

Stanford



G. Atma Vemulakonda, MD

Adjunct Clinical Assistant Professor, Ophthalmology

CLINICAL OFFICES

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Bio

BIO

Dr. Vemulakonda cares for adult patients with both medical and surgical retinal conditions including Age-related macular degeneration, Diabetic retinopathy, Macular degeneration, Macular holes, epiretinal membranes, retinal vein occlusion, macular edema, retinal tears and holes, and Retinal detachment.

Dr. Vemulakonda earned his medical degree from Washington University School of Medicine in St. Louis, Missouri, where he also completed his residency in Ophthalmology. He completed a fellowship in vitreoretinal surgery at the Casey Eye Institute at Oregon Health and Science University in Portland.

Prior to moving to the San Francisco Bay Area, Dr. Vemulakonda was an Associate professor, surgeon, and educator at the University of Washington.

CLINICAL FOCUS

- Vitreoretinal Surgery
- Medical Retina
- Age Related Macular Degeneration
- Diabetic Retinopathy
- Retinal Detachment
- Macular Hole
- Ophthalmology
- Epiretinal Membrane

ADMINISTRATIVE APPOINTMENTS

- Associate Professor, University of Washington, (2014-2015)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- American Academy of Ophthalmology (AAO) communications Secretariat, patient education committee, American Academy of Ophthalmology (2018 - present)
- American Academy of Ophthalmology (AAO) Preferred practice patterns retina committee, American Academy of Ophthalmology (2018 - present)
- American Academy of Ophthalmology (AAO) Leadership Development Program, American Academy of Ophthalmology (2012 - 2013)

PROFESSIONAL EDUCATION

- Board Certification: Ophthalmology, American Board of Ophthalmology (2008)
- Fellowship: Casey Eye Institute OHSU (2008) OR
- Residency: Washington University Ophthalmology Residency (2006) MO
- Internship: Mercy Hospital St Louis Transitional Year (2003) MO
- Medical Education: Washington University School Of Medicine Registrar (2002) MO

Publications

PUBLICATIONS

- **Diabetic Retinopathy Preferred Practice Pattern (R) *OPHTHALMOLOGY***
Olsen, T. W., Al-Rajhi, A., Ambrus, A., Daly, M., Lum, F. C.
2020; 127 (1): P66-P145
- **Age-Related Macular Degeneration Preferred Practice Pattern (R) *OPHTHALMOLOGY***
Olsen, T. W., Al-Rajhi, A., Ambrus, A., Daly, M., Lum, F. C.
2020; 127 (1): P1-P65
- **Expanded 2-year follow-up of ranibizumab plus prompt or deferred laser or triamcinolone plus prompt laser for diabetic macular edema. *Ophthalmology***
Elman, M. J., Bressler, N. M., Qin, H., Beck, R. W., Ferris, F. L., Friedman, S. M., Glassman, A. R., Scott, I. U., Stockdale, C. R., Sun, J. K.
2011; 118 (4): 609-14
- **Effects of Medical Therapies on Retinopathy Progression in Type 2 Diabetes. *NEW ENGLAND JOURNAL OF MEDICINE***
Chew, E. Y., Ambrosius, W. T., Davis, M. D., Danis, R. P., Gangaputra, S., Greven, C. M., Hubbard, L., Esser, B. A., Lovato, J. F., Perdue, L. H., Goff, D. C., Cushman, W. C., Ginsberg, et al
2010; 363 (3): 233-44
- **Randomized trial evaluating ranibizumab plus prompt or deferred laser or triamcinolone plus prompt laser for diabetic macular edema. *Ophthalmology***
Elman, M. J., Aiello, L. P., Beck, R. W., Bressler, N. M., Bressler, S. B., Edwards, A. R., Ferris, F. L., Friedman, S. M., Glassman, A. R., Miller, K. M., Scott, I. U., Stockdale, C. R., Sun, et al
2010; 117 (6): 1064-1077.e35
- **Retinal Vein Occlusions Preferred Practice Pattern *OPHTHALMOLOGY***
Flaxel, C. J., Adelman, R. A., Bailey, S. T., Fawzi, A., Lim, J. I., Vemulakonda, G. A., Ying, G.
2020; 127 (2): P288-P320
- **Idiopathic Macular Hole Preferred Practice Pattern *OPHTHALMOLOGY***
Flaxel, C. J., Adelman, R. A., Bailey, S. T., Fawzi, A., Lim, J. I., Vemulakonda, G. A., Ying, G.
2020; 127 (2): P184-P222
- **Posterior Vitreous Detachment, Retinal Breaks, and Lattice Degeneration Preferred Practice Pattern (R) *OPHTHALMOLOGY***
Olsen, T. W., Al-Rajhi, A., Ambrus, A., Daly, M., Lum, F. C.
2020; 127 (1): P223-P258
- **Optic Nerve Head Perfusion Before and After Intravitreal Antivascular Growth Factor Injections Using Optical Coherence Tomography-based Microangiography *JOURNAL OF GLAUCOMA***

- Wen, J. C., Chen, C., Rezaei, K. A., Chao, J. R., Vemulakonda, A., Luttrell, I., Wang, R. K., Chen, P. P.
2019; 28 (3): 188-193
- **Plasma Vascular Endothelial Growth Factor Concentrations after Intravitreal Anti-Vascular Endothelial Growth Factor Therapy for Diabetic Macular Edema.** *Ophthalmology*
Jampol, L. M., Glassman, A. R., Liu, D., Aiello, L. P., Bressler, N. M., Duh, E. J., Quaggin, S., Wells, J. A., Wyckoff, C. C.
2018; 125 (7): 1054-1063
 - **Assessing the Effect of Personalized Diabetes Risk Assessments During Ophthalmologic Visits on Glycemic Control: A Randomized Clinical Trial.** *JAMA ophthalmology*
Aiello, L. P., Ayala, A. R., Antoszyk, A. N., Arnold-Bush, B., Baker, C., Bressler, N. M., Elman, M. J., Glassman, A. R., Jampol, L. M., Melia, M., Nielsen, J., Wolpert, H. A.
2015; 133 (8): 888-96
 - **Retinal Neovascularization and Endogenous Fungal Endophthalmitis in Intravenous Drug Users** *Ophthalmology*
Vemulakonda, G. A.
2014
 - **Macular Edema After Cataract Surgery in Eyes Without Preoperative Central-Involved Diabetic Macular Edema** *JAMA OPHTHALMOLOGY*
Baker, C. W., Almukhtar, T., Bressler, N. M., Glassman, A. R., Grover, S., Kim, S. J., Murtha, T. J., Rauser, M. E., Stockdale, C., Diabetic Retinopathy Clinical Res
2013; 131 (7): 870-879
 - **Rationale for the diabetic retinopathy clinical research network treatment protocol for center-involved diabetic macular edema.** *Ophthalmology*
Aiello, L. P., Beck, R. W., Bressler, N. M., Browning, D. J., Chalam, K. V., Davis, M., Ferris, F. L., Glassman, A. R., Maturi, R. K., Stockdale, C. R., Topping, T. M.
2011; 118 (12): e5-14
 - **Aqueous and vitreous concentrations following topical administration of 1% voriconazole in humans.** *Archives of ophthalmology (Chicago, Ill. : 1960)*
Vemulakonda, G. A., Hariprasad, S. M., Mieler, W. F., Prince, R. A., Shah, G. K., Van Gelder, R. N.
2008; 126 (1): 18-22

PRESENTATIONS

- Posterior Vitreous Detachment, Retinal Breaks and Detachment, and Lattice Degeneration: Management and follow-up recommendations from the Preferred Practice Pattern Guidelines. - American Academy of Ophthalmology 2019 National Annual Meeting