

## **Jesse M. Smith, MD**

Colorado Retina Associates  
255 S Routh St. Suite 200, Lakewood, CO 80228  
Clinic: 303-261-1600  
retinacolorado.com

### **CURRENT POSITION**

Associate Physician, Colorado Retina Associates  
2026 – present

### **EDUCATION**

2002 – 2006	Undergraduate	Bachelor of Arts Molecular, Cellular, and Developmental Biology Certificate in Neuroscience University of Colorado, Boulder, CO
2007 – 2011	Medical	Doctor of Medicine University of Colorado, Denver, CO

### **POSTDOCTORAL TRAINING**

2011 – 2012	Internship	Internal Medicine Saint Joseph Hospital Denver, CO
2012 – 2015	Residency	Ophthalmology University of Colorado School of Medicine Aurora, CO
2015 – 2017	Fellowship	Vitreoretinal Surgery and Diseases Emory Eye Center Emory University School of Medicine Atlanta, GA

### **ACADEMIC APPOINTMENTS**

2015 – 2017	Clinical Instructor, Emory Eye Center, Emory University School of Medicine, Atlanta, GA
2017 – 2023	Assistant Professor, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO

2023 – 2026 Associate Professor, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO

### **HOSPITAL STAFF APPOINTMENTS**

2015 – 2017 Emory University Hospital, Atlanta, GA  
2015 – 2017 Emory University Midtown Hospital, Atlanta, GA  
2015 – 2017 Grady Memorial Hospital, Atlanta, GA  
2015 – 2017 Veteran’s Affairs Medical Center, Atlanta, GA  
2015 – 2017 Children’s Healthcare of Atlanta, Egleston Hospital, Atlanta, GA  
2017 – 2018 Saint Joseph Hospital, Denver, CO  
2017 – 2026 Children’s Hospital Colorado, Aurora, CO  
2017 – 2026 Denver Health Medical Center, Denver, CO  
2017 – 2026 Denver Veteran’s Affairs Medical Center, Aurora, CO  
2017 – 2026 University of Colorado Hospital, Aurora, CO  
2026 – Saint Joseph Hospital, Denver, CO

### **HONORS AND AWARDS**

2002 National Merit Award Finalist  
2002 – 2006 Dean’s List, University of Colorado, Boulder  
2006 Graduation with High Distinction, University of Colorado, Boulder  
2006 *Phi Beta Kappa*, University of Colorado, Boulder  
2013 – 2015 Excellence on Ophthalmic Knowledge Assessment Program Examination, Department of Ophthalmology, University of Colorado School of Medicine  
2014 Heed Ophthalmic Foundation Resident Retreat, Chicago, IL  
2017 Fellow Teaching Award, Emory Eye Center, Atlanta, GA  
2019 Faculty Teaching Award, Department of Ophthalmology, University of Colorado  
2025 Faculty Teaching Award, Department of Ophthalmology, University of Colorado

### **PROFESSIONAL MEMBERSHIPS**

2007 – 2012 American College of Physicians  
2012 – American Academy of Ophthalmology  
2015 – American Society of Retina Specialists  
2017 – Colorado Society of Eye Physicians and Surgeons  
2026 – The Retina Society

### **COMMITTEE AND INSTITUTIONAL SERVICE**

### **Department of Ophthalmology, University of Colorado**

- 2007 – 2011 Board Member, Alumni Association, University of Colorado School of Medicine, Aurora, CO
- 2012 – 2015 Residency Curriculum Committee, Ophthalmology Residency Program
- 2017 – 2026 Examiner, Mock Oral Boards
- 2017 – 2026 Residency Selection Committee, Ophthalmology Residency Program
- 2017 – 2026 Program Evaluation Committee, Ophthalmology Residency Program
- 2017 – 2026 Clinical Competency Committee, Ophthalmology Residency Program
- 2017 – 2026 Vitreoretinal Surgery Fellowship Selection Committee, University of Colorado School of Medicine, Aurora, CO
- 2018 – 2026 Faculty Lead, Retina Basic Clinical and Science Course, Ophthalmology Residency Program
- 2022 – 2026 Faculty Lead, Retina Course for First Year Residents

### **University of Colorado School of Medicine**

- 2012 – 2015 Housestaff Association, University of Colorado School of Medicine, Aurora, CO

### **Denver Health and Hospital Authority**

- 2017 – 2023 Member, Medical Necessity Committee
- 2018 – 2026 Director, Vitreoretinal Surgery and Diseases
- 2021 Member, Ophthalmology Chief Search Committee

### **Community Service**

- 2017 – 2023 Volunteer faculty, Ophthalmology, DAWN Free Clinic, Aurora, CO

### **University of Colorado – Boulder**

- 2003 – 2006 Ralphie Handler, University of Colorado Football, Boulder, CO

### **Google, Inc**

- 2016 – 2020 Consultant. Worked with internal team and other physicians in testing and validating artificial intelligence for detection and classification of diabetic retinopathy. Mountain View, CA

### **Colorado Society of Eye Physicians and Surgeons**

- 2024 – Member, Board of Directors.

### **State of Colorado Medical Board**

- 2023 – Physician Peer Reviewer

### **University of Colorado Ophthalmology Symposium Meeting**

- 2022 – 2026 Course Director

## **SPECIALTY BOARD CERTIFICATION**

2017 – American Board of Ophthalmology

### **MEDICAL LICENSES**

2011 – 2015 Colorado Physician Training License

2015 – 2019 Georgia Physician License

2017 – Colorado Physician License

### **EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS**

2021 – American Journal of Medicine

2022 – Frontiers in Medicine

### **CLASSROOM INSTRUCTIONAL ACTIVITIES, DIDACTIC TEACHING**

1. Medical and Surgical Retina Conference. Preceptor for a bimonthly educational conference between retina faculty and residents and fellows to discuss challenging and interesting clinical cases. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. 2017 – present.
2. Biology of the Eye. University of Colorado Medical School. November 20, 2019 and December 2, 2019
3. Retinal Detachment and Predisposing Lesions. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. January 3, 2020.
4. Fluorescein Angiography and Retinal Autofluorescence. Basic Science tele-lecture series for residency program during COVID-19 closure. March 31, 2020
5. Retinal Imaging. Basic Science tele-lecture series for residency program during COVID-19 closure. April 7, 2020.
6. Blood in the Eye. Basic Science tele-lecture series for residency program during COVID-19 closure. April 14, 2020.
7. Fundus Photography and Fluorescein Angiography Correlation. Basic Science tele-lecture series for residency program during COVID-19 closure. April 21, 2020.
8. Retinal Vascular Disease. Basic Science tele-lecture series for residency program during COVID-19 closure. April 21, 2020.

9. Scleral Depression and Indirect Ophthalmoscopy. Interactive lecture with incoming first-year ophthalmology residents. Department of Ophthalmology, University of Colorado SOM, Aurora CO. July 31, 2020.
10. Retinal anatomy and retinal imaging. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. August 29, 2020.
11. Retinal Dystrophies and Degenerations. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. August 29, 2020.
12. Biology of the Eye. University of Colorado Medical School. November 2, 2020 and November 4, 2020
13. Posterior Segment Trauma. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. January 29, 2021.
14. Lasers in Vitreoretinal Surgery and Disease. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. April 2, 2021.
15. Scleral Depression and Indirect Ophthalmoscopy. Interactive lecture with incoming first-year ophthalmology residents. Department of Ophthalmology, University of Colorado SOM, Aurora CO. July 23, 2021.
16. Biology of the Eye. University of Colorado Medical School. November 1, 2021 and November 3, 2021
17. Retinal anatomy and retinal imaging. Basic and Clinical Science Course, Department of Ophthalmology, University of Colorado SOM, Aurora CO. July 15, 2022.

## **LECTURES (invited)**

### **Local/Regional**

1. **Smith, JM.** *Asian Confusion: A Diagnostic Puzzle.* Regional meeting of American College of Physicians. Aurora, CO (May 2012).
2. **Smith JM,** Seltz B, Bratton EM, Durairaj VD. *The Use of Antibiotics in Pediatric Orbital Cellulitis.* 15<sup>th</sup> Annual Ophthalmology Research Day. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. June 16, 2012.
3. **Smith JM,** Pantcheva M. *Intraocular Pressure in the Fellow Eye After Selective Laser Trabeculoplasty.* 16<sup>th</sup> Annual Ophthalmology Research Day. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. June 15, 2013.

4. **Smith JM**, Pfeiffer M, Bratton EM, Davies BD, Hink EM. *Surgical Outcomes in Pediatric Orbital Cellulitis*. 17<sup>th</sup> Annual Ophthalmology Research Day. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. June 14, 2014.
5. **Smith JM**, Palestine AG. The Influence of Needle Gauge and Infection Source in Endophthalmitis. 18<sup>th</sup> Annual Ophthalmology Research Day. Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. June 20, 2015.
6. **Smith JM**, Hubbard GB. *Pediatric Retinal Vascular Hamartomas*. Southeastern Ocular Oncology and Pathology Seminar. Emory Eye Center, Emory University School of Medicine, Atlanta, G. September 25, 2015.
7. **Smith JM**, Hubbard GB. *Choroidal Granulomatous Disease in Children*. Southeastern Vitreoretinal Seminar. Emory Eye Center, Emory University School of Medicine, Atlanta, GA. April 21, 2016.
8. **Smith JM**, Hubbard GB. *Surgical Outcomes in Pediatric Rhegmatogenous Retinal Detachment*. Annual Ophthalmology Research Day. Emory Eye Center, Emory University School of Medicine. June 4, 2016.
9. **Smith JM**, Wells J. *Steroid Response in Choroidal Masses*. Southeastern Ocular Oncology and Pathology Seminar. Emory Eye Center, Emory University School of Medicine, Atlanta, GA. September 30, 2016.
10. **Smith JM**, Hubbard GB. *Surgical Intervention in Optic Disc Pit Maculopathy*. Southeastern Vitreoretinal Seminar. Emory Eye Center, Emory University School of Medicine, Atlanta, GA. April 21, 2017.
11. **Smith JM**, Hendrick AM, Pardue M, Iuvone M. *Dopamine levels in the Vitreous of Diabetic Humans*. Annual Ophthalmology Research Day. Emory Eye Center, Emory University School of Medicine. Atlanta, GA. June 3, 2017.
12. **Smith JM**. *Surgical Intervention in Diabetic Retinopathy: Past, Present, and Future*. 22<sup>nd</sup> Annual Ophthalmology Symposium. Department of Ophthalmology, University of Colorado School of Medicine. September 28, 2018.
13. **Smith JM**. *Retinopathy in Cancer: Novel Drugs and New Frontiers*. Emory Eye Center, Emory University School of Medicine. Atlanta, GA. March 16, 2019.
14. **Smith JM**. *Artificial Intelligence in Retina*. 24<sup>th</sup> Annual Ophthalmology Symposium. Department of Ophthalmology, University of Colorado School of Medicine (September 2020).

15. **Smith JM.** *Retina Case Discussions.* 25<sup>th</sup> Annual Ophthalmology Symposium. Department of Ophthalmology, University of Colorado School of Medicine (September 10, 2021).
16. **Smith JM.** *Inflammation in Diabetic Retinopathy: Concepts and Targets.* Grand Rounds, Department of Ophthalmology, University of Colorado School of Medicine (May 20, 2022).
17. **Smith JM.** *Vitreous Substitutes: Past, Present, and Future.* 26<sup>th</sup> Annual Ophthalmology Symposium. Department of Ophthalmology, University of Colorado School of Medicine (September 16, 2022).

### **National/International**

1. **Smith JM,** Pfeiffer M, Bratton EM, Davies BD, Hink EM. *Surgical Outcomes in Pediatric Orbital Cellulitis.* Annual Meeting of the American Society of Ophthalmic, Plastic and Reconstructive Surgery. Chicago, IL. October 2014.
2. Frank GS, Davies BW, **Smith JM,** Hink EM, Durairaj VD. *Ophthalmic Manifestations and Outcomes of Cavernous Sinus Thrombosis in Children.* Annual Meeting of the American Society of Ophthalmic, Plastic and Reconstructive Surgery. Chicago, IL. October 2014.
3. Davies BW, **Smith JM,** Hink EM, Durairaj VD. *C-reactive Protein as a Marker for Starting Steroids in Children with Orbital Cellulitis.* Annual Meeting of the American Society of Ophthalmic, Plastic and Reconstructive Surgery. Chicago, IL. October 2014.
4. **Smith JM,** Mandava N, Mandava N, Tirado-Gonzalez V, Geiger M, Patnaik J, Frazer-Abel A, Lynch A, Wagner B, Sánchez-Santos I, Meizner D, Quiroz-Mercado H, Palestine AG, Holers M. *Complement Levels in the Plasma and Vitreous of Humans with Proliferative Diabetic Retinopathy.* European Meeting on Complement in Human Disease. Madrid, Spain. September 15, 2019.
5. **Smith JM,** Palestine AG, Mandava N. *Complement Activation in the Aqueous of Patients with Proliferative Diabetic Retinopathy.* The Retina Society Annual Meeting. Chicago, IL. September 29, 2021.
6. **Smith JM.** *Vitreoretinal Surgery at Altitude.* Southeastern Vitreoretinal Seminar. Emory University. Atlanta, GA. May 31, 2025.
7. **Smith JM.** *Virtual Reality-based Visual Field Testing versus Microperimetry in Geographic Atrophy.* The Retina Society Annual Meeting. Chicago, IL. September 12, 2025.

## CLINICAL FELLOWS

2017 – 2018 Eric Feinstein MD (Central Florida Retina, Orlando, FL)  
2017 – 2019 Joel Chasan, MD (Retina Vitreous Associates, Chicago, IL)  
2017 – 2019 Marisa Lau, MD (New Jersey Retina, Trenton, NJ)  
2018 – 2020 Matthew Powers, MD (North Bay Vitreoretinal Consultants, Santa Rosa, CA)  
2019 – 2021 Rachel Chen, MD (Retina Group of Washington, Washington, DC)  
2019 – 2021 Michael Huvard, MD (Faculty, University of Michigan, Ann Arbor, MI)  
2020 – 2022 Talisa Forest, MD (Faculty, University of Colorado, Aurora, CO)  
2021 – 2023 William Gange, MD (Eye Center of Northern Colorado, Fort Collins, CO)  
2021 – 2023 Maryam Ghiassi, MD (Retinal Consultants Medical Group, Sacramento, CA)  
2022 – 2024 Saagar Patel, MD (Austin Retina Associates, Austin, TX)  
2023 – 2025 Jennifer Lopez, MD (Faculty, University of Colorado, Aurora, CO)  
2023 – 2025 Zafar Gill, MD (Retina and Vitreous Center, Ashland, OR)  
2024 – 2026 Hongan Hannah Chen, MD (Fellow in Ocular Oncology at Cleveland Clinic)  
2024 – 2026 Sean Rodriguez, MD (Retina Consultants of Texas, San Antonio, TX)  
2025 – 2026 Yaqoob Qaseem, MD  
2024 – 2026 Abraham Hang, MD

## RESEARCH INTERESTS

Medical and Surgical Treatment of Diabetic Retinopathy  
Clinical Trials in Macular Degeneration and Diabetic Retinopathy

## RESEARCH SUPPORT

1. Genentech. Smith (PI), “A Study to Evaluate the Safety, Tolerability, Pharmacokinetics, and Efficacy of RO7446603 Administered Alone or in Combination With Aflibercept or Faricimab in Participants With Diabetic Macular Edema (THAMES)”, Principal Investigator, 2025 – 2026.
2. Genentech. Smith (PI), “Evaluation of Patients with Geographic Atrophy Using a Virtual Reality Headset”, Principal Investigator, 2023 – 2025.
3. Genentech. Manoharan (PI), “A RANDOMIZED, DOUBLE-MASKED, SHAM-CONTROLLED STUDY TO EVALUATE THE EFFICACY OF PERI-OPERATIVE FARICIMAB IN PATIENTS WITH NON-CLEARING VITREOUS HEMORRHAGE SECONDARY TO PROLIFERATIVE DIABETIC RETINOPATHY”, Co-Investigator, 2023 – 2026.
4. Iveric Bio, ISEE2008 (GATHER2). Manoharan (PI), “AN OPEN-LABEL EXTENSION (OLE) PHASE 3 TRIAL TO ASSESS THE SAFETY OF INTRAVITREAL ADMINISTRATION OF AVACINCAPTAD PEGOL (COMPLEMENT C5 INHIBITOR) IN PATIENTS WITH GEOGRAPHIC ATROPHY WHO PREVIOUSLY COMPLETED PHASE 3 STUDY. Co-investigator, 2022 – 2024.

5. Iveric Bio, Sponsor Protocol No. ISEE2008. Manoharan (PI), “A PHASE 3 MULTICENTER, RANDOMIZED, DOUBLE-MASKED, SHAMCONTROLLED CLINICAL TRIAL TO ASSESS THE SAFETY AND EFFICACY OF INTRAVITREAL ADMINISTRATION OF ZIMURA™ (COMPLEMENT C5 INHIBITOR) IN PATIENTS WITH GEOGRAPHIC ATROPHY SECONDARY TO DRY AGE-RELATED MACULAR DEGENERATION, Co-Investigator, 2020 – 2022.
6. 4DMT, Sponsor Protocol No. 4D-125-C001. Mathias (PI). “An Open-label, Phase 1/2 Trial of Gene Therapy 4D-125 in Males with X-linked Retinitis Pigmentosa (XLRP) Caused by Mutations in the RPGR Gene”, Co-Investigator, 2020 – 2022.
7. Alkeus Pharmaceuticals, Sponsor Protocol No. ALK001-PI002 , Mathias (PI). “Phase 2 Tolerability and Effects of ALK-001 on Stargardt Disease (TEASE 2). Co-Investigator, 2019 – 2020.
8. Hoffman-Laroche Ltd, Sponsor Protocol No. GR40398, Oliver (PI). “A Phase III, Multicenter, Randomized, Double-Masked, Active Comparator-Controlled Study to Evaluate the Efficacy and Safety of RO6867461 in Patients with Diabetic Macular Edema (RHINE. Co-Investigator, 2018 – 2020.

#### **Other Clinical Research (unfunded)**

1. **University of Colorado School of Medicine, Department of Ophthalmology, 19-1345.**  
Mandava (PI): “Analysis of Clinical Features in Retinal Disease”, Co- Investigator, 2017-2022
2. **University of Colorado School of Medicine, Department of Ophthalmology, 18-1202.**  
Mandava (PI): “The Role of the Complement System in Patients with Diabetic Retinopathy”, Co-Investigator, 2017-2022
3. **University of Colorado School of Medicine, Department of Ophthalmology, 14-0600.**  
Smith (PI): “Small -Gauge Vitreous Tap in Endophthalmitis”, Principal Investigator, 2014-2015.

#### **PUBLICATIONS**

1. Seltz LB, **Smith JM**, Durairaj VD, Enzenauer, R, Todd, J. Microbiology and Antibiotic Management of Orbital Cellulitis. *Pediatrics*. 2011; 127:e566.
2. **Smith JM**, Bratton EM, DeWitt P, Davies BD, Hink EM, Durairaj VD. Predicting the Need for Surgical Intervention in Pediatric Orbital Cellulitis. *American Journal of Ophthalmology*. 2014 Aug; 158(2):387-394.e1
3. Davies BW, **Smith JM**, Hink EM, Durairaj VD. C-reactive Protein as a Marker for Initiating Steroid Treatment in Children with Orbital Cellulitis. *Ophthalmic Plastic & Reconstructive Surgery*. 2014 Nov 12.

4. **Smith JM**, Bratton EM, Davies BW, Hink EM, Durairaj VD. Reply. *American Journal of Ophthalmology*. 2014 Nov;158(5):1099-100.
5. Davies BW, **Smith JM**, Hink EM, Durairaj VD. C-reactive Protein as a Marker for Initiating Steroid Treatment In Children with Orbital Cellulitis. *Ophthalmic Plastic and Reconstructive Surgery*. 2014 Nov 12.
6. Davies BW, **Smith JM**, Hink EM, Durairaj VD. Increased Incidence of Rhino-Orbital-Cerebral Mucormycosis after Colorado Flooding. *Ophthalmic, Plastic, and Reconstructive Surgery*. 2015 Mar 18.
7. Salcedo-Villanueva G, Paciuc-Beja M, Villanueva-Mendoza C, Harasawa M, **Smith JM**, Velez-Montoya R, Olson JL, Oliver SC, Mandava N, Quiroz-Mercado H. Progression of Gyrate Atrophy Measured with Ultra-Wide-Field Imaging. *International Ophthalmology*. 2015 May 26.
8. Frank GS, **Smith JM**, Davies BW, Mirsky DM, Hink EM, Durairaj VD. Ophthalmic Manifestations and Outcomes After Cavernous Sinus Thrombosis in Children. *Journal of the American Association of Pediatric Ophthalmology and Strabismus*. 2015 Aug;19(4):358-62.
9. **Smith JM**, Mathias MT, Oliver SC, Mandava N, Olson JL, Quiroz-Mercado H, Palestine AG. The Influence of Needle Gauge and Infection Source on Vitreous Aspirate Cultures. *British Journal of Ophthalmology*. 2015 Aug 12.
10. **Smith JM**, Hwang RY, Erlanger M, Olson JL. A New Multifunctional Expandable Memory Loop Device. *Retina*. 2015 Oct;35(10):2154-7.
11. **Smith JM**, Erlanger M, Olson JL. An Injectable Suture Device for Intraocular Lens Fixation. *Journal of Cataract & Refractive Surgery*. Volume 41, Issue 12, 2609 – 2613.
12. **Smith JM**, Hwang RY, Siringo F, Quiroz-Mercado H, Oliver SCN, Mandava N, Mathias MT, Olson JL. Concurrent Endophthalmitis and Anterior Segment Ischemia After Strabismus Surgery. *Retinal Cases & Brief Reports*. Feb 2015.
13. Larochelle MB, **Smith JM**, Dacey MS. Dexamethasone Intravitreal Implant in the Treatment of Uveitic Macular Edema in the Peri-operative Cataract Setting: A Case Series. *American Journal of Ophthalmology*. 2016 Jun;166:149-153.
14. **Smith JM**, Olson JL, Gelston CD. Antimony Intraocular Foreign Body with an Intact Electroretinogram. *Ophthalmology*. 2016 Oct; 123(10):2224.

15. Williams PJ, Pearce WA, **Smith JM**, Robinson J. Profound Visual Recovery at 16 Months After Resolution of Serous Retinal Detachments Secondary to Thrombotic Thrombocytopenic Purpura: Case Report and Literature Review. *Retinal Cases & Brief Reports*. 2018 Feb 22.
16. **Smith JM**, Ward LT, Townsend JH, Yan J, Hendrick AM, Cribbs BE, Yeh S, Jain N, Hubbard GB III. Rhegmatogenous Retinal Detachment In Children: Clinical Factors Predictive Of Successful Surgical Repair. *Ophthalmology*. 2018 Nov 9. pii: S0161-6420(18)30087-3.
17. Sayres R, Taly A, Rahimi E, Blumer K, Coz D, Hammel N, Krause J, Narayanaswamy A, Rastegar Z, Wu D, Xu S, Barb S, Joseph A, Shumski M, **Smith JM**, Sood AB, Corrado GS, Peng L, Webster DR. Using a Deep Learning Algorithm and Integrated Gradients Explanation to Assist Grading for Diabetic Retinopathy. *Ophthalmology*. 2019 Apr;126(4):552-564.
18. **Smith JM**. Subretinal Titanium Screw. *Ophthalmology*. 2020 Mar;127(3):332.
19. Geiger M, **Smith JM**, Lynch A, Patnaik JL, Oliver SCN, Dixon JA, Mandava N, Palestine AG; University of Colorado Retina Research Group. Predictors for recovery of macular function after surgery for primary macula-off rhegmatogenous retinal detachment. *International Ophthalmology*. 2020 Mar;40(3):609-616
20. Hendrick A, **Smith JM**, Stelton C, Barb S, Yan J, Cribbs B, Jain N, Yeh S, Hubbard GB, He L, Dhakal S, Iuvone PM. Dopamine metabolite levels in the vitreous of diabetic and non-diabetic humans. *Experimental Eye Research*. 2020 Jun;195:108040
21. Siegel DT, Hubbard GB, Yan J, Cribbs B, Jain N, Yeh S, Bui D, **Smith J**, Barb S, Pearce W, Ward L, Hendrick AM. Effect of lubricants on corneal thickness after vitrectomy. *Retina*. 2020 Aug;40(8):1616-1622.
22. Mandava N, Tirado-Gonzalez V, Geiger MD, Patnaik JL, Frazer-Abel A, Lynch AM, Mandava N, Palestine AG, Holers VM, Wagner BD, Sanchez-Santos I, Meizner D, Quiroz-Mercado H, **Smith JM**. Complement Activation in the Vitreous of Patients With Proliferative Diabetic Retinopathy. *Investigations in Ophthalmology and Visual Science*. 2020 Sep 1;61(11):39.
23. Neves da Silva HV, Mackin A, **Smith JM**, Ahmad M. Endophthalmitis Caused by *Abiotrophia Defectiva* after Anterior Vitrectomy in a Child. *Ocular Immunology and Inflammation*. 2020 Oct 6:1-2.
24. Ifantides C, Christopher KL, Deitz GA, **Smith JM**, Patnaik J, SooHoo JR, Subramanian PS. Ophthalmic Injuries by Less-Lethal Kinetic Weapons During the US George Floyd Protests in Spring 2020. *JAMA Ophthalmology*. Published online December 03, 2020.

25. Williams ER, **Smith JM**, Huvad M, Ifantides C. Fibrotic cataract as a sign of posterior capsule violation post vitrectomy. *American Journal of Ophthalmology Case Reports*. 2021 Jun 30;23
26. Palestine AG, Wagner BD, Patnaik JL, Baldermann R, Mathias MT, Mandava N, Lynch AM for **University of Colorado Retina Research Group**. Plasma C-C Chemokine Concentrations in Intermediate Age-Related Macular Degeneration. *Frontiers in Medicine*. 2021 Nov 18;8:710595.
27. Fonteh CN, Palestine AG, Wagner BD, Patnaik JL, Mathias MT, Mandava N, Baldermann R, Lynch AM; **University of Colorado Retina Research Group**. Sex Differences in RANTES (CCL5) in Patients With Intermediate Age-Related Macular Degeneration (AMD) and Controls With no AMD. *Transl Vis Sci Technol*. 2022 Feb 1;11(2):12.
28. Gelinis N, Lynch AM, Mathias MT, Palestine AG, Mandava N, Christopher KL, Patnaik JL; **University of Colorado Retina Research Group**. Gender as an effect modifier in the relationship between hypertension and reticular pseudodrusen in patients with early or intermediate age-related macular degeneration. *International Journal of Ophthalmology*. 2022 Mar 18;15(3):461-465
29. **Smith JM**, Mandava N, Tirado-Gonzalez V, Garcia-Santisteban R, Geiger MD, Patnaik JL, Frazer-Abel A, Lynch AM, Mandava N, Holers VM, Wagner BD, Sanchez-Santos I, Meizner D, Quiroz-Mercado H, Palestine AG. Correlation of Complement Activation in Aqueous and Vitreous in Patients with Proliferative Diabetic Retinopathy. *Translational Vision Science and Technology*. 2022 Apr 1;11(4):13
30. Marin AI, Poppelaars F, Wagner BD, Palestine AG, Patnaik JL, Holers VM, Frazer-Abel AA, Mathias MT, Manoharan N, Fonteh CN, Mandava N, Lynch AM; **University of Colorado Retina Research Group**. Sex and Age-Related Differences in Complement Factors Among Patients With Intermediate Age-Related Macular Degeneration. *Transl Vis Sci Technol*. 2022 May 2;11(5):22.
31. Petrash CC, Palestine AG, **Smith J**, Davidson R, Pantcheva MB. Iris Retraction Without Hypotony. *Ophthalmology and Therapy*. 2022 Jun;11(3):1273-1279.
32. Fonteh CN, Mathias MT, Mandava N, Manoharan N, Lynch AM, Navo R, Patnaik JL; **University of Colorado Retina Research Group**. Mental health and visual acuity in patients with age-related macular degeneration. *BMC Ophthalmol*. 2022 Oct 2;22(1):391
33. Larochelle RD, Patnaik JL, Lynch AM, Mandava N, Hanson K; University of Colorado Retina Research Group; **University of Colorado Retina Research Group**. Low Vision Referral Patterns in Intermediate Age-Related Macular Degeneration. *Curr Eye Res*. 2022 Dec;47(12):1641-1645.

34. Fonteh CN, Palestine AG, Wagner BD, Patnaik JL, Mathias MT, Manoharan N, Mandava N, Baldermann R, De Carlo T, Lynch AM; **University of Colorado Retina Research Group**. RANTES (CCL5) in Patients With Geographic Atrophy Age-Related Macular Degeneration. *Transl Vis Sci Technol*. 2023 Jan 3;12(1):19.
35. Milner DC, Le C, Marin AI, **Smith JM**, Manoharan N. Outcomes of chronic macula-off retinal detachment repair. *Graefes Arch Clin Exp Ophthalmol*. 2023 Mar;261(3):709-714.
36. Lu VI, Patnaik JL, Scott RA, Lynch AM, Smith JM, Mandava N, Manoharan N. Risk Factors and Outcomes of Delayed Presentation of Diabetic Retinopathy Patients to a County Hospital. *Transl Vis Sci Technol*. 2023 Sep 1;12(9):8.
37. Jester DA, **Smith JM**. Profound improvement in vision and electroretinogram after intensive steroid treatment in unexplained visual loss after silicone oil removal. *Am J Ophthalmol Case Rep*. 2024 Feb 15;36:102023
38. **Smith JM**, Hink E. Subretinal Migration of Titanium Orbital Mesh. *Ophthalmology Retina*. 2024 Mar;8(3):278

#### CHAPTERS (invited)

1. **Smith JM**, Mandava N. *Diabetes Secrets*. 1<sup>st</sup> ed. McDermott M and Trujillo J editors. Amsterdam, Netherlands. Elsevier, Inc; 2021. Chapter 5, Diabetic Retinopathy.

#### ABSTRACTS

1. Ramakrishnan V, **Smith JM**, Chan K. *A Role for Observation in the Treatment of Isolated Diseases of the Pediatric Sphenoid and Clivus*. Rhinology World Meeting. Philadelphia, PA (April 15, 2009).
2. Pacioc M, Salcedo G, **Smith JM** et al. *Measurement of Progression of Gyrate Atrophy Using Ultra-Wide Field Fundus Photography*. Annual meeting of Association for Research in Vision and Ophthalmology. Orlando, FL (May 4, 2014).
3. Frank GS, **Smith JM**, Davies BW, Mirsky D, Hink EM, Durairaj VD. *Ophthalmic Manifestations and Outcomes of Cavernous Sinus Thrombosis in Children*. American Society of Ophthalmic, Plastic and Reconstructive Surgery Fall Scientific Symposium. Chicago, IL (October 14, 2014).
4. Davies BW, **Smith JM**, Hink EM, Durairaj VD. *C-reactive Protein as a Marker for Initiating Steroid Treatment In Children with Orbital Cellulitis*. American Society of Ophthalmic, Plastic and Reconstructive Surgery Fall Scientific Symposium. Chicago, IL (October 14, 2014).

5. **Smith JM**, Pfeiffer ML, Bratton EM, Davies BW, Hink EM, Durairaj VD. Surgical Outcomes in Pediatric Orbital Cellulitis. American Society of Ophthalmic, Plastic and Reconstructive Surgery Fall Scientific Symposium. Chicago, IL (October 14, 2014).
6. *The Influence of Needle Gauge and Infection Source on Vitreous Aspirate Cultures*. Annual Meeting of the Association for Research in Vision and Ophthalmology, Denver, CO (May 2015).
7. Davidson RS, **Smith JM**, Taravella M. *Visual Outcomes and In Vivo Measurement of Graft Thickness in Ultrathin DSAEK*. Annual Meeting of the Association for Research in Vision and Ophthalmology, Denver, CO (May 2015).
8. Bucci M, Dacey M, **Smith JM**. *Dexamethasone Intravitreal Implant in the Treatment of Recurrent Uveitic Macular Edema in the Post-Operative Cataract Setting: A Case Series*. Annual Meeting of the Association for Research in Vision and Ophthalmology, Denver, CO (May 2015).
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