

### Faculty 3: Renato Ambrósio Junior, MD



Education:	1995 M.D. Fundação Médico Educacional Souza Marques, Rio de Janeiro, Brazil
ECFMG Certification (Nov. 6, 1997):	USMLE Step 1 - Basic Science June 12, 1996 USMLE Step 2 - Clinical Science August 31, 1995 ECFMG English Examination August 27, 1997 TOEFL March 1, 2000

#### Professional Practice and Training:

04/93-12/93 Emergency Medicine Training Grant, Hospital Municipal Miguel Couto, Rio de Janeiro, Brazil, Approved by Examination.

12/93-05/95 Intensive Care Unit Training, Hospital Municipal Miguel Couto, Rio de Janeiro, Brazil, Approved by Examination.

01/95-12/95 Internship, Santa Casa de Misericórdia do Rio de Janeiro, Internal Medicine; Grade: Excellent.

02/96-01/97 Ophthalmology Staff (under supervision), Afonso's Hospital of Aeronautics, 2nd Lieutenant, Brazilian Air Force, Rio de Janeiro, Brazil.

04/96-12/96 Residency in Ophthalmology: Eye Trauma Training (9 months), Hospital Municipal Souza Aguiar, Rio de Janeiro, Brazil,

02/97-01/99 Residency in Ophthalmology (2 years), Instituto de Oftalmologia Tadeu Cvintal, São Paulo, Brazil.

02/99-01/00 Resident, Third Year, in Cornea and Anterior Segment, Instituto de Oftalmologia Tadeu Cvintal (IOTC), São Paulo, Brazil.

02/00-09/00 Assistant Professor, Cornea and Anterior Chamber Department, Instituto de Oftalmologia Tadeu Cvintal (IOTC), São Paulo, Brazil.

10/00-date Cornea & Refractive Surgery Fellow, Department of Ophthalmology, University of Washington, Seattle.

#### Teaching Experience:

03/92-12/92 Fundação Médico Educacional Souza Marques, Rio de Janeiro, Brazil, Physiology Department: Monitor Grant, Approved by Examination.

02/99-01/00 Third Year, Elected Resident Representative.

06/00-date Doctorate (postgraduate), University of São Paulo, São Paulo, Brazil.

10/00-date Acting Instructor, Department of Ophthalmology, University of Washington, Seattle.

#### Approvals in Public Contests:

12/93 SUSEME, Rio de Janeiro, Brazil: Emergency Medicine Training Grant

11/93 Hospital Municipal Miguel Couto, Rio de Janeiro, Brazil: Intensive Care Unit Training.

12/95 SUS, São Paulo, Brazil: Residency in Ophthalmology

04/96 FESP, Rio de Janeiro, Brazil: Residency in Ophthalmology

01/96 Instituto de Oftalmologia Tadeu Cvintal, São Paulo, Brazil: Residency in Ophthalmology, Approved by Examination on first.

10/00 Brazilian Council of Ophthalmology - Board Exam of Qualification

**Professional Memberships:**

- American Academy of Ophthalmology (Fellow member in training)
- American Society of Cataract and Refractive Surgery
- European Society of Cataract and Refractive Surgery
- International Society of Refractive Surgery
- Brazilian Society of Ophthalmology
- Brazilian Refractive Surgery Society
- Brazilian Cataract and Implant Surgery Society

**Foreign Language Skills:**

- Fluent in Portuguese and English
- Curriculum Three Years Course in French

**Volunteer Work During Residency:**

02/97-01/98 Volunteer in the Eye Bank of São Paulo for collecting human corneas

09/97 Prevention of Ocular Diseases in children of the Public School, Professora Maria O. G. Bueno

02/99-01/00 Volunteer in the Eye Bank of São Paulo for analyzing and preserving corneas in 1999

02/97-01/00 Volunteer in the Eye Bank of São Paulo for campaigns in the Brazilian Society of Ophthalmology

**Published Papers/Abstracts:**

1. Astigmatism in temporal clear corneal phaco. Oftalmologia Em Foco. 06/98.
2. Interview with David J. McIntyre, M.D., innovator of 25th ASCRS. Oftalmologia Em Foco 06/99.
3. Interview with Steve Wilson, M.D., apoptosis of the keratocytes and cornea wound healing. Oftalmologia Em Foco 06/99.
4. Update in Wave front and Custom ablations - Interview with Ronal Krueger, M.D., "Em Foco" Journal 06/00.
5. Interview with Gerrit Melles, M.D., Anterior and Posterior Lamellar Keratoplasty. Oftalmologia Em Foco 08/00.
6. Interview with Melvin Freeman, M.D., Importance of the Ophthalmic Assistant. Oftalmologia Em Foco 12/00.
7. Ambrósio R Jr, Wilson SE: Two step LASIK for hyperopic or mixed astigmatism with the VisX S2 laser. Invest Ophthalmol Vis Sci (Suppl) 2001;42:S724 (#3892).
8. Ambrósio R Jr, Wilson SE: LASIK algorithms. Developing an appropriate nomogram. Rev Refract Surg 2001;2:36-41.
9. Wilson SE, Ambrósio R Jr: Computerized corneal topography and its importance to wavefront technology. Cornea 2001; vol. 20(5), July.
10. Wilson SE, Ambrósio R Jr: Laser in situ keratomileusis (LASIK)-induced neurotrophic epitheliopathy (LNE). Am J Ophthalmol (In Press)

**Lectures Presented During Residency (internal seminars and meetings):**

- Alport syndrome
- Anatomy of the Eye
- Anterior Chamber Maintainer in Anterior Segment - Cataract and Glaucoma

- Antibiotics and Cornea
- Astigmatism
- Astigmatism in Temporal Clear Cornea Phaco
- Binocular Vision and Stereopsy
- Cornea - Anamnesis
- Experimental Surgery
- Fundamentals of Accommodation and Presbyopia Surgical Correction
- Gonioscopy
- Herpetic Keratitis
- Immunology of the Cornea
- Intermediate Uveitis
- IV and VI Nerve Palsies
- Keratoconus
- Keratoplasty in Herpes Simplex
- Modern Cataract Surgery without Phacoemulsification-McIntyre's Phakossection
- Pearls for the Beginner in Phacoemulsification (by one)
- Phacogenic Uveitis
- Presbyopia
- Pterygium and its Surgery
- Recurrence and first episode of Herpetic Keratitis after Corneal Transplant
- Refraction - Basics for Objective and Subjective Exam
- Retina-Gyrate Atrophy
- Secondary Glaucoma-Pigmentary and Pseudoexfoliation
- The BEST from AAO 1997 - San Francisco, CA.
- The BEST from AAO 1998 - New Orleans, LA
- The BEST from ASCRS 1998 - San Diego, CA
- The BEST from ASCRS 1999 - Seattle, WA
- The Use of Computers for Ophthalmic Education
- Topographic Aspects of Pterygium and its Surgery
- Vascularization and Innervation of the Eye and Orbit

Presented In Brazil:

08/96: "Orbital Cellulitis," Monthly meeting of the Afonsos' Hospital of Aeronautics.

11/97: "Multimedia in Ophthalmology: The CD Rom in Ophthalmology Education," International Symposium of the Brazilian Society of Ophthalmology.

05/98: Free Papers: "Astigmatism in Temporal Clear Cornea Phaco," and "LASIK in Supposed Amblyopes"; Lecture: "Specific CD rom for cataract and refractive surgery"; Video: "Experimental Surgery-Basic Aspects in Modern Cataract Surgery"; International Meeting of the Brazilian Society of Cataract and Refractive Surgery 1998

06/98: Poster: "Astigmatism in Phaco Clear Cornea," International Meeting of Northeast Society of Ophthalmology.

07/98: Lecture: "The CD Rom in the Education of Ophthalmology"; Moderator: "Cornea and External Disease"; Video: "Experimental Surgery-Basic Aspects in Modern Cataract Surgery," International Meeting of the Brazilian Society of Ophthalmology 1998.

12/98: Video: "Experimental Surgery-Basic Aspects in Modern Cataract Surgery," Meeting of the Paraná Society of Ophthalmology.

02/99: Endocapsular Sub 2.0 (Mendonca B), XXII Moacyr Alvaro International Symposium.

06/99: "Keratoconus-Diagnosis and Treatment" (Falzoni W), Regional Meeting of the Association of Paraná.

04/00: Lectures: "Corneal Tomography"; "Cornea Topography in Refractive Surgery"; "Difficulties and Challenges in Beginning Phacoemulsification". International Meeting of the Brazilian Society of Cataract and Refractive Surgery 2000

05/00 Lectures: "Cornea wound Healing Update". Weekly meeting of Hopital do Olho - Rio de Janeiro.

06/00 Lectures: "Aberrometry and Custom Cornea Refractive Surgery"; "Penetrating Keratoplasty - Technique"; "Presentation of Papers using computer technology" Videos: "Human Eye Dissection - Combining Surgical training and Anatomic Demonstration"(1st prize); "The use of the anterior chamber maintainer in Trabeculectomy"(2nd prize); "Suprachoroidal Hemorrhage during Phacoemulsification". International Symposium of the Brazilian Society of Ophthalmology 2000.

07/00 Lectures: "Corneal Tomography and Wave front in Refractive Surgery". Commemorative Congress of the 80o birthday of the Instituto Penido Burnier - Campinas.

11/00 Lectures: "Confocal Microscopy of the Cornea". Congress of the University of São Paulo 2000.

Activities in Tables During Meetings:

09/96 International Symposium of Brazilian Society of Ophthalmology, Secretary of the Course: Transition to Phacoemulsification

07/98 International Congress of Brazilian Society of Ophthalmology, President of the Course: External Diseases Papers, Posters and Videos Presented Outside of Brazil:

04/99: ASCRS 1999: Poster: "Corneal Topographic Changes in Pterygium and its Surgery-Basic Aspects and Clinical Implications"; Videos: "Sub 2.0 Phaco" (Mendonca B); "Experimental Exercises for a Beginner in Modern Cataract Surgery."

09/99: ESCRS 1999: Posters: "Lens-induced Astigmatism" and "Refractive Changes in Pterygium and its Surgery"; Videos: "Sub 2.0 Phaco" (Mendonca B) and "Experimental Exercises for a Beginner in Modern Cataract Surgery."

10/99: Fall meeting - ISRS 1999: Video: "Experimental Exercises for a Beginner in Modern Cataract Surgery." (1st prize - Education)

05/00 ASCRS 2000: Paper: "Improvement of Visual Acuity after LASIK". Posters: "p-53 gene and Caratact"(Mendonca B); "The use of ACM in Trabeculectomy"(DeLuca S); "Iris Cyst Management" (Netto MV); "Improvement of Visual Acuity after LASIK". Video: "Human Eye Dissection"; "The use of ACM in Trabeculectomy"; "PHPV Surgery" (Ghirelli W); "Suprachoroidal Hemorrhage in Phacoemulsification"(Mendonca B)

10/99: Fall meeting - ISRS 2000: Paper: "Improvement of Visual Acuity after LASIK". Poster: "Lamelloplasty"(Cvintal T) Video: "Human Eye Dissection" (1st prize - Education)

04/01 ASCRS 2001: Video: "Anesthesia in Cataract surgery - Listening to the Patient" (Netto MV)

05/01: ARVO 2001: Paper: "Two Step LASIK for Hyperopic and Mixed Astigmatism"

Special Interests

Computers Sciences - PC/IBM (Internet, CD Rom), Travel, Music (classic, relaxation, pop, reggae, rock'n'roll), Piano,

Saxophone and Guitar playing, Yoga, Judo, Brazilian Gracie Jiu-jitsu and Soccer.

**Revised May 31, 2001**