, N. M., Wolman, D. N., Marks, M. n., Dodd, R. n., Do, H. M., Lee, J. T., Heit, J. J.  
2020; 12 (5): e7997
- **Early Head Computed Tomography Abnormalities Associated with Elevated Intracranial Pressure in Severe Traumatic Brain Injury.** *Journal of neuroimaging : official journal of the American Society of Neuroimaging*  
Murray, N. M., Wolman, D. N., Mlynash, M. n., Threlkeld, Z. D., Christensen, S. n., Heit, J. J., Harris, O. A., Hirsch, K. G.  
2020
- **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
- **Longitudinal Changes in Hippocampal Subfield Volume Associated with Collegiate Football** *JOURNAL OF NEUROTRAUMA*  
Parivash, S. N., Goubran, M., Mills, B. D., Rezaii, P., Thaler, C., Wolman, D., Bian, W., Mitchell, L. A., Boldt, B., Douglas, D., Wilson, E. W., Choi, J., Xie, et al  
2019
- **Achalasia With Tortuous Megaesophagus.** *Seminars in ultrasound, CT, and MR*  
Wolman, D., Gayer, G.  
2019; 40 (3): 275–77
- **Longitudinal changes in hippocampal subfield volume associated with collegiate football.** *Journal of neurotrauma*  
Parivash, S. N., Goubran, M. n., Mills, B. D., Rezaii, P. n., Thaler, C. n., Wolman, D. n., Bian, W. n., Mitchell, L. A., Boldt, B. n., Douglas, D. n., Wilson, E. n., Choi, J. n., Xie, et al  
2019
- **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., Wintermark, M., Zaharchuk, G., Marks, M. P., Do, H. M., Dodd, R. L., Albers, G. W., Lansberg, M. G., Heit, J. J.  
2018; 10 (12): 1132–+
- **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
- **Dual-Energy Computed Tomography Applications in Neurointervention.** *Journal of computer assisted tomography*

Wolman, D. N., Patel, B. P., Wintermark, M. n., Heit, J. J.  
2018

- **Recent advances in vertebral augmentation for the treatment of vertebral body compression fractures** *Curr Phys Med Rehabil Rep*

Wolman, D. N., Heit, J. J.  
2017; 5 (4): 161-174

- **A large fraction of neocortical myelin ensheathes axons of local inhibitory neurons.** *eLife*

Micheva, K. D., Wolman, D., Mensh, B. D., Pax, E., Buchanan, J., Smith, S. J., Bock, D. D.  
2016; 5