

Eric K. van Staalduinen

Clinical Assistant Professor, Radiology

CLINICAL OFFICE (PRIMARY)

- **Stanford Neuroimaging and Neurointervention**

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Bio

CLINICAL FOCUS

- Diagnostic Neuroimaging

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Radiology

PROFESSIONAL EDUCATION

- Residency: Stony Brook University School of Medicine (2020) NY
- Board Certification: Neuroradiology, American Board of Radiology (2022)
- Fellowship: Stanford University Neuroradiology Fellowship (2022) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2021)
- Internship: Stony Brook Southampton Hospital (2016) NY
- Medical Education: Edward Via College of Osteopathic Medicine (2015) VA

Publications

PUBLICATIONS

- **Electrophysiological Brain Connectivity and Subjective States Evoked by Electrical Stimulation of the Human Mid-Thalamus.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
Pantis, S., Togo, M., Lyu, D., Huang, W., Quabs, J., Jung, H., van Staalduinen, E., Liu Yang, L., Chan, A., Fedor, M., Fisher, R., Buch, V., Parvizi, et al
2026
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Taghavi, H. M., Karimpoor, M., van Staalduinen, E., Young, C. B., Georgiadis, M., Carlson, M. L., Romero, A., Trelle, A. N., Vossler, H., Yutsis, M., Rosenberg, J., Davidzon, G. A., Zaharchuk, et al
2025; 21 Suppl 2 (Suppl 2): e096159
- **Combining Clinical Evaluations and Neuroscience Research in the Human Intracranial Electroencephalography Practice: 15-Year Cohort Study** *JOURNAL OF COGNITIVE NEUROSCIENCE*
Lusk, Z., Kwon, A. Y., Pantis, S., Nam, S., Lyu, D., Fisher, R., van Staalduinen, E. K., Buch, V., Parvizi, J.
2025; 37 (11): 2108-2125

- **Topographical map of subjective states evoked by focal seizures and electrical stimulation of the human insula.** *Epilepsia*
Duong, A., Daliri, A., Montavont, A., Von Stein, E. L., van Staalduinen, E. K., Pantis, S., Marc, G., Rheims, S., Buch, V., Mazzola, L., Parvizi, J.
2025
- **Deep Learning Applications in Imaging of Acute Ischemic Stroke: A Systematic Review and Narrative Summary.** *Radiology*
Jiang, B., Pham, N., van Staalduinen, E. K., Liu, Y., Nazari-Farsani, S., Sanaat, A., van Voorst, H., Fettahoglu, A., Kim, D., Ouyang, J., Kumar, A., Srivatsan, A., Hussein, et al
2025; 315 (1): e240775
- **Imaging Anatomy of the Cerebrospinal Fluid Spaces.** *Neuroimaging clinics of North America*
van Staalduinen, E. K., Massoud, T. F.
2025; 35 (1): 1-13
- **Clinical Manifestations.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Taghavi, H. M., Karimpoor, M., van Staalduinen, E., Leventis, S., Young, C. B., Carlson, M. L., Davidzon, G. A., Romero, A., Trelle, A. N., Zaharchuk, G., Vossler, H., Rosenberg, J., Poston, et al
2024; 20 Suppl 3: e092936
- **Elevated tau in the piriform cortex in Alzheimer's but not Parkinson's disease using PET-MR.** *Alzheimer's & dementia (Amsterdam, Netherlands)*
Moein Taghavi, H., Karimpoor, M., van Staalduinen, E. K., Young, C. B., Georgiadis, M., Leventis, S., Carlson, M., Romero, A., Trelle, A., Vossler, H., Yutsis, M., Rosenberg, J., Davidzon, et al
2024; 16 (4): e70040
- **RASopathies influences on neuroanatomical variation in children.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*
McGhee, C. A., Honari, H., Siqueiros-Sanchez, M., Serur, Y., van Staalduinen, E. K., Stevenson, D., Bruno, J. L., Raman, M. M., Green, T.
2024
- **Anatomy of the Spinal Cord, Coverings, and Nerves.** *Neuroimaging clinics of North America*
Hashmi, S. S., van Staalduinen, E. K., Massoud, T. F.
2022; 32 (4): 903-914
- **Intracranial Artery Morphology in Pediatric Moya Moya Disease and Moya Moya Syndrome.** *Neurosurgery*
Yedavalli, V. S., Quon, J. L., Tong, E., van Staalduinen, E. K., Mouches, P., Kim, L. H., Steinberg, G. K., Grant, G. A., Yeom, K. W., Forkert, N. D.
2022
- **Medial Temporal Lobe Anatomy.** *Neuroimaging clinics of North America*
van Staalduinen, E. K., Zeineh, M. M.
2022; 32 (3): 475-489
- **Editorial for "Anatomical Partition-Based Deep Learning: An Automatic Nasopharyngeal Magnetic Resonance Image Recognition Scheme".** *Journal of magnetic resonance imaging : JMRI*
van Staalduinen, E. K.
2022
- **Altered sense of self during seizures in the posteromedial cortex.** *Proceedings of the National Academy of Sciences of the United States of America*
Parvizi, J., Braga, R. M., Kucyi, A., Veit, M. J., Pinheiro-Chagas, P., Perry, C., Sava-Segal, C., Zeineh, M., van Staalduinen, E. K., Henderson, J. M., Markert, M.
2021; 118 (29)
- **Mammary Lobular Carcinoma-Like Salivary Gland Carcinoma: Report of a Rare Case.** *Head and neck pathology*
Lei, L., Van Staalduinen, E., Troxell, M., Ozawa, M. G., Zeineh, M., Berry, G.
2021
- **Editorial on "Grading Soft Tissue Involvement in Nasopharyngeal Carcinoma Using Network and Survival Analyses: A Two-Center Retrospective Study".** *Journal of magnetic resonance imaging : JMRI*
van Staalduinen, E. K.
2021