



Heather E. Moss, MD, PhD

Associate Professor of Ophthalmology and of Neurology

CLINICAL OFFICES

- **Stanford Byers Eye Institute**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. Heather Moss is Associate Professor and Director of Clinical Research in the Stanford Department of Ophthalmology. She directs an innovative clinical-research program in biomarker discovery at the Spencer Center for Vision Research at Stanford and provides expert neuro-ophthalmic clinical care at the Byers Eye Institute at Stanford.

Dr. Moss pursued undergraduate studies in biomedical engineering at the University of Guelph, followed by doctoral studies in medical engineering at Harvard and MIT, seeking to improve human health through application of engineering principles. Working with patients inspired her to become a physician; after earning her medical degree at Harvard, she completed residency training in Neurology and fellowship training in Neuro-ophthalmology at the University of Pennsylvania. She spent six years on the faculty of the University of Illinois at Chicago, serving as the Director of Neuro-ophthalmology and starting a neuro-ophthalmology fellowship training program, before joining the Stanford faculty in 2016.

Her clinical expertise includes diagnosis and treatment of optic nerve diseases, eye movement disorders, and neurological pathology affecting visual pathways. She is a national leader in application of telemedicine to improve access to neuro-ophthalmic care. Her research lab is developing novel diagnostic approaches to neurological and neuro-ophthalmic diseases through application of innovative electrophysiology, imaging, and mathematical modeling. She has published over 80 articles in peer-reviewed journals, has authored numerous book chapters, and serves on the editorial board of four journals. She is a fellow of the American Academy of Neurology (AAN) and the North American Neuro-Ophthalmology Society (NANOS) and has been elected to leadership roles in both organizations.

Outside of work Dr. Moss enjoys spending time with her two children, exploring northern California, and renovating her 100-year-old house.

CLINICAL FOCUS

- Neuro-ophthalmology
- Papilledema, pseudotumor cerebrii, idiopathic intracranial hypertension
- optic neuritis

- Neurology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Ophthalmology
- Associate Professor - University Medical Line, Neurology & Neurological Sciences
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Neuro-ophthalmology Fellowship, Stanford School of Medicine, (2021- present)
- Director, Clinical Research, Stanford Department of Ophthalmology, (2020- present)
- Director, Neuro-ophthalmology Fellowship, University of Illinois at Chicago Department of Ophthalmology, (2011-2016)
- Director, Neuro-ophthalmology Section, University of Illinois at Chicago Department of Ophthalmology, (2011-2016)

HONORS AND AWARDS

- Achievement Award, American Academy of Ophthalmology (2021)
- Faculty Teaching Award (resident selected), Stanford Department of Ophthalmology (2020)
- Sybil Harrington Special Scholar Award, Research to Prevent Blindness (2015)
- Young Investigator of the Year, North American Neuro-ophthalmology Society (2015)
- Teacher of the year, Chicago Curriculum in Ophthalmology (2012, 2014)
- Zeritsky prize for research by a resident, University of Pennsylvania (2009)
- Biomedical engineering pre-doctoral fellowship, Whitaker Foundation (1998-2003)
- Science and Technology Award, Canadian Federation of University Women (1998)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Chair, New Knowledge in Neuro-ophthalmology Committee, North American Neuro-ophthalmology Society (2020 - present)
- Chair, Outcomes Committee, North American Neuro-ophthalmology Society (2020 - present)
- Chair, Practice Support Committee, North American Neuro-ophthalmology Society (2020 - present)
- Member, EyeNet Editorial Board, American Academy of Ophthalmology (2020 - present)
- Member, Health Information Management Committee, Stanford Health Care (2020 - present)
- Member, Quality Council, Stanford Department of Ophthalmology (2020 - present)
- Associate Editor, Neuro-ophthalmology, Medlink Inc. (2019 - present)
- Associate Editor, Neuro-ophthalmology, Frontiers in Neurology (2018 - present)
- Member, Basic and Clinical Science Curriculum Section 5 Committee, American Academy of Ophthalmology (2018 - present)
- Section Director, Clinical Research, Journal of Neuro-ophthalmology (2018 - present)
- Member, Board of Directors, North American Neuro-Ophthalmology Society (2017 - present)
- Fellow, American Academy of Neurology (2016 - present)
- Fellow, North American Neuro-ophthalmology Society (2016 - present)
- Review Editor, Current Eye Research (2016 - present)
- (Vice) Chair, Neuro-ophthalmology Neuro-otology Section, American Academy of Neurology (2016 - 2020)
- Chair, Abstract Committee, North American Neuro-ophthalmology Society (2016 - 2020)

- President, Upper Midwest Neuro-ophthalmology Group (2015 - 2016)
- Assistant Editor, Neuro-ophthalmology (2013 - 2019)

PROFESSIONAL EDUCATION

- Certificate, Stanford Medicine Leadership Academy , Leadership (2021)
- Certificate, Realizing Improvement through Team Empowerment (RITE), Stanford Medicine , Quality Improvement (2020)
- Certificate, Stanford Medicine Leadership Development Program , Leadership (2020)
- Graduate Certificate, University of Illinois School of Public Health , Clinical and Translational Research (2014)
- fellowship, University of Illinois at Chicago , Medical Education (2011)
- fellowship, University of Pennsylvania , Neuro-ophthalmology (2010)
- board certification, American Board of Psychiatry and Neurology , Adult Neurology (2010)
- residency, University of Pennsylvania , Neurology (2009)
- Internship: Massachusetts General Hospital Internal Medicine Residency (2006) MA
- MD, Harvard Medical School (2005)
- PhD (joint program), Harvard-MIT Division of Health Sciences and Technology , Medical Engineering & Medical Physics (2003)
- PhD, Harvard University , Engineering Sciences (2003)
- B.Sc. (eng), University of Guelph (Canada) , Biological Engineering (1997)

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- Moss Lab: <https://med.stanford.edu/mosslab.html>
- Stanford Neuro-ophthalmology clinical fellowship: <https://med.stanford.edu/ophthalmology/education/clinical-fellowships/neuro-ophthalmology.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Permanent vision loss caused by papilledema, the swelling of the optic nerve heads due to elevation in intracranial pressure (ICP), occurs in 50% of people with idiopathic intracranial hypertension (IIH) as well as individuals with high ICP from other neurological and neurosurgical diseases. One reason that blindness results from IIH, which is a treatable disease, is lack of timely, accurate clinical markers with which to identify those who are at risk of losing vision.

My research program seeks to identify and develop such markers through studies of papilledema physiology in humans affected by IIH. My current studies focus on humans with IIH because this accurately captures both the disease of interest and the target population. The conceptual frameworks that underlie my research program are drawn from my doctoral level engineering training. Using a mechanical (structural) framework I am evaluating the effect of changing intra-cerebral and intra-optic nerve forces from ICP and papilledema on the shape of the optic nerve and retinal blood vessels. Using an electrical (functional) framework I am evaluating patterns of visual pathway dysfunction in papilledema using non-invasive techniques of electrophysiology, pupillary light response and psychophysics. Markers based on both of these frameworks have the potential to capture the dynamics of pathophysiological changes associated with evolving and resolving papilledema with less delay than currently used clinical markers.

My aim is to develop non-invasive structural and functional markers of papilledema physiology that predict visual outcomes in IIH and guide tailored intervention that will improve visual outcomes and prevent blindness. The short-term objective of my research program is to evaluate candidate markers with regards to differences between untreated IIH, treated IIH and normal patients, changes over time in IIH patients receiving treatment, and differences between IIH patients with and without

vision loss. The long-term objective of my research program is to elucidate markers of papilledema physiology that can be studied non-invasively and to ascertain their ability to predict future visual function in IIH and guide clinical management.

Other areas of active research include study of peri-operative vision loss and visual pathway based diagnosis of neuro-degenerative diseases. I am actively involved in clinical trials through the Neuro-Ophthalmology Research Disease Investigator Consortium (NORDIC).

CLINICAL TRIALS

- NA-AION Risk Factors: New Perspectives, Recruiting
- Efficacy & Safety of RPh201 Treatment in Patients With Previous Nonarteritic Anterior Ischemic Optic Neuropathy (NAION), Not Recruiting
- Phase 2/3, Randomized, Double-Masked, Sham-Controlled Trial of QPI-1007 in Subjects With Acute Nonarteritic Anterior Ischemic Optic Neuropathy (NAION), Not Recruiting
- Surgical Idiopathic Intracranial Hypertension Treatment Trial, Not Recruiting

PROJECTS

- Physiologically Based Markers of Idiopathic Intracranial Hypertension - Stanford University
- Risk factors for peri-operative vision loss - Stanford University, University of Illinois at Chicago, University of Chicago
- Visual pathway based markers of neuro-degenerative disease
- Neuro-ophthalmology clinical research

Publications

PUBLICATIONS

- **SARS-CoV-2 Infection, Vaccination, and Neuro-Ophthalmic Complications.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Chaitanuwong, P., Moss, H. E., El Dairi, M. A.
2023; 43 (1): 1-4
- **Visual Outcomes Following Plasma Exchange for Optic Neuritis: An International Multicenter Retrospective Analysis of 395 Optic Neuritis Attacks.** *American journal of ophthalmology*
Chen, J. J., Flanagan, E. P., Pittock, S. J., Stern, N. C., Tisavipat, N., Bhatti, M. T., Chodnicki, K. D., Tajfirouz, D. A., Jamali, S., Kunchok, A., Eggenberger, E. R., Nome, M. A., Sotirchos, et al
2023
- **Evolution of Disparities in Outpatient Ophthalmic Care at a Tertiary Care Center in California at the Beginning of and One Year into the COVID-19 Public Health Emergency.** *Ophthalmic epidemiology*
Shen, A. A., Gutierrez, K. G., Villegas, N. C., Moss, H. E.
2023: 1-10
- **Accuracy of International Classification of Diseases Codes for Identifying Acute Optic Neuritis.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Muro-Fuentes, E. A., Villarreal Navarro, S. E., Moss, H. E.
2023
- **Atypical Presentations of Extraparenchymal Neurocysticercosis.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Fan, J., Tang, R., Zhang, L., Hoang, P. T., Ayoade, F., Diaz-Perez, J. A., Moss, H. E., Jiang, H.
2023
- **Pituitary macroadenoma causing vision loss in Wyburn-Mason syndrome: illustrative case.** *Journal of neurosurgery. Case lessons*
Hug, N. F., Purger, D. A., Moss, H. E., Dodd, R. L.
2022; 4 (26)
- **Details and outcomes of a large cohort of MOG-IgG associated optic neuritis.** *Multiple sclerosis and related disorders*

- Chen, J. J., Flanagan, E. P., Bhatti, M. T., Tisavipat, N., Jamali, S., Kunchok, A., Eggenberger, E. R., Nome, M. D., Sotirchos, E. S., Vasileiou, E. S., Henderson, A. D., Arnold, A. C., Bonelli, et al
2022; 68: 104237
- **Perioperative Care of the Patient with Eye Pathologies Undergoing Nonocular Surgery.** *Anesthesiology*
Roth, S., Moss, H. E., Vajaranant, T. S., Sweitzer, B.
2022
 - **Perioperative Ischemic Optic Neuropathy after Cardiac Surgery: Development and Validation of a Preoperative Risk Prediction Model.** *Journal of cardiothoracic and vascular anesthesia*
Shah, S. H., Xiao, L., Chen, Y., Moss, H. E., Rubin, D. S., Roth, S.
2022
 - **Tele-Neuro-Ophthalmology Utilization, Availability, and Attitudes: Update 1 Year Into the COVID-19 Public Health Emergency.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Lai, K. E., Ko, M. W.
2022
 - **High Altitude as a Risk Factor for the Development of Nonarteritic Anterior Ischemic Optic Neuropathy.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Liu, Y. A., Mesentier-Louro, L. A., Shariati, M. A., Moss, H. E., Beres, S. J., Liao, Y. J.
2022
 - **Retinal Vessel Tortuosity Indices (VTIs) as a potential biomarker of idiopathic intracranial hypertension(IIH): Baseline analysis of the IIH treatment trial**
Buickians, D., Dahshan, D., Shahidi, M., Nankali, A., Feldon, S. E., Moss, H.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **Tele-Neuro-Ophthalmology: An Update One Year Into The COVID-19 Pandemic**
Ng, A., Moss, H., Lai, K., Ko, M.
LIPPINCOTT WILLIAMS & WILKINS.2022
 - **Representation of Women in Ophthalmology Subspecialty Societies over 20** *OPHTHALMOLOGY*
Azad, A. D., Chandramohan, A., Li, A. S., Rosenblatt, T. R., Reeves, M. R., Veerappan-Pasricha, M., Ludwig, C. A., Nguyen, A., Wings, K. M., Wang, S. Y., Pan, C. K., Moss, H. E., Do, et al
2022; 129 (5): 587-590
 - **Evaluation of Interventions Targeting Follow-up Appointment Scheduling After Emergency Department Referral to Ophthalmology Clinics Using A3 Problem Solving.** *JAMA ophthalmology*
Tan, C. H., Mickelsen, J., Villegas, N., Levina, M., Shows, A., Oruna, K., Erickson, B., Moss, H. E.
2022
 - **Patient Personality and Illness Perceptions in Relation to Follow-Up Appointment Adherence in Neuro-Ophthalmology.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Aziz, R., Bindiganavale, M. P., Chang, R. T., Moss, H. E.
2022
 - **Management of Functional Vision Disorders.** *Current neurology and neuroscience reports*
Phansalkar, R., Lockman, A. J., Bansal, S., Moss, H. E.
2022
 - **Predictive Value of International Classification of Diseases Codes for Idiopathic Intracranial Hypertension in a University Health System.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Khushzad, F., Kumar, R., Muminovic, I., Moss, H. E.
2022; 42 (1): 6-10
 - **OCT retinal nerve fiber layer thickness differentiates acute optic neuritis from MOG antibody-associated disease and Multiple Sclerosis: RNFL thickening in acute optic neuritis from MOGAD vs MS.** *Multiple sclerosis and related disorders*
Chen, J. J., Sotirchos, E. S., Henderson, A. D., Vasileiou, E. S., Flanagan, E. P., Bhatti, M. T., Jamali, S., Eggenberger, E. R., Dinome, M., Frohman, L. P., Arnold, A. C., Bonelli, L., Seleme, et al
1800; 58: 103525

- **Diagnostic performance of neuroimaging in suspected idiopathic intracranial hypertension.** *Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia*
Wang, M. T., Prime, Z. J., Xu, W., McKelvie, J., Papchenko, T., Padungkiatsagul, T., Moss, H. E., Danesh-Meyer, H. V.
1800; 96: 56-60
- **Representation of Women in Ophthalmology Subspecialty Societies over 20 Years.** *Ophthalmology*
Azad, A. D., Chandramohan, A., Li, A. S., Rosenblatt, T. R., Reeves, M. R., Pasricha, M. V., Ludwig, C. A., Nguyen, A., Wings, K. M., Wang, S. Y., Pan, C. K., Moss, H. E., Do, et al
1800
- **Emerging concepts in the treatment of optic neuritis: mesenchymal stem cell-derived extracellular vesicles.** *Stem cell research & therapy*
Aneesh, A., Liu, A., Moss, H. E., Feinstein, D., Ravindran, S., Mathew, B., Roth, S.
2021; 12 (1): 594
- **Variability of Retinal Vessel Tortuosity Measurements Using a Semiautomated Method Applied to Fundus Images in Subjects With Papilledema.** *Translational vision science & technology*
Moss, H. E., Cao, J., Wasi, M., Feldon, S. E., Shahidi, M.
1800; 10 (14): 32
- **Evolving Evidence in Idiopathic Intracranial Hypertension.** *Life (Basel, Switzerland)*
Mollan, S. P., Moss, H. E., Hamann, S.
2021; 11 (11)
- **Development and Preliminary Validation of a Virtual Reality Approach for Measurement of Torsional Strabismus.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Bindiganavale, M., Buickians, D., Lambert, S. R., Bodnar, Z. M., Moss, H. E.
2021
- **Development of a Prognostic Model for Predicting Multiple Sclerosis After Optic Neuritis: A Secondary Analysis of Data From the Optic Neuritis Treatment Trial.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Luo, W., Deng, X., Xu, X., Song, R., Luo, M., Moss, H. E., Du, Y.
2021
- **Optical coherence tomography demonstrates more severe peripapillary retinal nerve fiber layer thickening in acute optic neuritis from myelin oligodendrocyte glycoprotein antibody associated disorder than multiple sclerosis**
Chen, J., Sotirchos, E., Henderson, A., Vasileiou, E., Flanagan, E., Bhatti, M. T., Jamali, S., Eggenberger, E., Dinome, M., Frohman, L., Arnold, A., Bonelli, L., Seleme, et al
SAGE PUBLICATIONS LTD.2021: 485-486
- **The Impact of COVID-19 on Neuro-Ophthalmology Office Visits and Adoption of Telemedicine Services.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Ko, M. W., Mackay, D. D., Chauhan, D., Gutierrez, K. G., Villegas, N. C., Lai, K. E.
2021; 41 (3): 362-367
- **Gender Gap in Neurology Research Authorship (1946-2020).** *Frontiers in neurology*
Nguyen, A. X., Yoffe, L., Li, A., Trinh, X. V., Kurian, J., Moss, H. E., Wu, A. Y.
2021; 12: 715428
- **Factors Associated With Increased Emergency Department Utilization in Patients With Acute Optic Neuritis.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Muro-Fuentes, E. A., Moss, H. E.
2021
- **Optic chiasm involvement in AQP-4 antibody-positive NMO and MOG antibody-associated disorder.** *Multiple sclerosis (Houndmills, Basingstoke, England)*
Tajfirouz, D., Padungkiatsagul, T., Beres, S., Moss, H. E., Pittock, S., Flanagan, E., Kunchok, A., Shah, S., Bhatti, M. T., Chen, J. J.
2021: 13524585211011450
- **Neuro-Ophthalmic Emergencies.** *Neurologic clinics*
Spiegel, S. J., Moss, H. E.
2021; 39 (2): 631-47

- **Factors Associated with Adherence to Followup Recommendations in Neuro-Ophthalmology**
Aziz, R., Moss, H.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Functional Vision Disorders in adults: A paradigm and nomenclature shift for ophthalmology.** *Survey of ophthalmology*
Raviskanthan, S., Wendt, S., Ugoh, P. M., Mortensen, P. W., Moss, H. E., Lee, A. G.
2021
- **Development and Implementation of a Handheld Pupillometer for Detection of Optic Neuropathies.** *Current eye research*
Bindiganavale, M. P., Moss, H. E.
2021: 1–4
- **Head-Down Tilt Bed Rest Studies as a Terrestrial Analog for Spaceflight Associated Neuro-Ocular Syndrome.** *Frontiers in neurology*
Ong, J., Lee, A. G., Moss, H. E.
2021; 12: 648958
- **Retinal Vein Changes as a Biomarker to Guide Diagnosis and Management of Elevated Intracranial Pressure.** *Frontiers in neurology*
Moss, H. E.
2021; 12: 751370
- **Comparison of Machine Learning Approaches to Improve Diagnosis of Optic Neuropathy Using Photopic Negative Response Measured Using a Handheld Device.** *Frontiers in medicine*
Diao, T., Kushzad, F., Patel, M. D., Bindiganavale, M. P., Wasi, M., Kochenderfer, M. J., Moss, H. E.
1800; 8: 771713
- **Novel Foveal Features Associated With Vision Impairment in Multiple Sclerosis.** *Investigative ophthalmology & visual science*
Hargrave, A., Sredar, N., Khushzad, F., Yarp, J., Tomczak, A., Han, M., Kipp, L., Dubra, A., Moss, H. E.
2021; 62 (12): 27
- **Should Lumbar Puncture Be Required to Diagnose Every Patient With Idiopathic Intracranial Hypertension?** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Margolin, E. A., Lee, A. G., Van Stavern, G. P.
2021; 41 (3): 379-384
- **Validity of International Classification of Diseases Codes for Identifying Neuro-Ophthalmic Disease in Large Data Sets: A Systematic Review.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Hamedani, A. G., De Lott, L. B., Deveney, T., Moss, H. E.
2020; 40 (4): 514–19
- **More rapid recovery and improved outcome with early steroid therapy in mog-igg associated optic neuritis**
Chen, J., Flanagan, E., Bhatti, M., Jamali, S., Kunchok, A., Eggenberger, E., Aciermo, M., Arnold, A., Seleme, E., Meija-Vergara, A., Moss, H., Padungkiatsagul, T., Stiebel-Kalish, et al
SAGE PUBLICATIONS LTD.2020: 466-467
- **Numerical Investigation on the Role of Mechanical Factors Contributing to Globe Flattening in States of Elevated Intracranial Pressure.** *Life (Basel, Switzerland)*
Mehr, J. A., Moss, H. E., Hatami-Marbini, H.
2020; 10 (12)
- **Telemedicine for neuro-ophthalmology: challenges and opportunities.** *Current opinion in neurology*
Liu, Y. A., Ko, M. W., Moss, H. E.
2020
- **MRI findings as markers of idiopathic intracranial hypertension.** *Current opinion in neurology*
Barkatullah, A. F., Leishangthem, L., Moss, H. E.
2020
- **Retinal Diseases that Can Masquerade as Neurological Causes of Vision Loss.** *Current neurology and neuroscience reports*
Padungkiatsagul, T., Leung, L., Moss, H. E.
2020; 20 (11): 51

- **Higher Cortical Dysfunction Presenting as Visual Symptoms in Neurodegenerative Diseases.** *Frontiers in neurology*
Liu, Y., Pelak, V. S., van Stavern, G., Moss, H. E.
2020; 11: 679
- **Differences in Clinical Features of Myelin Oligodendrocyte Glycoprotein Antibody-Associated Optic Neuritis in White and Asian Race.** *American journal of ophthalmology*
Padungkiatsagul, T., Chen, J. J., Jindahra, P., Akaishi, T., Takahashi, T., Nakashima, I., Takeshita, T., Moss, H. E.
2020
- **A Tearfully Painful Darkness.** *Survey of ophthalmology*
Leishangthem, L., Beres, S., Moss, H. E., Chen, J.
2020
- **Acute Inflammatory Optic Neuritis Associated with a Self-Taper of Oral Prednisone in a Patient Taking Adalimumab.** *Neuro-ophthalmology (Aeolus Press)*
Komandur, A., MacIntosh, P., Moss, H.
2020; 44 (3): 186–89
- **Optical coherence tomography use in idiopathic intracranial hypertension.** *Annals of eye science*
Malhotra, K., Padungkiatsagul, T., Moss, H. E.
2020; 5
- **Randomized Controlled Trials: A Primer for Neuro-Ophthalmologists.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Cao, J., Pineles, S. L.
2020; 40 (1): 3–7
- **Retinal vessel diameter changes after 6 months of treatment in the Idiopathic Intracranial Hypertension Treatment Trial.** *The British journal of ophthalmology*
Moss, H. E., Hollar, R. A., Fischer, W. S., Feldon, S. E.
2020
- **Application of Hemifield Visual Electrophysiology to Diagnose Functional Vision Loss.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Jabbehdari, S. n.
2020
- **Anterior Optic Neuropathy in a Patient With Cyclical Fevers.** *JAMA ophthalmology*
Jabbehdari, S. n., Lakusta, A. R., Moss, H. E.
2020
- **Peri-operative ischemic optic neuropathy in spinal fusion surgery: Validating a predictive scoring system.** *The spine journal : official journal of the North American Spine Society*
Moss, H. E., Xiao, L. n., Shah, S. H., Chen, Y. F., Joslin, C. n., Roth, S. n.
2020
- **Ultra-widefield Fundus Image in Oculocutaneous Albinism.** *JAMA ophthalmology*
Padungkiatsagul, T. n., Leishangthem, L. n., Moss, H. E.
2020; 138 (9): e200864
- **Evolution of the Journal of Neuro-Ophthalmology and the Clinical Ophthalmology Literature: A 20-Year Retrospective.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Blankshain, K. D., Joslin, C. E., Pineles, S. L., Moss, H. E.
2020; 40 (2): 141–43
- **The Case-Control Study in Neuro-Ophthalmology.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Hamedani, A. G., Pineles, S. L., Moss, H. E.
2020; 40 (2): 144–47
- **Predictive model of Ischemic optic neuropathy in spinal fusion surgery using a longitudinal medical claims database.** *The spine journal : official journal of the North American Spine Society*
Moss, H. E., Xiao, L. n., Shah, S. H., Chen, Y. F., Joslin, C. n., Roth, S. n.

2020

- **Steroid-sparing maintenance immunotherapy for MOG-IgG associated disorder.** *Neurology*
Chen, J. J., Flanagan, E. P., Bhatti, M. T., Jitprapaikulsan, J. n., Dubey, D. n., Lopez Chiriboga, A. S., Fryer, J. P., Weinschenker, B. G., McKeon, A. n., Tillema, J. M., Lennon, V. A., Lucchinetti, C. F., Kunchok, et al
2020
- **Survey of Telehealth Adoption by Neuro-ophthalmologists During the COVID-19 Pandemic: Benefits, Barriers and Utility.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Moss, H. E., Lai, K. E., Ko, M. W.
2020
- **Reversal of Iris Heterochromia in Adult-Onset Acquired Horner Syndrome.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Padungkiatsagul, T. n., Leishangthem, L. n., Moss, H. E.
2020
- **Update on the Diagnosis and Treatment of Idiopathic Intracranial Hypertension.** *Seminars in neurology*
Ahmad, S. R., Moss, H. E.
2019; 39 (6): 682–91
- **Big Data Research in Neuro-Ophthalmology: Promises and Pitfalls** *JOURNAL OF NEURO-OPHTHALMOLOGY*
Moss, H. E., Joslin, C. E., Rubin, D. S., Roth, S.
2019; 39 (4): 480–86
- **Chiasmal and Postchiasmal Disease.** *Continuum (Minneapolis, Minn.)*
Moss, H. E.
2019; 25 (5): 1310-1328
- **Methods for Quantifying Optic Disc Volume and Peripapillary Deflection Volume Using Radial Optical Coherence Tomography Scans and Association With Intracranial Pressure** *FRONTIERS IN NEUROLOGY*
Patel, M., Malhotra, K., Shirazi, Z., Moss, H. E.
2019; 10
- **Methods for Quantifying Optic Disc Volume and Peripapillary Deflection Volume Using Radial Optical Coherence Tomography Scans and Association With Intracranial Pressure.** *Frontiers in neurology*
Patel, M. D., Malhotra, K., Shirazi, Z., Moss, H. E.
2019; 10: 798
- **Predicting Risk of Perioperative Ischemic Optic Neuropathy: A Study Using the US National Inpatient Sample**
Roth, S., Shah, S., Chen, Y., Moss, H., Rubin, D., Joslin, C.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Perioperative Visual Loss in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Raphael, J., Moss, H. E., Roth, S.
2019; 33 (5): 1420–29
- **Predicting Risk of Perioperative Ischemic Optic Neuropathy in Spine Fusion Surgery: A Cohort Study Using the National Inpatient Sample.** *Anesthesia and analgesia*
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