



Prithvi Mruthyunjaya, MD, MHS

Professor of Ophthalmology and, by courtesy, of Radiation Oncology

CLINICAL OFFICE (PRIMARY)

- **Stanford Byers Eye Institute**

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Bio

BIO

****DR MRUTHYUNJAYA IS AVAILABLE TO CARE FOR ADULT AND PEDIATRIC PATIENTS WITH EYE CANCERS AND ADULTS with COMPLEX RETINAL DISEASES****

Prithvi Mruthyunjaya MD, MHS is Professor of Ophthalmology and Professor of Radiation Oncology (by courtesy) at Stanford University, Director of Ocular Oncology at the Byers Eye Institute, and member of the Vitreoretinal Surgery Service. He is a board certified ophthalmologist who has completed two prestigious fellowships: the first in Vitreoretinal Surgery at Duke University and the second in Ocular Oncology at Moorfields Eye Hospital in London, England.

He cares for patients with conditions related to cancer of the eye in both adults and children--either benign, pre-cancerous, or malignant. These conditions include ocular melanoma, hemangioma, cancers from other parts of the body which spread to the eye, Coats' disease, retinoblastoma, iris tumors (melanoma, cysts, metastatic lesions) and tumors of the conjunctiva including melanoma, and squamous cells carcinoma. He also manages the eye-related side effects of chemotherapy treatments. He is an expert in using the most advanced diagnostic tests to make a personalized treatment plan for every patient. With his expertise in retinal surgery, he treats patients with a variety of advanced techniques including small instrument tumor biopsy, vitrectomy, and radiation therapy. His approach to any patient is to provide customized care for every patient and works closely with other experts at the Stanford Cancer Institute.

As a retinal surgeon, he manages complicated retinal diseases including retinal detachment, macular holes, epiretinal membranes, and diabetic eye disease.

Dr. Mruthyunjaya is actively involved in research in ocular cancer imaging, genetics, and new modalities of tumor biopsy. He actively participates in early phase clinical trial development in ocular oncology and has brought cutting-edge treatment options to his patients at Stanford. He has published extensively in the field of ocular oncology, ophthalmic imaging, and complex retinal surgery. In addition he holds leadership positions in the American Academy of Ophthalmology (AAO), the Retina Society, and the International Society of Ocular Oncology.

His passion lies in developing collaborative research networks and training the next generation of vitreoretinal surgeons. He serves as the Vitreoretinal Surgery Fellowship Director at Stanford. His academic contributions were recognized by the Heed, AOS-Knapp and Ronald G Michels foundations and the American Society of Retina Specialists with their Senior Honor Award. He has received the Senior Achievement and Secretariat Award by the American Academy of Ophthalmology. He was recently listed as one of the worlds 150 most innovative retinal specialists and is a 2022 inductee in the Global Retinal Hall of Fame.

BIOGRAPHY:

He grew up in Upstate New York and was selected for the highly prestigious accelerated 6-year medical program completing his undergraduate studies at Rensselaer in 2 years then moving on to complete his medical studies at Albany Medical College where he was elected to the Alpha Omega Alpha honor society. . At the Duke Eye Center in Durham, NC, he finished his Ophthalmology residency, Chief Residency, and clinical-research fellowships in Vitreoretinal surgery followed by an Ocular Oncology fellowship at the Moorfields Eye Hospital in London, UK. He returned to Duke University where he served on faculty for 15 years building a comprehensive eye cancer service.

He joined the faculty of the Byers Eye Institute where he has established a state-of-the-art ocular oncology service at Stanford University in Palo Alto, CA. His passion includes teaching the next generation of students, residents and fellows and currently serves as the retinal surgery fellowship director at Stanford. He has enjoyed moving to the Bay area with his family.

CLINICAL FOCUS

- Ocular Oncology
- Vitreoretinal Surgery
- Eye Cancer
- Ocular Melanoma
- Retinoblastoma
- Ocular lymphoma
- Choroidal metastatic disease
- retinal detachment
- Epiretinal membrane
- Macular Hole
- Retina Specialist

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Ophthalmology
- Professor - University Medical Line (By courtesy), Radiation Oncology - Radiation Therapy
- Member, Bio-X
- Member, Stanford Cancer Institute
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Vitreoretinal Surgery Fellowship Program, Byers Eye Institute, (2018- present)
- Director of Ocular Oncology, Byers Eye Institute, (2016- present)

HONORS AND AWARDS

- Crystal Apple Award for Excellence in Teaching and Education, American Society of Retina Specialists (2023)
- Presidential Award, American Society of Retina Specialists (2023)
- Fellow, American Society of Retina Specialists (2022)
- Inductee, Global Retina Hall of Fame, Retina World Congress (2022)
- Secretariat Award, American Academy of Ophthalmology (2022)
- Faculty Educator of the Year, Byers Eye Institute, Stanford University (2021)
- Senior Achievement Award, American Academy of Ophthalmology (2019)
- Golden Apple Award as best faculty teacher, Duke University Eye Center (2016)
- Senior Honor Award, American Society of Retinal Specialists (2016)
- Honor Award, Association of Asian Indian Ophthalmologists (2014)
- Honor award, American Society of Retina Specialists (2014)
- Achievement Award, American Academy of Ophthalmology (2010)
- Ronald G. Michels Fellowship Foundation award as best senior fellow in the country, Ronald G. Michels Foundation (2004)
- American Ophthalmologic Society (AOS)- Knapp Ophthalmic Foundation Fellowship, Heed Ophthalmic Foundation (2003)
- Hornaday Fellow as Best Outgoing Fellow, Duke University Eye Center (2003)
- Heed Ophthalmic Foundation Fellowship, Heed Ophthalmic Foundation (2002)
- Edward K. Isbey, Jr. Resident Award for Excellence in Clinical Care, Ethics and Research, Duke University Eye Center (2000)
- Alpha Omega Alpha honor society, Albany Medical College (1996)
- Summa Cum Laude, Rensselaer Polytechnic Institute (1994)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- By-Laws Committee member, The Retina Society (2016 - present)
- Editorial Board member, RETINA--The Journal of Retinal and Vitreous Diseases (2016 - present)
- Editorial board- Retina section, EyeNet- American Academy of Ophthalmology (2016 - present)
- Life Member, Association of Asian Indian Ophthalmologists (2015 - present)
- Life member, The Heed foundation (2015 - present)
- Education section editor, Retina Times (2014 - present)
- Member, The Macula Society (2014 - present)
- Membership Committee, International Society of Ocular Oncology (2014 - present)
- Oral Boards Examiner, American Board of Ophthalmology (2011 - present)
- Fellow, American Academy of Ophthalmology (2010 - present)
- Member, International Society of Ocular Oncology (2004 - present)

PROFESSIONAL EDUCATION

- Fellowship: Duke University Medical Center Ophthalmology Fellowships (2004) NC
- Internship: University of Rochester Internal Medicine Residency (1997) NY
- Medical Education: Albany Medical College (1996) NY
- MHS, Duke University School of Medicine , Health Science in Clinical Research (2016)
- Fellowship, Moorfields Eye Hospital, London UK , Ocular Oncology (2005)

- Fellowship, Duke University Eye Center , Vitreoretinal Surgery (2004)
- Chief Resident, Duke University Eye Center , Ophthalmology (2002)
- Residency, Duke University Eye Center , Ophthalmology (2000)
- MD, Albany Medical College , Medicine (1996)
- BS, Rensselaer Polytechnic Institute , Biology (1994)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr Mruthyunjaya has maintained a broad research interest with publications in both ocular oncology and retinal diseases.

His focus is on multi-modal imaging of ocular tumors and understanding imaging clues that may predict vision loss after ocular radiation therapy. He coordinates multi-center research on the role of genetic testing and outcomes of treatments of ocular melanoma.

In the field of retinal diseases, his interests are in intra-operative imaging to enhance surgical accuracy.

CLINICAL TRIALS

- A Phase 3 Randomized, Masked, Controlled Trial to Evaluate Efficacy and Safety of Belzupacap Sarotalocan (AU-011) Treatment Compared to Sham Control in Subjects with Primary Indeterminate Lesions or Small Choroidal Melanoma, Recruiting
- A Registry of Subjects With Primary Indeterminate Lesions or Choroidal Melanoma, Recruiting
- Intravitreal Faricimab Injections or Fluocinolone Acetonide (0.19 mg) Intravitreal Implants vs Observation for Prevention of VA Loss Due to Radiation Retinopathy, Not Recruiting
- Phase 2 Trial to Evaluate Belzupacap Sarotalocan (AU-011) Via Suprachoroidal Administration in Subjects With Primary Indeterminate Lesions and Small Choroidal Melanoma, Not Recruiting
- Study in Subjects With Small Primary Choroidal Melanoma, Not Recruiting

Publications

PUBLICATIONS

- **A mystery choroidal mass.** *American journal of ophthalmology case reports*
Mishra, K., Mruthyunjaya, P.
2024; 36: 102115
- **Reply to comment on: Impact of GLP-1 Agonists and SGLT-2 Inhibitors on Diabetic Retinopathy Progression: An Aggregated Electronic Health Record Data Study.** *American journal of ophthalmology*
Wai, K. M., Mishra, K., Koo, E., Ludwig, C. A., Parikh, R., Mruthyunjaya, P., Rahimy, E.
2024
- **Initial Therapy of Panretinal Photocoagulation vs Anti-VEGF Injection for Proliferative Diabetic Retinopathy.** *JAMA ophthalmology*
Alsoudi, A. F., Wai, K. M., Koo, E., Parikh, R., Mruthyunjaya, P., Rahimy, E.
2024
- **Anti-VEGF Biosimilars for Retinal Diseases Survey 2023- India (Bio-INDAS) by the International Retina Biosimilar Study Group(Inter-BIOSGroup) in collaboration with the Vitreo-Retinal Society of India (VRSI).** *Eye (London, England)*
Sharma, A., Kaiser, P. K., Tadayoni, R., Holz, F. G., Nicholson, L., Vazquez-Alfageme, C., Sivaprasad, S., Wakabayashi, T., Woo, S. J., Sarraf, D., Kumar, N., Parachuri, N., Regillo, et al
2024
- **Risk of ocular neovascular conversion and systemic bleeding complications in patients with AMD on DOACs or Warfarin.** *Ophthalmology*
Alsoudi, A. F., Koo, E., Wai, K., Mruthyunjaya, P., Rahimy, E.
2024
- **Impact of Obstructive Sleep Apnea on Diabetic Retinopathy Progression and Systemic Complications.** *American journal of ophthalmology*
Rahimy, E., Koo, E. B., Wai, K. M., Ludwig, C. A., Kessler, A. L., Mruthyunjaya, P.

2024

- **15-Gene Expression Profile and PRAME as Integrated Prognostic Test for Uveal Melanoma: First Report of Collaborative Ocular Oncology Group Study No. 2 (COOG2.1).** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Harbour, J. W., Correa, Z. M., Scheffler, A. C., Mruthyunjaya, P., Materin, M. A., Aaberg, T. A., Skalet, A. H., Reichstein, D. A., Weis, E., Kim, I. K., Fuller, T. S., Demirci, H., Piggott, et al
2024; JCO2400447
- **Endogenous Fusarium Endophthalmitis after Bone Marrow Transplant: A Case Report and Literature Review.** *Vision (Basel, Switzerland)*
Zhao, C. S., Wai, K., Koo, E. B., Rahimy, E., Mruthyunjaya, P., Mahajan, V. B., DeBoer, C. M.
2024; 8 (3)
- **Progression to Pars Plana Vitrectomy in Patients With Proliferative Diabetic Retinopathy.** *JAMA ophthalmology*
Alsoudi, A. F., Wai, K. M., Koo, E., Parikh, R., Mruthyunjaya, P., Rahimy, E.
2024
- **Sensitivity of Magnetic Resonance Imaging in Detection of Choroidal Metastases** *OCULAR ONCOLOGY AND PATHOLOGY*
Yu, M. D., Miller, S., Ghoraba, H., Sabage, L. E., Fischbein, N. J., Mruthyunjaya, P.
2024; 10 (2): 80-87
- **Sensitivity of Magnetic Resonance Imaging in Detection of Choroidal Metastases.** *Ocular oncology and pathology*
Yu, M. D., Miller, S., Ghoraba, H., Sabage, L. E., Fischbein, N. J., Mruthyunjaya, P.
2024; 10 (2): 80-87
- **Impact of GLP-1 Agonists and SGLT-2 Inhibitors on Diabetic Retinopathy Progression: An Aggregated Electronic Health Record Data Study.** *American journal of ophthalmology*
Wai, K. M., Mishra, K., Koo, E., Ludwig, C. A., Parikh, R., Mruthyunjaya, P., Rahimy, E.
2024
- **Using Electronic Health Record Data to Determine the Safety of Aqueous Humor Liquid Biopsies for Molecular Analyses.** *Ophthalmology science*
Wolf, J., Chemudupati, T., Kumar, A., Franco, J. A., Montague, A. A., Lin, C. C., Lee, W. S., Fisher, A. C., Goldberg, J. L., Mruthyunjaya, P., Chang, R. T., Mahajan, V. B.
2024; 4 (5): 100517
- **An Unusual Pigmented Lesion.** *Ophthalmology*
Thakur, S., Guo, L. Y., Mruthyunjaya, P.
2024
- **Association of ocular manifestations of Marfan syndrome with cardiovascular complications.** *American journal of ophthalmology*
Tran, E. M., Wai, K. M., Kessler, A. L., Mruthyunjaya, P., Rahimy, E., Koo, E. B.
2024
- **Association of Cutaneous Keloids, Hypertrophic Scarring, and Fibrosis with Risk of Post-operative Proliferative Vitreoretinopathy.** *Ophthalmology*
Mammo, D. A., Wai, K., Rahimy, E., Pan, C. K., Srivastava, S. K., Mruthyunjaya, P.
2024
- **Liquid Biopsy Proteomics in Ophthalmology.** *Journal of proteome research*
Wolf, J., Franco, J. A., Yip, R., Dabaja, M. Z., Velez, G., Liu, F., Bassuk, A. G., Mruthyunjaya, P., Dufour, A., Mahajan, V. B.
2024
- **AI-Human Hybrid Workflow Enhances Teleophthalmology for the Detection of Diabetic Retinopathy.** *Ophthalmology science*
Dow, E. R., Khan, N. C., Chen, K. M., Mishra, K., Perera, C., Narala, R., Basina, M., Dang, J., Kim, M., Levine, M., Phadke, A., Tan, M., Weng, et al
2023; 3 (4): 100330
- **Retinoblastoma Outcomes in the Americas: a prospective analysis of 491 children with retinoblastoma from 23 American countries.** *American journal of ophthalmology*
Berry, J. L., Pike, S., Rajagopalan, A., Reid, M. W., Fabian, I. D., Afshar, A. R., Alejos, A., Alemany-Rubio, E., Carreras, Y. A., Arazi, M., Astbury, N. J., Bascaran, C., Binkley, et al
2023
- **Artificial Intelligence Improves Patient Follow-Up in a Diabetic Retinopathy Screening Program.** *Clinical ophthalmology (Auckland, N.Z.)*

- Dow, E. R., Chen, K. M., Zhao, C. S., Knapp, A. N., Phadke, A., Weng, K., Do, D. V., Mahajan, V. B., Mruthyunjaya, P., Leng, T., Myung, D. 2023; 17: 3323-3330
- **Cross-Platform Identification and Validation of Uveal Melanoma Vitreous Protein Biomarkers.** *Investigative ophthalmology & visual science*
Velez, G., Wolf, J., Dufour, A., Mruthyunjaya, P., Mahajan, V. B.
2023; 64 (14): 14
 - **Risk of Stroke, Myocardial Infarction, and Death After Retinal Artery Occlusion.** *JAMA ophthalmology*
Wai, K. M., Knapp, A., Ludwig, C. A., Koo, E., Parikh, R., Rahimy, E., Mruthyunjaya, P.
2023
 - **Pegcetacoplan for the treatment of geographic atrophy secondary to age-related macular degeneration (OAKS and DERBY): two multicentre, randomised, double-masked, sham-controlled, phase 3 trials.** *Lancet (London, England)*
Heier, J. S., Lad, E. M., Holz, F. G., Rosenfeld, P. J., Guymer, R. H., Boyer, D., Grossi, F., Bauman, C. R., Korobelnik, J., Slakter, J. S., Waheed, N. K., Metlapally, R., Pearce, et al
2023; 402 (10411): 1434-1448
 - **Liquid-biopsy proteomics combined with AI identifies cellular drivers of eye aging and disease in vivo.** *Cell*
Wolf, J., Rasmussen, D. K., Sun, Y. J., Vu, J. T., Wang, E., Espinosa, C., Bigini, F., Chang, R. T., Montague, A. A., Tang, P. H., Mruthyunjaya, P., Aghaepour, N., Dufour, et al
2023
 - **Risk of Stroke, Myocardial Infarction, Deep Vein Thrombosis, Pulmonary Embolism, and Death after Retinal Vein Occlusion.** *American journal of ophthalmology*
Wai, K. M., Ludwig, C. A., Koo, E., Parikh, R., Mruthyunjaya, P., Rahimy, E.
2023
 - **Reply.** *Ophthalmology*
Zhang, C., Friedman, S., Mruthyunjaya, P., Parikh, R.
2023
 - **Unpredictability of Axial Elongation in Infants undergoing Cataract Surgery**
Abrant, A., Oke, I., McClatchey, S., Mruthyunjaya, P., Moshfeghi, D. M., Ludwig, C., Lambert, S. R.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **Real world outcomes from artificial intelligence to detect diabetic retinopathy in the primary care setting: 12 month experience**
Knapp, A. N., Dow, E., Chen, K., Khan, N. C., Do, D. V., Mahajan, V., Mruthyunjaya, P., Leng, T., Myung, D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **Effect of Next Generation Oral Hypoglycemic Agents on Diabetic Retinopathy Progression: A National Cohort Study**
Wai, K., Ahluwalia, A., Abrant, A., Ludwig, C., Parikh, R., Mruthyunjaya, P., Rahimy, E.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **Validation of a Novel Approach to Estimate Choroidal Lesion Thickness Using 2D Ultra-widefield Optomap Images**
Ahluwalia, A., Yu, M., Heiferman, M., Korot, E., Yu, G., Mruthyunjaya, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **The Biosimilar Paradox: How Anti-VEGF Biosimilars will Increase Patient and Overall Healthcare Costs**
Zhang, C., Friedman, S., Mruthyunjaya, P., Parikh, R.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **Quantifying Optomap Images by Pixel Difference to Characterize Metastatic Choroidal Lesions and Estimate Lesion Thickness**
Yu, G., Yu, M., Ahluwalia, A., Heiferman, M., Korot, E., Amarikwa, L., Mruthyunjaya, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **Sensitivity of Magnetic Resonance Imaging in Detection of Choroidal Metastasis**
Yu, M., Ghoraba, H., Miller, S., Fischbein, N., Mruthyunjaya, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
 - **The Biosimilar Paradox: How Anti-VEGF Biosimilars will Increase Patient and Overall Healthcare Costs.** *Ophthalmology*
Zhang, C., Friedman, S., Mruthyunjaya, P., Parikh, R.

2023

- **Uveal Melanoma and the IRIS (R) Registry (Intelligent Research in Sight): A Pilot Analysis and Future Directions** *OPHTHALMOLOGY RETINA*
Uner, O. E., Aronow, M. E., Mruthyunjaya, P., Materin, M. A., Stacey, A. W., Wilson, M., Afshar, A., Skalet, A. H.
2023; 7 (3): 284-286
- **Endoscopic enucleation and clinicopathologic correlation of a small choroidal melanoma hiding massive extrascleral extension.** *American journal of ophthalmology case reports*
Yu, M. D., Chiang, B., Pasricha, M. V., Erickson, B. P., Mruthyunjaya, P.
2023; 29: 101797
- **Prediction for 2-Year Vision Outcomes Using Early Morphologic and Functional Responses in the Comparison of Age-related Macular Degeneration Treatments Trials.** *Ophthalmology. Retina*
Xue, K., Hua, P., Maguire, M. G., Daniel, E., Jaffe, G. J., Grunwald, J. E., Ying, G., Comparison of age-related macular degeneration Treatments Trials (CATT) Research Group, Williams, D. F., Beardsley, S., Bennett, S., Cantrill, H., Chan-Tram, C., et al
2023
- **Bilateral optic nerve infiltration in high-grade systemic lymphoma with secondary combined central retinal artery and vein occlusions.** *Retina (Philadelphia, Pa.)*
Yu, G., Sandino, I., Mruthyunjaya, P., Ghoraba, H. H.
2023
- **Acute Macular Neuroretinopathy and Coronavirus Disease 2019** *OPHTHALMOLOGY RETINA*
Dinh, R. H., Tsui, E., Wieder, M. S., Barash, A., Park, M. M., Rahimy, E., Mruthyunjaya, P., Lu, L. J., Michalak, S. M., Shah, R. J., Sierpina, D., Winter, T. W., Shields, et al
2023; 7 (2): 198-200
- **Acute Macular Neuroretinopathy and Coronavirus Disease 2019** *OPHTHALMOLOGY RETINA*
[Anonymous]
2023; 7 (2): 198
- **Private equity in ophthalmology and optometry: a time series analysis from 2012 to 2021.** *Digital journal of ophthalmology : DJO*
Patil, S. A., Vail, D. G., Cox, J. T., Chen, E., Mruthyunjaya, P., Tsai, J. C., Parikh, R.
2023; 29 (1): 6-13
- **Intraoperative Complications With Vitreous Biopsy for Molecular Proteomics** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Mishra, K., Velez, G., Chemudupati, T., Tang, P. H., Mruthyunjaya, P., Sanislo, S. R., Mahajan, V. B.
2023; 54 (1): 32-36
- **Uveal Melanoma and the Intelligent Research in Sight Registry: A Pilot Analysis and Future Directions.** *Ophthalmology. Retina*
Uner, O. E., Aronow, M. E., Mruthyunjaya, P., Materin, M. A., Stacey, A. W., Wilson, M., Afshar, A., Skalet, A. H.
2022
- **Acute macular neuroretinopathy and COVID-19 infection.** *Ophthalmology. Retina*
Dinh, R. H., Tsui, E., Wieder, M. S., Barash, A., Park, M. M., Rahimy, E., Mruthyunjaya, P., Lu, L. J., Michalak, S. M., Shah, R. J., Sierpina, D., Winter, T. W., Shields, et al
2022
- **Radio-luminescent imaging for rapid, high resolution eye plaque loading verification.** *Medical physics*
Yan, H., De Jean, P., Grafil, E., Ashraf, R., Niedermayr, T., Astrahan, M., Mruthyunjaya, P., Beadle, B., Xing, L., Liu, W.
2022
- **Update in Molecular Testing for Intraocular Lymphoma.** *Cancers*
Heiferman, M. J., Yu, M. D., Mruthyunjaya, P.
2022; 14 (19)
- **Presumed bilateral diffuse uveal melanocytic proliferation - A case report and review of literature.** *American journal of ophthalmology case reports*
Parakh, S., Maheshwari, S., Das, S., Kumar, V., Agrawal, R., Gupta, V., Mruthyunjaya, P., Luthra, S.
2022; 27: 101582
- **Predominantly Persistent Intraretinal Fluid in the Comparison of Age-related Macular Degeneration Treatments Trials** *OPHTHALMOLOGY RETINA*

- Core, J. Q., Pistilli, M., Hua, P., Daniel, E., Grunwald, J. E., Toth, C. A., Jaffe, G. J., Martin, D. F., Maguire, M. G., Ying, G., Comparison Age-related Macular Deg
2022; 6 (9): 771-785
- **Intravitreal brolucizumab as treatment of early onset radiation retinopathy secondary to plaque brachytherapy for choroidal melanoma.** *American journal of ophthalmology case reports*
Villegas, N. C., Mishra, K., Steinle, N., Liu, W., Beadle, B., Mruthyunjaya, P.
2022; 27: 101581
 - **The Global Retinoblastoma Outcome Study: a prospective, cluster-based analysis of 4064 patients from 149 countries** *LANCET GLOBAL HEALTH*
Alia, D. B., Tandili, A., Paiva, L., Wime, A., Chantada, G. L., Fandino, A. C., Sgroi, M., Papyan, R., Tamamyian, G., Camuglia, J. E., Gole, G. A., Clark, A., Lam, et al
2022; 10 (8): E1128-E1140
 - **Predicting Systemic Health Features from Retinal Fundus Images Using Transfer-Learning-Based Artificial Intelligence Models.** *Diagnostics (Basel, Switzerland)*
Khan, N. C., Perera, C., Dow, E. R., Chen, K. M., Mahajan, V. B., Mruthyunjaya, P., Do, D. V., Leng, T., Myung, D.
2022; 12 (7)
 - **Vitreofoveal Traction Associated With Pilocarpine for Presbyopia** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
Amarikwa, L., Michalak, S. M., Caul, S., Mruthyunjaya, P., Rahimy, E.
2022; 53 (7): 410-411
 - **Applicant Characteristics Associated with Retina Fellowship Match from 2010-2019.** *Ophthalmology. Retina*
Burton, E., Mishra, K., Arsiwala, L. T., Zafar, S., Justin, G. A., Mruthyunjaya, P., Woreta, F. A.
2022
 - **Radio-Luminescent Imaging for Rapid, High Resolution Eye Plaque Loading Verification**
Liu, W., De Jean, P., Yan, H., Grafil, E., Ashraf, M., Niedermayr, T., Astrahan, M., Mruthyunjaya, P., Beadle, B., Xing, L.
WILEY.2022: E458
 - **Vitrectomy after Anti-VEGF or Pan-retinal Photocoagulation Therapy in Proliferative Diabetic Retinopathy**
Hwang, B., Azad, A. D., Chen, E., Rayess, N., Hinkle, J. W., Parikh, R., Mruthyunjaya, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **A Novel Approach to Estimating Choroidal Lesion Thickness Using 2D Optomap Images**
Yu, M., Heiferman, M., Korot, E., Mruthyunjaya, P.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **Predicting systemic health features from retinal fundus images using transfer-learning based AI models**
Khan, N. C., Perera, C., Dow, E. R., Leng, T., Mahajan, V. B., Mruthyunjaya, P., Do, D. V., Myung, D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **Integration of Artificial Intelligence into a Telemedicine-Based Diabetic Retinopathy Screening Program**
Chen, K., Dow, E. R., Khan, N. C., Levine, M., Perera, C., Phadke, A., Dang, J., Weng, K., Do, D. V., Mahajan, V. B., Mruthyunjaya, P., Mishra, K., Leng, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **Loss of Cilia in Uveal Melanoma: Implications for Diagnosis**
Heiferman, M., Ning, K., Song, E., Kowal, T., Dryden, I., Tran, M., Dalal, R., Chu, P., Mruthyunjaya, P., Lin, J., Sun, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **PRAME Immunohistochemistry in Conjunctival Melanocytic Lesions**
Dryden, I., Steinbergs, K., Ahmadian, S., Lin, C., Mruthyunjaya, P., Lin, J.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
 - **Preferentially Expressed Antigen in Melanoma Immunohistochemistry Labeling in Uveal Melanomas** *OCULAR ONCOLOGY AND PATHOLOGY*
Ahmadian, S. S., Dryden, I. J., Naranjo, A., Toland, A., Cayrol, R. A., Born, D. E., Egbert, P. S., Brown, R. A., Mruthyunjaya, P., Lin, J. H.
2022; 8 (2): 133-140
 - **The Effect of Obstructive Sleep Apnea Treatment and Severity on Choroidal Thickness in Patients With Central Serous Chorioretinopathy.** *Journal of vitreoretinal diseases*

- Azad, A. D., Davila, J. R., Rayess, N., Cao, M., Mruthyunjaya, P., Pan, C. K.
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