Stanford



Steven Sanislo, MD

Clinical Professor, Ophthalmology

Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Byers Eye Institute**

  2452 Watson Ct

  Palo Alto, CA 94303

  Tel (650) 723-6995 **Fax** (650) 725-6619

Bio

BIO

Dr Sanislo has over 25 years of experience in clinical and surgical practice in retinal and vitreoretinal diseases. He is the senior vitreoretinal surgeon at Stanford and maintains a large clinical practice as well as teaching ophthalmology residents and retina fellows. He also participates in clinical research for varying retinal conditions. Dr. Sanislo received ophthalmology training as a resident here at Stanford, and received vitreoretinal training as a fellow at the Cleveland Clinic Foundation.

Research interests include treatment of age-related macular degeneration, diabetic retinopathy and other retinal diseases.

Dr. Sanislo has extensive clinical and surgical experience in the following diseases:

- Age-related macular degeneration
- Posterior uveitis / infectious and inflammatory disease of the posterior segment
- Diabetic retinopathy
- Myopic degeneration / pathologic myopia
- Macular pucker / epiretinal membranes
- Macular hole
- Repair of simple and complex retinal detachments
- Macular edema
- Retinal vascular occlusion
- Subluxed or malpositioned intraocular lenses

CLINICAL FOCUS

- Vitreoretinal surgery and medical treatment
- Posterior uveitis
- Retina Specialist

ACADEMIC APPOINTMENTS

- Clinical Professor, Ophthalmology

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Academy of Ophthalmology (1998 - present)
- Member, Association for Research in Ophthalology (1998 - present)
- Diplomat, American Board of Ophthalmology (1988 - present)
- Member, American Society of Retina Specialists (1998 - present)
- Member, Retina Society (2005 - present)

PROFESSIONAL EDUCATION

- Board Certification: Ophthalmology, American Board of Ophthalmology (2009)
- Fellowship: Cleveland Clinic Foundation (1988) OH
- Medical Education: University of Michigan School of Medicine (1991) MI
- Internship: Santa Clara Valley Medical Center (1992) CA
- Residency: Stanford University Ophthalmology Residency (1996) CA

Research & Scholarship

CLINICAL TRIALS

- A Study to Evaluate the Efficacy, Durability, and Safety of KSI-301 Compared to Aflibercept in Patients With Macular Edema Due to Retinal Vein Occlusion (RVO), Not Recruiting
- A Trial to Evaluate the Efficacy, Durability, and Safety of KSI-301 Compared to Aflibercept in Participants With Diabetic Macular Edema (DME), Not Recruiting
- Lucentis in Advanced Macular Degeneration, Not Recruiting
- MEK Inhibitor MEK162, Idarubicin, and Cytarabine in Treating Patients With Relapsed or Refractory Acute Myeloid Leukemia, Not Recruiting
- Non-Damaging Photothermal Therapy of Non-exudative Age Related Macular Degeneration, 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

Publications

PUBLICATIONS

- **Proliferative Sarcoid Retinopathy With Bilateral Tractional Retinal Detachment.** *Ophthalmic surgery, lasers & imaging retina*
  Chung, M. E., Sanislo, S. R., Or, C., Wai, K. M., Smith, S. J.
  2026: 1-4
- **Multi-omics liquid biopsy identifies mitochondrial dysfunction in geographic atrophy and supports the longevity-associated metabolite α-ketoglutarate as a therapeutic strategy.** *medRxiv : the preprint server for health sciences*
  Yeh, T. C., Velez, G., Prasad, A., Lee, S. H., Rasmussen, D. K., Kumar, A., Chadha, M., Dabaja, M. Z., Singh, A. M., Sanislo, S., Smith, S., Mryuthyunjaya, P., Montague, et al
  2026
- **Prevalence of Systemic Comorbidities and Ocular Complications in Patients With Bilateral Retinal Telangiectasia.** *Journal of vitreoretinal diseases*
  Zhao, C. S., Do, D. V., Sanislo, S. R., Ludwig, C., Rahimy, E., Mruthyunjaya, P., Wai, K. M.
  2026: 24741264261423313
- **In-clinic vitreous biopsy peel pack technique.** *International journal of retina and vitreous*
  DeBoer, C., Zhao, C., Mruthyunjaya, P., Mahajan, V. B., Wai, K. M., Sanislo, S. R.

2025; 11 (1): 15

- **Emerging Oral Pharmaceuticals for Dry Age-Related Macular Degeneration: Mechanism of Action, Current Clinical Status, and Future Directions** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
  Deboer, C. M. T., Rasmussen, D. K., Franco, J. A., Mahajan, V. B.
  2024; 55 (9): 528-534
- **Simplified Clinic-Based Vitreous Biopsy Technique Using A Vitreous Cutter and Manual Actuation**
  DeBoer, C., Knapp, A. N., Wai, K., Mruthyunjaya, P., Mahajan, V. B., Sanislo, S.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **In-Office Vitreous Biopsy With a Vitreous Cutter and Manual Actuation** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
  Deboer, C. M. T., Mahajan, V. B., Sanislo, S. R.
  2024; 55 (2): 116-118
- **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
- **Immunotherapy-induced retinopathy mimicking cancer associated retinopathy.** *American journal of ophthalmology case reports*
  Ghoraba, H., Or, C., Karaca, I., Mishra, K., Akhavanrezayat, A., Park, S., Than, N., Leung, L., Sanislo, S., Dong Nguyen, Q.
  2022; 26: 101449
- **The Impact of the COVID-19 Pandemic on Aflibercept and Ranibizumab Anti-VEGF Injections**
  Mishra, K., Al Moujahed, A., Sanislo, S., Do, D. V.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Visual acuity and progression of macular atrophy in patients receiving intravitreal anti-VEGF for age-related macular degeneration.** *European journal of ophthalmology*
  Ji, M. H., Callaway, N. F., Ludwig, C. A., Vail, D., Al-Moujahed, A., Rosenblatt, T. R., Leng, T., Sanislo, S. R., Moshfeghi, D. M.
  2021: 11206721211001708
- **Successful interventions to improve efficiency and reduce patient visit duration in a retina practice.** *Retina (Philadelphia, Pa.)*
  Lin, C. C., Li, A. S., Ma, H., Lin, X., Olivares, M. Z., Haubrich, A., Sanislo, S., Do, D. V.
  2021
- **Cystoid Macular Edema on the Inner Retinal and Epiretinal Surface.** *Ophthalmology. Retina*
  Park, J. G., Sanislo, S. R.
  2020; 4 (9): 918
- **Cystoid Macular Edema on the Inner Retinal and Epiretinal Surface** *OPHTHALMOLOGY RETINA*
  Park, J. G., Sanislo, S. R.
  2020; 4 (9): 918
- **Bilateral curvilinear chorioretinal streaks.** *Canadian journal of ophthalmology. Journal canadien d'ophtalmologie*
  Park, J. G., Sanislo, S. R., Nguyen, Q. D.
  2020
- **Reductions in final visual acuity occur even within the first 3 days after a macula-off retinal detachment** *BRITISH JOURNAL OF OPHTHALMOLOGY*
  Greven, M. A., Leng, T., Silva, R., Leung, L., Karth, P. A., Moshfeghi, D. M., Sanislo, S. R., Schachar, I. H.
  2019; 103 (10): 161–64
- **Regression patterns of Retinopathy of Prematurity after intravitreal injection of Ranibizumab**
  Ji, M. H., Moshfeghi, D., Shields, R. A., Bodnar, Z., Ludwig, C. A., Callaway, N. F., Leng, T., Sanislo, S., Orazi, L., Amorelli, G., Lepore, D.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019
- **Effect of Proliferative Diabetic Retinopathy on Development of Neovascular AMD: a Big Data Analysis**
  Brodie, F., Stell, L., Bhuckory, M., Zuckerman, V., Vounotrypidis, E., Sanislo, S., Palanker, D. V.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019

- **Intraoperative Optical Coherence Tomography Demonstrating Macular Hole Associated With Ruptured Retinal Arterial Macroaneurysm** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
  Greven, M. A., Sanislo, S.
  2019; 50 (4): E125–E127
- **Sudden-Onset Painless Blurry Vision.** *JAMA ophthalmology*
  Tang, P. H., Zubair, T. n., Sanislo, S. R.
  2019
- **A fatal case of Susac syndrome: The importance of ophthalmic examination in confirming the diagnosis.** *American journal of ophthalmology case reports*
  Shields, R. A., Kleinman, R. A., Smith, S. J., Sanislo, S. R., Nguyen, Q. D.
  2018; 12: 18–20
- **Reductions in final visual acuity occur even within the first 3 days after a macula-off retinal detachment.** *The British journal of ophthalmology*
  Greven, M. A., Leng, T., Silva, R. A., Leung, L. B., Karth, P. A., Moshfeghi, D. M., Sanislo, S. R., Schachar, I. H.
  2018
- **Orbital, eyelid, and nasopharyngeal silicone oil granuloma presenting as ptosis & pseudo-xanthelasma.** *American journal of ophthalmology case reports*
  Powers, M. A., Wood, E. H., Erickson, B. P., Singh, K., Sanislo, S. R., Kossler, A. L.
  2018; 11: 45–48
- **Progressive Reductions in Acuity Occur even within the First Three Days After a Macula-Off Retinal Detachment**
  Greven, M., Leng, T., Leung, L., Moshfeghi, D. M., Sanislo, S., Silva, R., Schachar, I.
  ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2018
- **Correspondence.** *Retina (Philadelphia, Pa.)*
  Gaynon, M. W., Wood, E. H., Powers, M. A., Sanislo, S. R.
  2018; 38 (5): e36–e37
- **Visualization of Lamellar Hole-Associated Epiretinal Proliferation With Blue-Reflectance Imaging** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
  Gaynon, M. W., Wood, E. H., Powers, M. A., Sanislo, S. R.
  2018; 38 (5): E36–E37
- **The superficial and deep retinal capillary plexus in cases of fovea plana imaged by spectral-domain optical coherence tomography angiography.** *American journal of ophthalmology case reports*
  Kaidonis, G., Silva, R. A., Sanislo, S. R., Leng, T.
  2017; 6: 41–44
- **Regarding 'Advances of optical coherence tomography in myopia and pathologic myopia'.** *Eye (London, England)*
  Wood, E. H., Powers, M. A., Sanislo, S. R., Gaynon, M. W.
  2017
- **NONDAMAGING RETINAL LASER THERAPY FOR TREATMENT OF CENTRAL SEROUS CHORIORETINOPATHY: What is the Evidence?** *Retina (Philadelphia, Pa.)*
  Wood, E. H., Karth, P. A., Sanislo, S. R., Moshfeghi, D. M., Palanker, D. V.
  2016: -?
- **Barriers to Follow-Up and Strategies to Improve Adherence to Appointments for Care of Chronic Eye Diseases.** *Investigative ophthalmology & visual science*
  Thompson, A. C., Thompson, M. O., Young, D. L., Lin, R. C., Sanislo, S. R., Moshfeghi, D. M., Singh, K.
  2015; 56 (8): 4324-4331
- **Ocular toxoplasmosis in the United States: recent and remote infections.** *Clinical infectious diseases*
  Jones, J. L., Bonetti, V., Holland, G. N., Press, C., Sanislo, S. R., Khurana, R. N., Montoya, J. G.
  2015; 60 (2): 271-273
- **Prefoveal vitreous condensation in chronic inflammation.** *Ophthalmic surgery, lasers & imaging retina*
  Paulus, Y. M., Wong, I. G., Sanislo, S., Moshfeghi, D. M.

2014; 45 (5): 447-450

- **Prefoveal Vitreous Condensation in Chronic Inflammation** *OPHTHALMIC SURGERY LASERS & IMAGING RETINA*
  Paulus, Y. M., Wong, I. G., Sanislo, S., Moshfeghi, D. M.
  2014; 45 (5): 447-450

- **16 and 24 Gy low-voltage X-ray irradiation with ranibizumab therapy for neovascular age-related macular degeneration: 12-month outcomes.** *American journal of ophthalmology*
  Morales-Canton, V., Quiroz-Mercado, H., Velez-Montoya, R., Zavala-Ayala, A., Moshfeghi, A. A., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
  2013; 155 (6): 1000-1008 e2

- **16 and 24 Gy Low-voltage X-ray Irradiation With Ranibizumab Therapy for Neovascular Age-Related Macular Degeneration: 12-Month Outcomes.** *American journal of ophthalmology*
  Morales-Canton, V., Quiroz-Mercado, H., Velez-Montoya, R., Zavala-Ayala, A., Moshfeghi, A. A., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
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- **Herpes simplex virus type 2 mediated acute retinal necrosis in a pediatric population: case series and review** *GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY*
  Silva, R. A., Berrocal, A. M., Moshfeghi, D. M., Blumenkranz, M. S., Sanislo, S., Davis, J. L.
  2013; 251 (2): 559-566

- **16 Gy low-voltage x-ray irradiation followed by as needed ranibizumab therapy for age-related macular degeneration: 12 month outcomes of a 'radiation-first' strategy** *BRITISH JOURNAL OF OPHTHALMOLOGY*
  Moshfeghi, A. A., Morales-Canton, V., Quiroz-Mercado, H., Velez-Montoya, R., Zavala-Ayala, A., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
  2012; 96 (10): 1320-1324

- **Macular infarction following intravitreal bevacizumab for treatment of central retinal vein occlusion.** *Ophthalmic surgery, lasers & imaging : the official journal of the International Society for Imaging in the Eye*
  Leung, L. B., Silva, R. A., Blumenkranz, M. S., Flynn, H. W., Sanislo, S. R.
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- **24-Gy Low-Voltage X-Ray Irradiation With Ranibizumab Therapy for Neovascular AMD: 6-Month Safety and Functional Outcomes** *OPHTHALMIC SURGERY LASERS & IMAGING*
  Morales Canton, V., Quiroz-Mercado, H., Velez-Montoya, R., Lopez-Miranda, M. J., Moshfeghi, A. A., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
  2012; 43 (1): 20-24

- **16-Gy Low-Voltage X-ray Irradiation Followed by As-Needed Ranibizumab Therapy for AMD: 6-Month Outcomes of a "Radiation-First" Strategy** *OPHTHALMIC SURGERY LASERS & IMAGING*
  Moshfeghi, A. A., Canton, V. M., Quiroz-Mercado, H., Velez-Montoya, R., Lopez-Miranda, M. J., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
  2011; 42 (6): 460-467

- **16-Gy Low-Voltage X-ray Irradiation With Ranibizumab Therapy for AMD: 6-Month Safety and Functional Outcomes** *OPHTHALMIC SURGERY LASERS & IMAGING*
  Canton, V. M., Quiroz-Mercado, H., Velez-Montoya, R., Lopez-Miranda, M. J., Moshfeghi, A. A., Shusterman, E. M., Kaiser, P. K., Sanislo, S. R., Gertner, M., Moshfeghi, D. M.
  2011; 42 (6): 468-473

- **Photodynamic therapy rescue for subretinal fluid exacerbation after focal laser treatment in idiopathic central serous chorioretinopathy.** *The open ophthalmology journal*
  Leng, T., Sanislo, S. R., Jack, R. L.
  2011; 5: 6-9

- **Antibiotic Susceptibility Patterns of Ocular Bacterial Flora in Patients Undergoing Intravitreal Injections** *OPHTHALMOLOGY*
  Moss, J. M., Sanislo, S. R., Ta, C. N.
  2010; 117 (11): 2141-2145

- **An extensive case of acute posterior multifocal placoid pigment epitheliopathy.** *Retinal cases & brief reports*

Chan, A., Blumenkranz, M. S., Sanislo, S. R.
2010; 4 (4): 336-338

- **Intravitreous Dexamethasone Effects on Different Patterns of Diabetic Macular Edema** *ARCHIVES OF OPHTHALMOLOGY*
  Kuppermann, B. D., Chou, C., Weinberg, D. V., Whitcup, S. M., Haller, J. A., Blumenkranz, M. S.
  2010; 128 (5): 642-643

- **Randomized Controlled Trial of an Intravitreous Dexamethasone Drug Delivery System in Patients With Diabetic Macular Edema** *ARCHIVES OF OPHTHALMOLOGY*
  Haller, J. A., Kuppermann, B. D., Blumenkranz, M. S., Williams, G. A., Weinberg, D. V., Chou, C., Whitcup, S. M.
  2010; 128 (3): 289-296

- **Photodynamic Therapy With and Without Adjunctive Intravitreal Triamcinolone Acetonide: A Retrospective Comparative Study** *OPHTHALMIC SURGERY LASERS & IMAGING*
  Chan, A., Blumenkranz, M. S., Wu, K. H., Wang, G., Berker, N., Parast, L. M., Sanislo, S. R.
  2009; 40 (6): 561-569

- **A Prospective Randomized Evaluation of Topical Gatifloxacin on Conjunctival Flora in Patients Undergoing Intravitreal Injections** *OPHTHALMOLOGY*
  Moss, J. M., Sanislo, S. R., Ta, C. N.
  2009; 116 (8): 1498-1501

- **Dexamethasone Posterior-Segment Drug Delivery System in the Treatment of Macular Edema Resulting from Uveitis or Irvine-Gass Syndrome** *AMERICAN JOURNAL OF OPHTHALMOLOGY*
  Williams, G. A., Haller, J. A., Kuppermann, B. D., Blumenkranz, M. S., Weinberg, D. V., Chou, C., Whitcup, S. M.
  2009; 147 (6): 1048-1054

- **TRIAMCINOLONE ACETONIDE PREPARATIONS Impact of Crystal Size on In Vitro Behavior** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
  Moshfeghi, A. A., Nugent, A. K., Nomoto, H., Sanislo, S. R., Kitchens, J. W., Moshfeghi, D. M.
  2009; 29 (5): 689-698

- **Surveillance for potential adverse events associated with the use of intravitreal bevacizumab for retinal and choroidal vascular disease** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
  Wong, L. J., Desai, R. U., Jain, A., Feliciano, D., Moshfeghi, D. M., Sanislo, S. R., Blumenkranz, M. S.
  2008; 28 (8): 1151-1158

- **Bacterial contamination of ocular surface and needles in patients undergoing intravitreal injections** *109th Annual Meeting of the American-Academy-of-Ophthalmology*
  De Caro, J. J., Ta, C. N., Ho, H. V., Cabael, L., Hu, N., Sanislo, S. R., Blumenkranz, M. S., Moshfeghi, D. M., Jack, R., de Kaspar, H. M.
  LIPPINCOTT WILLIAMS & WILKINS.2008: 877–83

- **Perspective: Tissue engineering for RPE transplantation in AMD** *SPEKTRUM DER AUGENHEILKUNDE*
  Stanzel, B. V., Englander, M., Strick, D. J., Sanislo, S. S., Huie, P., Blumenkranz, M. S., Binder, S., Marmor, M. F.
  2007; 21 (4): 212-217

- **Retinal pigment epithelium tears after intravitreal injection of bevacizumab (Avastin) for neovascular age-related macular degeneration** *RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES*
  Ronan, S. M., Yoganathan, P., Chien, F. Y., Corcostegui, I. A., Blumenkranz, M. S., Deramo, V. A., Elner, S. G., Fastenberg, D. A., Johnson, M. W., Lopez, M., Mateo, C., Moshfeghi, D. M., Navarro, et al
  2007; 27 (5): 535-540

- **Candida (amphotericin-sensitive) lens abscess associated with decreasing arterial blood flow in a very low birth weight preterm infant** *PEDIATRICS*
  Drohan, L., Colby, C. E., Brindle, M. E., Sanislo, S., Ariagno, R. L.
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- **Effects of the pulsed electron avalanche knife on retinal tissue** *ARCHIVES OF OPHTHALMOLOGY*
  Palanker, D. V., Marmor, M. F., Branco, A., Huie, P., MILLER, J. M., Sanislo, S. R., Vankov, A., Blumenkranz, M. S.
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- **Pulsed Electron Avalanche Knife (PEAK) for intraocular surgery** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
  Palanker, D. V., MILLER, J. M., Marmor, M. F., Sanislo, S. R., Huie, P., Blumenkranz, M. S.
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- **Dilute topical proparacaine for pain relief after photorefractive keratectomy** *100th Annual Meeting of the American-Academy-of-Ophthalmology*
  Shahinian, L., Jain, S., Jager, R. D., LIN, D. T., Sanislo, S. S., Miller, J. F.
  LIPPINCOTT-RAVEN PUBL.1997: 1327–32