

# Nalin J. Mehta, MD

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## Curriculum Vitae

### Professional Mailing address:

Nalin J. Mehta, MD PC.  
The Colorado Retina Center  
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**Specialty:** Ophthalmology, Retina-Vitreous

### EDUCATION

High School: Graduated Scarsdale High School, Scarsdale, NY  
College: BS Biology, minor Philosophy, Union College, Schenectady, NY  
Medical School: the Albany Medical College, NY (6 year BS-MD Accelerated Program)  
Internship in Internal Medicine, the Albany Medical Center, NY Residency in Ophthalmology, the Albany Medical Center, NY  
Fellow, Vitreoretinal Surgery, Louisiana State University Eye Center, New Orleans, LA  
MSc in Biotechnology with Concentrations in Biotechnology Enterprise and Regenerative & Stem Cell Technologies, Johns Hopkins University, Baltimore, MD (anticipated graduation: 2023)

### WORK HISTORY

7/1/1993-Present: President and CEO, The Colorado Retina Center, CO—Vitreoretinal Specialist.

### HONORS/ AWARDS/RECOGNITIONS

Harold A. Larrabee Prize in Philosophy  
Graduated magna cum laude, Union College  
Elected to Phi Beta Kappa  
The Sandoz Award in Ophthalmology:  
Troy Lions Club Certificate of Appreciation

### ADDITIONAL PROFESSIONAL INTERESTS

Past Chairman, Department of Ophthalmology, St. Anthony Central Hospital, Denver, CO

### Speaker's Bureau:

Novartis Pharmaceuticals; Zeiss-Humphrey (former); Sightpath (formerly MSS); Optovue (former); Notal Vision (former); Sequenom (former), Regeneron (former)  
Advisory Boards: Novartis Pharmaceuticals, Genentech, Eyetech, Pfizer, Notal Vision; Valiant  
Consultant: Notal Vision (former); Sightpath (formerly MSS); Zeiss-Humphrey (former) ; Optovue, Inc (former); Gerson Lehrman Group; Guidepoint Global; M3 Global research; Reckner Healthcare.

**PROFESSIONAL AFFILIATIONS**

American Academy of Ophthalmology

Association for Research in Vision and Ophthalmology American Society Cataract and Refractive Surgeons/American (past)

Society Ophthalmic Administrators (Past)

Southern Medical Association

Colorado Ophthalmologic Society

Clear Creek Valley Medical Society

Denver Medical Society

American Society for Laser Medicine & Surgery (Past)

ASRS (Vitreous Society)

## **APPOINTMENTS**

Past Chairman, Colorado Commission for Individuals Who Are Blind or Visually Impaired

## **PAST/PRESENT RESEARCH INTERESTS**

FDA coordinator, Expanded Phase III study: "Hydrokinetic Retinal Manipulation Using the Viscous Fluid Perfluorocarbon Vitreon® (Perfluorophenanthrene)", New Orleans, LA

Principal Investigator, Vitreophage Vitreon® Study, Denver, CO

Principal Investigator, Escalon Silicone Oil Study, Denver, CO

Principal Investigator, Novartis VIP (Visudyne®) FDA Study (extended Phase III), Denver, CO

Former President, Eye-Online, LLC

Former Partner/Officer, Home Health Telemed, Inc.

Former Partner/Officer, Western Telemedical Consultants, LLC

Participant: QUEST Registry of Visudyne Therapy for AMD: Lucentis and Triple Therapy Combinations (Study RVT002); Sponsor: QLT Phototherapeutics.

Genentech: Dosing Patterns of Ranibizumab Chart Review

Principal Investigator, Collection of AMD and DME Data for the RTVue-100, Optovue, Inc.

Principal Investigator, Clinical Validation Study for iVue, Optovue Inc.

Principal Investigator, Age-Related Macular Degeneration (AMD) Beta Study – Telemedicine Assessment, Notal Vision, Ltd.

Principal Investigator, Intraoperative Spectral-Domain Optical Coherence Tomography (SD-OCT) in the Management of Retinal Disease

Sub-Investigator, Amgen Protocol 20080560, A Double-blind, Placebo-controlled Study to Evaluate New or Worsening Lens Opacifications in Subjects with Non-Metastatic Prostate Cancer Receiving Denosumab for Bone Loss due to Androgen-Deprivation Therapy

## **AVOCATIONAL INTERESTS**

Member: Colorado Symphony Orchestra Chorus, Denver, CO.

Admissions Committee, University of Colorado Health Sciences Center, CO

Production Crew (past): Mudra Dance Studio, Denver, CO.

Bicycling, Skiing, Hiking, Fencing

## **SELECTED PUBLICATIONS/PRESENTATIONS/ ABSTRACTS**

Mehta NJ, Webb RM, Krohel GB, Smith RB: Clinical inefficacy of tobramycin and gentamicin sulfate in the treatment of ocular infections. *Cornea* 3:228, 1984/85.

Mehta NJ, Karmody AM, McKneally MF: Mediastinal veno-occlusive disease associated with herbal tea ingestion. *New York State Journal of Medicine* 86:11, 1986.

Mehta N, Majerovics A, Tanenbaum H: Laser energy transmission by fundus contact lenses. Poster Presentation, ARVO Annual Meeting, Sarasota, FL, 1986.

Wolf B, Mehta NJ: Naka-Rushton ERG parameters in the prediction of postvitrectomy visual acuity. International Society for Clinical Electrophysiology of Vision.

Mehta NJ, Zloty P, Mitsch M, Simmons ST: Optic nerve head analysis during artificially induced ocular hypertension: a pilot study. Presented at the Albany Ophthalmology Update, 1989.

Mehta NJ, Mitsch M, Zloty P, Cutro JM, Simmons ST, Kandell GL: Optic nerve head compliance during artificially-induced ocular hypertension. Presented at ARVO, 1990.

Simmons ST, Mehta NJ, Mitsch M: Comparison of optic disc image analysis with automated perimetry in the detection of glaucomatous progression. Presented at ARVO, 1990; also presented at the Albany Ophthalmology Update, 1990.

Simon JW, Simmons ST, Mehta NJ: Glaucoma following pediatric lensectomy-vitrectomy. Presented at the AAO meeting, 1990.

Simmons ST, Mehta NJ: Comparison of the image analysis change program with visual field/standard disc parameters. Presented at the AAO meeting, 1990.

Beer PM, Mehta NJ, Ludwig IH: Terson's syndrome in the shaken baby: the importance of early vitrectomy. Presented at the Eighth Annual Vitreous Society Meeting, 1991.

Mehta NJ, Del Vecchio P, Kieval SJ: Photochemical effects of helium neon laser wavelengths upon retinal pigment epithelial cell metabolism. Presented at the Albany Ophthalmology Update, 1991.

Sherwood MB, Simmons ST, Smith MF, Mehta NJ: Comparison of optic disk image analysis with automated perimetry in the detection of glaucomatous progression. Journal of the International Perimetric Society.

Simon JW, Mehta NJ, Simmons ST, Catalano RA, Lininger LL: Glaucoma after pediatric lensectomy/vitrectomy. *Ophthalmology* 98:670, 1991.

Peyman GA, Alturki W, Mehta NJ, et al: Use of Vitreon®: a new perfluorocarbon liquid for complex retinal detachments. Presented at the Annual Scientific Meeting of the Saudi Ophthalmological Society, December 11-13, 1991.

Mehta NJ, Peyman GA, Alturki W A, et al: Multicenter evaluation of perfluoroperhydrophenanthrene in the management of complex vitreoretinal surgery. Presented at American Academy of Ophthalmology, 1992.

Peyman GA, Mehta NJ: Subretinal diathermy probe (letter). *Am J Ophthalmol* 114: 508-509, 1992.

Reilly KM, Chan L, Mehta NJ, Salluzzo RF. Systemic Toxicity from Ocular Homatropine. *Academic Emergency Medicine*, 1996; 3(9): 868-71.

Soheilian M, Peyman GA, Wafapoor H, Navarro GC, Thompson H, The Vitreous Study Group (incl. Mehta NJ). Surgical Management of traumatic retinal detachment with perfluorocarbon liquid. *International Ophthalmology*, 1996; 20(5): 241-249.

Peyman GA, Mehta NJ: Intravitreal infusion-aspiration instrument for silicon oil-perfluorocarbon liquid exchange (Letter). *Retina*. 1993; 13(2): 177.

Millsap CM, Peyman GA, Mehta NJ: A radiologic property of perfluoroperhydrophenanthrene. *Ophthalmic Surg.*

Mehta NJ, Alster Y: Cross-sensitivity analysis among a population of AMD patients monitored with the Preview PHP (Preferential Hyperacuity Perimeter). Poster Presentation; ARVO Annual Meeting, Ft. Lauderdale, FL, 2006

Mehta NJ: Monitoring for the conversion of dry to wet age-related macular degeneration. *AMD Update. Ophthalmology Management*. Issue 6 (Online), 2007.

Mehta NJ: Implications of early diagnosis in AMD (Age-Related Macular Degeneration); Lecture presented at Retina Symposium 2007 in Ft. Meyer, FL and W.A.V.E. (Western Association for Vitreoretinal Education) meeting, Maui, HI, 2007

Mehta NJ: Fourier-Domain OCT: Paradigm shift in the management of AMD; Lecture presented at W.A.V.E. meeting, Maui, HI, 2007

Mehta NJ: Implications of early diagnosis in AMD, and: Fourier-Domain OCT: Paradigm shift in the management of AMD. Lectures presented at OCT Symposium, Natramandir Eye Hospital, Mumbai, India, 2007

Mehta NJ: Implications of Early Diagnosis in AMD; *Video Journal of Ophthalmology*. 2008: XXIV (1).

Mehta NJ: Spectral (Fourier)- Domain OCT: A Paradigm Shift in Management of AMD. *Video Journal of Ophthalmology*. 2008: XXIV (4).

Mehta NJ: Applying SD OCT for Diagnosis and Management of Exudative AMD. *Retina Today*. 2009 (March): 76-77.

Mehta NJ: Evaluation of Choroidal Circulation using Collapsed C-Scan (en face) Imaging derived from Meta-Analysis of 3D Spectral-Domain (Fourier-Domain) OCT utilizing Automated Image Processing in Patients Undergoing Combination Therapy with Verteporfin (Visudyne®) and Ranibizumab (Lucentis®) for Exudative AMD. Poster Presentation; ARVO Annual Meeting, Ft. Lauderdale, FL, 2009.

Mehta NJ: Correlation Between Collapsed C-Scan (en face) Imaging using Spectral-Domain (Fourier-Domain) OCT and Hyperacuity Disturbance Mapping using the Foresee PHPTM (Preferential

Hyperacuity Perimeter) in Patients with Geographic Atrophy Associated with AMD. Paper Presentation; ARVO/ISIE Annual Meeting, Ft. Lauderdale, FL, 2009.

Tolentino MJ, Mehta NJ, Harrell P, Espiritu MJ: Monitoring Anti-VEGF Therapy for Exudative Age-Related Macular Degeneration with the Preferential Hyperacuity Perimeter. Poster Presentation: ARVO Annual Meeting. Ft. Lauderdale, FL, 2009.

Mehta NJ: Differentiation of Sub-RPE Lesion Composition in AMD Using Automated Intensity Plotting of en face Images Derived from SD-OCT. Poster Presentation: AAO Annual Meeting, San Francisco, CA, 2009.

Mehta NJ, Quiroz-Mercado H, Pinero-Rodriguez AM, Jimenez-Sierra JM, Lopez-Ramos L: Evaluation of the Retinal Ganglion Cell Complex with Spectral Domain (Fourier-Domain) OCT in Patients Undergoing Anti-VEGF Therapy with Ranibizumab and Bevacizumab for Exudative Age-Related Macular Degeneration. Poster Presentation; ARVO Annual Meeting. Ft. Lauderdale, FL, 2010.

Goldstein M, Loewenstein A, Lang Y, Katz H, Ferencz JR, Roth DB, Fine HF, Weston JM, Mehta NJ, Johnston R: Stability in Statistical Distribution of Test Scores Obtained by Intermediate AMD Patients Monitored with a Home Device Perimeter. Poster Presentation; ARVO Annual Meeting. Ft. Lauderdale, FL, 2010.

Mehta NJ: Intra-Operative Optical Coherence Tomography (OCT): From the Office to the Operating Room. Presented at Optovue, Inc. Annual Symposia ESRS 2010, Paris and AAO Chicago. IL, 2010.

Mehta, NJ: Presenter: Optical Coherence Tomography Users Group Workshop: AAO annual Meeting, Chicago, IL, 2010.

Mehta NJ: In the Eye of the Beholder: The Psychology of Blindness and Visual Impairment. Lecture Presented at: Creativity and Madness, Big Island, HI, 2010.

Mehta NJ, Stanescu D: A Novel Technique for Intraoperative Spectral Domain OCT During Vitreoretinal Surgery. Video Presentation Accepted for AAO Annual Meeting, Orlando, FL, 2010.

Roth D, Fine H, Weston JM, Mehta N, Johnston R: Early Detection of Exudative Age-related Macular Degeneration with a Home-based Preferential Hyperacuity Perimeter. Paper Presentation: 34th Annual Macula Society Conference, Boca Raton, FL, 2011

Mehta NJ, Stanescu D, Guo C: Quantitative Zonal Analysis of Macular Thickness Changes Pre- versus Post-Membranectomy using Intra-Operative Spectral-Domain Optical Coherence Tomography (SD-OCT). Poster Presentation: ARVO/ISIE Annual Meeting, Ft. Lauderdale, FL, 2011.

Mehta AN, Mehta NJ. Correlation between Spectral-Domain Optical Coherence Tomography (SD-OCT)-Derived Phenotypes and Human Complement Factor H (CFH) Haplotype Frequency in Non-Exudative Age-Related Macular Degeneration (AMD). Poster Presentation: International Society for Imaging in the Eye (ISIE) Annual Meeting, Seattle, WA, 2013.

Mehta NJ, Quiroz-Mercado H, Sinai MJ, Soules KA, Mehta AN, Schwartz S. Ranibizumab and bevacizumab decrease macular ganglion cell complex (GCC) thickness measured with fourier-domain optical coherence tomography in age-related macular degeneration (AMD). Poster Presentation: Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Seattle, WA, 2013.

