

ROBERT TODD SPECTOR, M.D., F.A.C.S., F.A.A.P.

CURRICULUM VITAE

ACADEMIC APPOINTMENTS

- 9/83 - 8/84 Assistant Professor
Department of Ophthalmology, Neurosurgery and Neurology:
University of Illinois, Chicago, IL
(Director, Neuro-Ophthalmology Service)
- 9/84 - 6/88 Assistant of Clinical Ophthalmology
Columbia University School of Medicine, New York, N.Y.
Department of Ophthalmology: Neuro-Ophthalmology and
Pediatric Ophthalmology
- 7/88 - Present
10/97 - Present Associate Professor
Department of Ophthalmology, Einstein College of Medicine,
Yeshiva University, New York, N.Y.
- 1/91 - 9/92 Assistant of Clinical Ophthalmology
Columbia University School of Medicine, New York, NY
Department of Ophthalmology: Neuro-Ophthalmology,
Ophthalmology and Pediatric Ophthalmology
- 10/92 - 12/93 Associate Professor
Department of Ophthalmology, University of Iowa Hospitals
and Clinics, Iowa City, IA (Full-time Academic)
Attending in Neuro-Ophthalmology, Cornea and External Disease
Director, General Ophthalmology Clinic
- 1/94-6/94 Fellow
Hunkeler Eye Clinic, Kansas City, MO
Refractive Surgery (clinical), Topography (research)
- 12/95-7/97 Associate Professor
Nova Southeastern University (with Bascom Palmer)
School of Osteopathy/Medicine, Davie, FL

OTHER EMPLOYMENT

- 6/70-8/71 Chemist
Miles Laboratories Research and Development, Drug Viability Area West
Haven, CT
- 9/83-12/93 Private Practice
Greenwich, CT

7/94 – 9/97	Private Practice Sight Foundation, Fort Lauderdale, FL Fellowship, Dr. Charles Bechert
10/97-1/05	Private Practice TLC Medical Company-Director, Massachusetts and Connecticut Offices in Greenwich, CT and Stamford, CT
1/05-Present	Private Practice Eye Surgical Consultants, LLC Meriden, CT

EDUCATION

1964-67	Yale University, New Haven, CT Accelerated High School Program
1967-70	Case Western Reserve University, Cleveland, OH Degree received in 1971 with high honors
1975 M.D.	Case Western Reserve University, School of Medicine, Cleveland, OH
1975-76	Internship: Medicine/Pediatrics Cleveland Metropolitan General Hospital, Cleveland, OH
1976-78	Resident: Neurology Cleveland Metropolitan General Hospital, Cleveland, OH
1978-81	Resident: Ophthalmology University of Iowa Hospitals and Clinics, Iowa City, IA
1981-82	Fellow: Neuro-Ophthalmology Bascom Palmer Eye Institute (Dr. Joel Glaser) Miami, FL.
6/82-9/82	Fellow: Visual Evoked Potentials Mount Sinai Hospital, Department of Neurology (Dr. Ivan Bodis-Wollner). New York, NY
9/82-8/83	Fellow: Pediatric Ophthalmology Bascom Palmer Eye Institute (Dr. John T. Flynn), Miami, FL
2/83-9/83	Fellow: Cornea and External Disease (Clinical & Lab Research) Bascom Palmer Eye Institute, Miami FL

EDUCATION (cont.)

- 1/94-6/94 Fellow: Refractive Surgery (Clinical & Lab Research)
Hunkeler Eye Clinical (Dr. Daniel S. Durrie), Kansas City, MO
- 7/94-7/97 Fellow: Anterior Segment, Cornea & External Disease, Refractive
Surgery
Sight Foundation (Dr. Charles Bechert), Fort Lauderdale, FL

CERTIFICATION AND LICENSURE

Certification:

1. National Board of Medical Examiners, 1976
2. American Board of Ophthalmology, 1982
3. American Board of Neurology, eligible

Licensure:

1. Ohio permanent
2. Iowa permanent
3. Florida permanent
4. New York permanent
5. Connecticut permanent

PROFESSIONAL AFFILIATIONS

- * American College of Surgeons
- * American Academy of Ophthalmology
- * American Academy of Pediatrics
- * Broward County Medical Association
- * Walsh Society, North American Neuro-Ophthalmology Society
- * American Association of Pediatric Ophthalmology and Strabismus
- * International Strabismological Association
- * American Medical Association
- * American Intraocular Implant Society
- * Connecticut Eye Society
- * Fairfield (Connecticut) Medical Society
- * Miami Ophthalmological Society
- * Iowa Eye Association
- * American Academy of Chemistry
- * New York Academy of Science
- * International Society of Refractive Keratoplasty and Corneal Disease
- * North American Neuro-Ophthalmology Society
- * Contact Lens Association of Ophthalmologists

PROFESSIONAL ACTIVITIES

- * Journal of Spirochetal and Tick-borne Diseases Review Board
- * Faculty Practice Plan Board, The University of Iowa Hospitals & Clinic
1992-93
- * Connecticut Eye Bank-Medical Board Member
- * Medical Advisory Board for the Connecticut Eye Bank
- * American Board of Ophthalmology-Book Review Section
- * Medical Advisory Board for American Lyme Foundation of America
- * Member, Medical Ethics Committee, University of Iowa Hospital and
Clinics
- * Member (elected by entire faculty), Faculty Practice Plan, University
of Iowa Hospitals and Clinics

AREAS OF RESEARCH INTEREST

1. Objective quantification of cataract prior to cataract surgery
2. The effects of age, systemic disease and drugs on automobile driving and their compromise on safety.
3. Alternate approaches to cataract surgery for the starting and seasoned surgeon
4. Standardization of corneal topography (holds 4 patents and trademarks)

CURRENT PROJECTS

- * Bacterial Keratitis Study Sub-Invasive
- * Prospective study of ocular findings with patients diagnosed with congenital Lyme disease
- * The relationship between seizures, cardiac arrhythmias and the optic nerve dysfunction in Leber's disease
- * Designing a functional, easy-to-fit bifocal contact lens

TEACHING ACTIVITIES

10/92-12/93	Department of Ophthalmology liason for introduction to Clinical Medicine (sophomore medical student course), University of Iowa.
12/92-12/93	Senior Course Director for the Senior Medical Student Selective Study Courses in the Department of Ophthalmology, University of Iowa
9/83-Present	I have given various ophthalmology lectures, seminars and labs to physicians, lawyers and the general public.
11/92-12/93	4 hours per week spent with Internal Medicine in ward round at the University of Iowa teaching eye and relationship to systemic disease.
9/84-9/92	I was an active teacher at the Harkness Eye Institute (Columbia University) and the Albert Einstein Medical School. Spent at least 4 hours per week each in General Clinic, Neuro-Ophthalmology and assisting residents in surgery.

HONORS, AWARDS AND GRANTS

Elected President of Student Body, Adelbert College (CWRU), 1970-75
Omicron Delta Kapp, 1970
Phi Beta Kappa, 1971
Alpha Omega Alpha 1975
Outstanding House Staff Teacher, Cleveland Metropolitan General Hospital, 1975Z to 1976
NIH Study Grant: For Oculinum
Principal investigator: Allan Scott, M.D; San Francisco, CA, 9/83
NIH Study Grant: Retinopathy of Premature Study
Principal investigator: Earl Palmer, M.D.: Portland, OR: 4/85
Columbia University, Harkness Eye Institute

BIBLIOGRAPHY

1. Papers published or in press:

- A. Folk ER, Miller MT, Chapman L, Spector RT: Post traumatic bilateral superior oblique palsy natural history and treatment. *Pediatric ophthalmology and Strabismus*, 1984.
- B. Weingest TA, Spector RT: Leukemic retinopathy. In *Clinical and Structural Correlates in Retinal Diseases*, Ryan SJ, Little H (eds) New York: Grune & Stratton, 1985, pp239-246.
- C. Spector RT, Smith JL, Parker JC: Cecocentral scotomas in gliomatosis cerebri. *J. Clin Neuro-Ophthalmology*, 4:229-238, 1984.
- D. Spector RT, Smith JL: Scotomas and gliomatosis cerebri. *Neuro-Ophthalmology*, Smith JL (ed), Year Book Medical Publishers, 1986, Chapter 4.
- E. Spector RT: Ocular pneumoplethysmography *Surv Ophthalmology*, 29:291, 1985.
- F. Forman S, Behrens MM, Odel JG, Spector RT, Hilal S: Relative Afferent Pupillary Defect with Normal Visual Function. *Arch Ophthalmology*, 108:1074-1075, 1990.
- G. Spector RT, Durrie DS, Schumer J: *Standardized Results from Topography on Eximer Patients*. Mosby, 1995.

2. Books and/or Chapters:

Spector RT, Turkish L: *The Ocular Fundus and Systemic Disease*, Mosby Publishers Inc., to be published Winter, 1997.

Spector RT, Weingeist TA: *Disorders of Lipid Metabolism, current Ocular Therapy*, 179-181, 1994

3. Other

American Academy of Ophthalmology, Chicago IL. 1983
Course in Pediatric Neuro-Ophthalmology

Walsh Meeting: Cleveland, OH 1984

Cecocentral scotomas as the presenting symptom of gliomatosis cerebri

ARVO Meeting-Sarasota, FL 1984

The use of Natamycin in fungal keratitis with lantophoresis

American Academy of Ophthalmology: St. Louis, MO 1984
 Regional Update, Discussion on supranuclear palsies and the 6th nerve palsies

American Academy of Ophthalmology: Atlanta GA 1984
 Course on Neuro-Ophthalmology
 Course on Pediatric Ophthalmology
 Course on Paralytic Strabismus

American Academy of Ophthalmology: San Francisco, CA 1985
 Course on Pediatric Neuro-Ophthalmology
 Course on Paralytic Strabismus

American Academy of Ophthalmology: San Francisco, CA 1986
 Course on Paralytic Strabismus

Walsh Society Meeting: Boston, MA 1987
 Relative afferent pupillary defect with normal visual function and MRI localization

American Academy of Ophthalmology: Dallas, TX, 1987
 Course on Paralytic Strabismus

American Academy of Ophthalmology: Las Vegas, NV, 1988
 Course on Paralytic Strabismus
 Course on Restrictive Strabismus

American Academy of Ophthalmology: Dallas, TX 1989
 Course of Paralytic Strabismus

American Academy of Ophthalmology: Atlanta TX 1990
 Course on Paralytic Strabismus

ARVO: Sarasota, FL 1993
 Ocular Pathology of Congenital Lyme Borreliosis

CLAO: Las Vegas, NV 1994
 The Management of Contact Lens Service and its Synergism with Refractive Surgery

ASCRS: Boston, MA 1994
 The Standardized Topographical Analysis for Refractive Surgery (STARS MAP)
 For Excimer Surgery

ASCRS: San Diego, CA, 1995
 Stars Map on the EyeSys Unit, A Compass for the Excimer Laser in Refractive Surgery

PAPERS IN PROGRESS

1. Spector RT, Mehrens M: Leber's optic atrophy and mitochondrial dysfunction: A triad dysfunction.
2. Congenital lyme infection-A study of 35 patients, their signs, symptoms and therapy.
3. The pathology of ocular congenital Lyme disease.
4. Periodic alternational nystagmus with periodic alternating null points: A discussion of findings and surgical therapy in three patients.
5. Investigation of cataract wound structure with the use of confocal microscopy.
6. Corneal protection and healing by the use of various lid closure procedures
7. Evaluation of ptosis repair and astigmatic changes using corneal topography
8. Infrared emission in cataracts of different densities.
dysfunction.