

CURRICULUM VITAE
SHACHAR TAUBER, M.D.

OFFICE ADDRESS

<u>St. John's Clinic – Eye Specialists</u> 1229 E. Seminole, Suite 430 Springfield, MO 65804 (417) 820-9393	<u>St. John's Medical Research Institute Inc.</u> 3231 S. National Avenue, Suite 460 Springfield, MO 65807 (417) 841-0250 Email: Shachar.Tauber@mercy.net
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EDUCATION

Bronx High School of Science, Bronx, NY	1979
A.B., Biology - Washington University, St. Louis, MO	1983
M.D., Tulane School of Medicine, New Orleans, LA	1988

INTERNSHIP

Wilson Hospital - United Hospital Service, Johnson City, NY	1989
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RESIDENCY

Tulane University School of Medicine, Department of Ophthalmology	1992
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FELLOWSHIPS

Emergency Ophthalmology and Eye trauma, Ophthalmic Associates, Anchorage, AK	1992
Advanced Keratorefractive Surgery St. George Corrective Vision Center, Chicago, IL	1995
Refractive Surgery - Enrique Suarez, M.D. Centro De Medico de la Trinidad	1998
Cornea and External Diseases – Observational Fellowship Dimitri Azar, M.D. Massachusetts Eye and Ear Infirmary	2000
DSAEK (Descemets Stripping Automated Endothelial Keratoplasty) Dr. Mark Terry	2004
DSEK (Descemets Stripping Endothelial Keratoplasty) Dr. Frank Price	2006

LICENSES

Louisiana, Alaska, Illinois, Connecticut, Missouri

HONORS AND AWARDS

Kappa Sigma Leadership and Scholarship Award	1982
George Kassenbaum memorial Award	1983
Outstanding Service to Washington University	1983
Kappa Sigma Man of the Year	1983
Edmundson Scholarship	1985
James H. Allen Award Excellence in Ophthalmology	1988
Summit Autonomous 1000 Plus	2000
Course Director Award	2002
Excellence in LASIK 5 Years	
Qualified and listed at Trusted LASIK Surgeons , a LASIK Directory Service that screens surgeons based on Experience, Premier Patient Care, and Professional Credentials	2008

CERTIFICATION

FLEX	1988
American Board of Ophthalmology	1995
Photorefractive and Phototherapeutic Keratectomy Summit Laser Technology	1996
Photorefractive and Phototherapeutic Keratectomy VISX	1997
Photorefractive Keratectomy for Myopic Astigmatism	1998
LASIK for Myopia and Myopic Astigmatism	1999
Photorefractive Keratectomy for Hyperopia Summit Technology	1999
Microkeratome Certification for LASIK MORIA LSK	1997
MORIA Carriazu - Barraquer	1998
SKBM	1999
Autonomous Ladarvision LASIK/PRK Myopia/Myopic astigmatism/Hyperopia/Hyperopic astigmatism	2000
Allegretto Wave Laser System	2006

APPOINTMENTS

Associate Ophthalmologist - Ophthalmology LTD, Skokie IL	1992-1996
Attending Physician - Thorek Hospital, Chicago, IL	1992-1996
Attending Physician - St. Joseph's Hospital, Chicago IL	1992-1996
Attending Physician - Rush/St. Luke's, Skokie, IL	1992-1996
Attending Physician - Grant Hospital, Chicago, IL	1992-1996
Associate Ophthalmologist - Temple Eye Physicians PC	1996-2000
Attending Physician - Yale-New Haven Hospital	1996
Attending Physician - Temple Medical Center Outpatient Surgical Center	1996
Attending Physician - Hospital of Saint Raphael	1996
Attending Physician - West Haven Veterans Administration Medical Center (residency teaching)	1996
Assistant Clinical Professor - Yale University Department of Ophthalmology and Visual Science	1997-2000
Associate Fellow Morse College	1997
Director, Section of Refractive Surgery - Yale University Department of Ophthalmology and Visual Science	1997
Medical Director - Yale-New Haven Eye Laser Center	1997
Assistant Professor - Yale University Department of Ophthalmology and Visual Science	
Director of Cornea and Refractive Surgery	2000
Billing Compliance Officer	2001
Education Policy and Curriculum Committee Yale University School of Medicine	
Teaching Faculty Leader – Assessment of Clinical Curriculum	2002
St. John’s Health System	2004
St. John’s Medical Research	2004
St. John’s Clinic, Eye Specialists	2004
Director of Ophthalmology Research	2004

MEMBERSHIPS

Microkeratome LASIK Study Group
Pharmacy and Therapeutics Committee - Thorek Hospital
American Medical Association
American Academy of Ophthalmology - Fellow
New Orleans Academy of Ophthalmology
American Society of Cataract and Refractive Surgery
International Society of Refractive Surgery Communications Committee Member
Keratomileusis Study Group
International Ocular Surface Society
Member Editorial Advisory Board: Cataract and Refractive Surgery Today
Member Board of Directors: Unite for Sight
AAO Self Assessment Committee

RESEARCH INTERESTS

Surgical techniques in lamellar surgery
Post-Operative Management of the Refractive Patient
Charter Member - LASIK Study Group
Techniques to Reduce Astigmatism During Corneal Transplantation
Deep Lamellar Keratoplasty
Telemedicine and Telementoring for Ophthalmic Surgery
under direction of James “Butch” Rosser, M.D.

RESEARCH PROTOCOLS

“RPS HSV 2 Detector Study Protocol”, Principal Investigator
“RPS IgE Detector Study Protocol”, Principal Investigator
“RPS Adeno Detector II Study Protocol”, Principal Investigator
St. John’s Clinic – Eye Specialists, “A Phase 3 Study of the Efficacy and Safety of Cyclosporine Ophthalmic Solution, 0.1% (ST-603) Compared to Vehicle in Subjects With Moderate to Severe Dry Eye Syndrome.” Principal Investigator
St. John’s Clinic – Eye Specialists, “A 6-Day, Phase 3, Multicenter, Randomized, Double-Masked, Parallel Study to Compare the Safety and Efficacy of Gatifloxacin 0.5% Ophthalmic Solution BID with that of Vehicle in the Treatment of Acute Bacterial Conjunctivitis.” Principal Investigator

Shachar Tauber, MD

St. John's Clinic – Eye Specialists, “Bromfenac BID plus prednisolone acetate BID vs. bromfenac BID plus prednisolone QID for the prevention of cystoid macular edema and retinal thickening.” Principal Investigator

St. John's Clinic – Eye Specialists, “A Double-Masked, Randomized Study of the Safety and Effectiveness of DYME as an Agent for Selective Staining of the Anterior Capsule during Cataract Surgery”. Principal Investigator

St. John's Clinic – Eye Specialists, “Double Masked Evaluation of Acular LS versus Nevanac for Postoperative Pain Control in Eyes Undergoing Photorefractive Keratectomy” (PRK) Principal Investigator

St. John's Clinic – Eye Specialists, Protocol 2006-002, “Comparison of Topical Xibrom™ (Bromfenac Ophthalmic Solution 0.09%) vs. Acular LS™ (Ketorolac Ophthalmic Solution 0.1%) for the Control of Pain, Photophobia, and Discomfort Following Photorefractive Keratectomy” (PRK) Principal Investigator

St. John's Clinic – Eye Specialists, Protocol C-05-23, “A Double-Masked, Parallel-Group, Randomized, Single-Dose Bioequivalence Study of Tobradex AF Suspension and TOBRADEX Ophthalmic Suspension” Principal Investigator

St. John's Clinic – Eye Specialists, Protocol C-05-19, “An Open-Label, Single-Dose, Pharmacokinetic Study of Nepafenac and Amfenac, or Ketorolac, in Human Aqueous Humor Following Administration of NEVENAC™ or Acular LS™, Respectively” Principal Investigator

St. John's Clinic – Eye Specialists, Protocol C-05-31, “A Randomized, Double-Masked Safety and Efficacy Study of FID # 109980 Compared to FID #110656 in the Treatment of Dry Eye” Principal Investigator

St. John's Clinic – Eye Specialists, Protocol 434, “A Study to Evaluate the Clinical and Microbial Efficacy of 0.6% ISV-403 Compared to Vigamox™ in the Treatment of Bacterial Conjunctivitis” Principal Investigator

St. John's Clinic – Eye Specialists, “Rapid Screening Test for Detection of IgE Antibody in Tears” Principal Investigator

St. John's Clinic – Eye Specialists, “Intacs Inserts® Prescription Inserts for Treatment of Patients with Keratoconus” Principal Investigator

St. John's Clinic- Eye Specialists, “Deep Lamellar Endothelial Keratoplasty (DLEK), “The Surgical Rehabilitation of Patients Suffering From Endothelial Failure of the Cornea.” Principal Investigator.

St. John's Clinic – Eye Specialists, “Rapid Screening Tests for Detection of Adenovirus in Tears” Principal Investigator.

St. John's Clinic – Eye Specialists, The Addition of Topical Keterolac to Topical Prednisolone Acetate to Limit Cystoid Macular Edema After Routine Phacoemulsification With Intraocular Lends Implant,” Principal Investigator.

St. John's Clinic – Eye Specialists, HSV Study Protocol, “To prospectively Investigate a New, Disposable Rapid Pathogen Screening Test (RPS HSV Test) to Detect HSV Antigen by Comparing it to Cell Culture With Immunofluorescence” (CC-IFA). Principal Investigator.

PUBLICATIONS

Insler MS, Tauber S: Microbial Keratitis in Graft Versus Host Disease. *CLAO* 13:171, 1987

Insler MS, Tauber S, Packer, A: Descemetocele formation in a patient with post-operative corneal dellen. *Cornea* 8(2):129, 1989

Insler MS, Tauber S, Poole TG: Comparison of hand-held, suction and automated trephines on experimental corneal wound size. *Journal Cataract Refractive Surgery* 15:217, 1989

Orlick ME, Kastl PR, Tauber S: Ocular effects and detection of aerosolized intranasal cocaine and fluorescein. *Annals of Ophthalmology* 22:249, 1990

Caro NC, Tauber S, Gursky P: Myopic correction by radial keratotomy using the Casebeer Method: A comparison of Chiron and Storz diamond blades. *Ocular Surgery News* July, 1994

Caro NC, Tauber S, Gursky P, Edelmuth P: Anesthesia concerns in refractive surgery. *Ocular Surgery News* June, 1996

Vakili R, Choudhri S, and Shields MB. Influence of Change in Corneal Thickness After LASIK on Intraocular Pressure Measurements with Three Tonometers. *Investigative Ophthalmology & Visual Science (IOVS)* 2000. 41(4): S466.

Vakili R, Tauber S, Lim ES. Successful Management of Retinal Tear Post-Laser in Situ Keratomileusis Pretreatment. *The Yale Journal of Biology and Medicine*. 2002.

Vakili R, Choudhri S A, Tauber S, Shields MB. Effect of Mild to Moderate Myopic Correction by Laser-Assisted In Situ Keratomileusis on Intraocular Pressure Measurements with Goldmann Applanation Tonometer, Tono-Pen, and Pneumatonometer. *J Glaucoma* 2002 December: 11(6) 493-496

Ramos-Esteban JC, Tauber S. The Role of Antibiotic Prophylaxis with Fourth Generation Fluoroquinolones In LASIK and PRK. *Highlights of Ophthalmology* 2004 32 (5):12-16

Tauber S, Porazinski A., *Megalocornea and Mental Retardation (NORD Guide to Rare Disorders)* Published by Lippincott Williams and Wilkins, Copyright 2003

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Tauber S, Ramos-Esteban JC, Dronge A. Optimizing Surgical Outcomes by Improving the Ocular Surface in Refractive Surgery. *Review of Refractive Surgery*, 2004 Oct;5(4): 31-38

Hagedorn CL, Tauber S, Adelman RA Bilateral Intraocular Foreign Bodies Simulating Crystalline Lens, *Am J Ophthalmology*, Jul2004, 138(1) p146-7

Bashford KP, Shafranov G, Tauber S, Shields MB. Considerations of Glaucoma in Patients Undergoing Corneal Refractive Surgery *Surv Ophthalmol*, May-Jun 2005, 50(3) p245-51

Tauber S. Keratoectasia: A Dreaded Complication of LASIK: New Insights into its Prevention and Management, *Cataract and Refractive Surgery Today*, May 2005 76-69

Tauber, S. Best Surgical Outcomes for Cataract and Refractive Surgeries, *Clinical and Surgical Ophthalmology* 23(6)2005 p202-206

Servat JJ, Ramos-Esteban JC, Tauber S, Bia FJ. Mycobacterium Chelonae-Mycobacterium Abscesses Complex Corneal Tunnel Infection with Recurrent Hypopyon and Perforation following Phacoemulsification and Lens Implantation. *Journal of Cataract & Refractive Surgery* 31(7) 2005 p1465-1466

Dell S, Tauber S, Loffler J, Kezirian G. The Ideal Corneal Shape, *Cataract and Refractive Surgery Today*, January 2005 59-62

Ramos-Esteba JC, Servat JJ, Tauber S, Bia F. Bacillus Metaterium Delayed Onset Lamellar Keratitis after Laser in Situ Keratomileusis, *J Refractive Surgery* 2006: 22 (3) 309-12

Sambursky R, Tauber S, Schirra F, Kozich K, Davidson R, Cohen EJ. The RPS Adeno Detector for Diagnosing Adenoviral Conjunctivitis. *Ophthalmology*. 2006; 113(10):1758-1764

Ramos-Esteban JC, Tauber S. The Use of Tissel Glue in Corneal Surgery. *Techniques in Ophthalmology* 2006; 4(1):30-34

PRESENTATIONS

Tulane University Medical Center, Department of Ophthalmology Ophthalmic Assistants' Course "Tonometry, tonography, and Keratometry."	1990-1992
Tulane University Medical Center, Department of Continuing Medical Education, New Orleans, LA "Care of the hospitalized ophthalmic patient."	1991
O'Brien memorial Research Day Program "Profound visual loss following intraocular steroid injection: analysis by histogram."	1991
O'Brien Memorial Research Day Program "Effect of radial keratotomy incision length on myopic correction and globe integrity."	1992
Alaskan Eye Meeting "Advances in refractive surgery."	1992
St. Joseph's Medical Center Community Patient Education Program, Chicago IL "The eye and diabetes."	1993
Thorek Medical Center, Chicago IL "Eye injuries-subtle to sublime."	1994
Rush-Presbyterian/St. Luke's Medical Center Department of Ophthalmology, Chicago IL "Advances in small incision cataract surgery, lecture and wet lab."	1995
St. George Corrective Vision Center, Refractive Surgery Fellowship Program, Chicago IL "Patient selection and other preoperative factors with incisional and lamellar refractive surgery."	1995
American Society of Cataract and Refractive Surgery Annual Meeting "Post operative pain management in radial keratotomy."	1996
St. George Corrective Vision Center, Refractive Surgery Fellowship Program, Chicago IL "Post operative management of the LASIK patient."	1996
Turbokeratome Study Group Meeting "Infectious keratitis following LASIK: A case report."	1996

Shachar Tauber, MD

Yale University School of Medicine, Department of Ophthalmology And Visual Science - Residency Training Program Lectures	
"Refractive Surgery Past, Present and Future"	1996
"Photorefractive keratectomy for the Correction of Myopia"	1997
"Principals of Astigmatic Surgical repair of the Corneal Laceration"	1998
Yale University School of Medicine, Department of Ophthalmology And Visual Science - Clinical Challenges	
"Patient Selection for Laser Vision Correction"	1997
"Treatment of Central Islands after LASIK"	1998
"Surgical Options for Low Myopia RK, PRK, LASIK, Intacs"	1999
"Persistent Epithelial Defects and Treatment Options"	2000
New Haven County Medical Association Meeting	
"Advances in Refractive Surgery"	1997
Yale University School of Medicine, Department of Ophthalmology And visual Science - Continuing Medical Education Series	
Course Director: "Refractive Surgery at the Millennium"	1998
Global Chinese Ophthalmology conference, Beijing, China	
Keynote Speaker, PRK Symposium:	
"Patient Selection in PRK and LASIK"	
"Treatment of Postoperative Haze and Regression after PRK"	1998
Visiting Professor, Tamil Nadu Medical University, Madras, India	
Recent Advances in Cornea and Refractive Surgery	
"Keratomes and Lasers"	
"Treatment of Hyperopia and Presbyopia"	
"Relevance of incisional refractive surgery"	1999
Faculty, "Refractive Excellence" presented by Summit Technology, Inc. New Haven, CT	
"Case Study - Myopia Treatment"	
"Question and Answer Session" - moderator	
SVS Apex Plus Excimer Laser Lab - two groups	1999
Faculty, "Refractive Excellence" presented by Summit Technology, Inc. San Diego, CA	
"LASIK Techniques"	
"Emphasis Disc as a Broad Beam Approach"	
"Question and Answer Session" - moderator	
SKBM Microkeratome Wet Lab instructor	1999

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Course Director "Cataract and Refractive Surgery with Howard Gimbel, M.D."
Yale University School of Medicine, New Haven CT
"Patient Selection for Refractive Surgery"
"Post Operative Care of the Refractive Surgery Patient" 2000
Faculty, "Refractive Excellence" presented by Summit Technology, Inc.
Phoenix AZ
"Basic Principles of LASIK"
SKBM Microkeratome Wet Lab instructor 2000

Faculty, "Refractive Excellence" presented by Summit Technology, Inc.
New Haven CT
"Basic Principles of LASIK"
"Understanding the SKBM for LASIK"
SKBM Microkeratome Wet Lab instructor 2000

Kevin Hill Seminar in Ophthalmology/ Lancaster Course in Ophthalmology
"Phakic intraocular lenses"
"Conversion from manual to automated microkeratomes"
"Is photorefractive keratectomy dead?"
"Treatment of retinal tear after LASIK treatment"
"Corneal buttonhole with Moria LSK – causes, prevention, and
treatment" 2000

Faculty Excellence In Lasik Alcon Laboratories
New Orleans, LA 2000
UCLA Los Angeles, CA 2000
San Juan, PR 2001
Orlando, FL 2001
New Haven, CT Course Director 2001

Brewster, MA 2001
Buenos Aires, Argentina 2001
New Haven, CT Course Director 2002
Brewster MA 2002

"Developing a LASIK and PRK Nomogram"
"Complications of LASIK"
"Successful conversion from the Summit Apex Plus
and other Broad Beam Lasers to the Autonomous
LADARVision – The Yale Experience"

World Vision Symposium Duke University
Speaker and Discussant
"Refractive Surgery Plan the Flight Fly the Plan" 2001

Uveitis Symposium Yale University with C. Stephen Foster, M.D. 2002
Course Director and Speaker " Corneal Allograft Rejection"

- Kanade VG, Ramos-Esteban JC, Tauber S, “Contamination Rate of Autologous Serum for Management of Ocular Surface Disorders leading to Dry Eye.” Invest. Ophthalmol. Vis. Sci.2004 45: E – Abstract 3897. 2004
- “The Effect of Topical Ketorolac 0.4% on Cystoid Macular Edema Following Routine Cataract Surgery” Tauber S, Gessler J, Scott W, Peterson C, and Hamlet P. Presented at the Association of Research in Vision and Ophthalmology, April 2006 2006
- “Advances in Cornea Transplantation” Unite for Sights Fourth Annual International Health Conference. 2006
- “Comparison of Topical Xibrom vs Acular LS for the Control of Pain, Photophobia, and Discomfort Following PRK. Sher, NA, Tauber S. Presented at the Eye Meeting of the Twin Cities, March 9 2007
- “A Randomized, Double-Masked Contralateral Eye Clinical Evaluation of Ketorolac 0.4% versus Nepafenac 0.1% in PRK Patients”. Tauber S, Trattler W, Lluhs J, Majmudar P. Presented at The American Society of Cataract and Refractive Surgery Society of Ophthalmic Administrators April 2007
- “Randomized Trial of Topical Bromfenac 0.09% vs Ketorolac 0.4% For Control of Post-PRK Pain and Discomfort”. Sher NA, Golben M, Bond W, Trattler WB, Tauber S. Presented at the American Society of Cataract and Refractive Surgery Society of Ophthalmic Administrators April 2007
- “Vision and Sports: Sports Ophthalmology Society of the Americas” Toyos R, Kim T, O’Brien TP, Mah FS, Asdeh RM, Trattler WB, Wchuler W, Tauber S. Presented at The American Society of Cataract and Refractive Surgery, Society of Ophthalmic Administrators, April 2007
- “A Randomized, Double-Masked Contralateral eye Clinical Evaluation of Ketorolac 0.4% vs Nepafeanc 0.1% in PRK patients”. Tauber S, Trattler W, Luchs J, Majmudar P. May 10 2007
- “Military Ophthalmic Applications of Electrospun Nanotechnology” Fuerst R, Wnek G, Duncan M, Bango J. Presented at Walter Reed Army Medical Center 2007
- “New Rapid Pathogen Detectors for Herpes simplex and Allergy” Presented at the 24th Annual Current Concepts in Ophthalmology, Vail, Colorado, March 2007
- “Use of Tiseel glue for ocular surface surgery” Presented at the 24th Annual Current Concepts in Ophthalmology, Vail, Colorado, March 2007

- “Ocular surface management for the refractive surgery patient”
Presented at the 24th Annual Current Concepts in Ophthalmology,
Vail, Colorado, March 2007
- “Update on Rapid Adeno Detection – Improving the ten minute
Diagnosis” Presented at the 25th Annual Current Concepts in
Ophthalmology, Vail, Colorado, March 2008
- “Presbyopia correction with Corneal Inlay” Presented at the 25th
Annual Current Concepts in Ophthalmology, Vail, Colorado,
March 2008
- “Ocular Surface Management for the Refractive Surgery Patient”
Presented at the 25th Annual Current Concepts in Ophthalmology,
Vail, Colorado, March 2008
- “A Novel Portable Cooling Device for Storing and Delivering
ProKera, a Sutureless Amniotic Membrane.” J.J. Bango, K.E.
Davis, R. Fuerst, G. Wnek, S. Tauber, S. Tseng.
Presented at the 2008 Annual ARVO meeting
Fort Lauderdale, Florida, April 2008
- “Electrospun Polymers in Cornea Repair and Regeneration.” K.E.
Davis, G.E. Wnek, N. Smith, S. Tauber, R. Fuerst, J. Bango.
Presented at the 2008 Annual ARVO meeting
Fort Lauderdale, Florida, April 2008
- “Vision and Sports: Sport Ophthalmology Society of the Americas”
R. Toyos, R. Awhdeh, T. O’Brien, T. Kim, W. Trattler
Presented at the 2008 ASCRS Symposium
Chicago IL, April 2008
- “Polymer Electrospinning to Create PVA Contact Lens”
Presented at the 2008 ASCRS Symposium
Chicago IL, April 2008
- “Electrospun Nanofibers: Advances in Biomaterials for Contact Lenses
And Artificial Corneas”
Presented at the 2008 ASCRS Symposium
Chicago IL, April 2008