



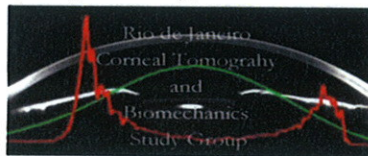
**EUROPEAN BOARD OF OPHTHALMOLOGY
ENET PROGRAMME
(European Network for Education of Trainees)**

**APPLICATION FORM ENET
ACCREDITED COURSES**

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Course Director _____

- 1. Name:** Renato Ambrósio Jr, MD, PhD
- 2. Address:** Rua Conde de Bonfim, 211/712 - Tijuca - 20520-050
5521 2234 4233; 2264 4430
Rio de Janeiro - RJ, Brasil



- 3. E-mail:** renatoambrosiojr@terra.com.br

Supportive society (in due order with UEMS accreditation) _____

- 4. Society:** ESCRS
- 5. Date/hour when this course will take place:** 04/09/2010, 1430-1630
- 6. Location:** Les Palais des Congrès, Paris, France
- 7. UEMS application introduced:**
in due order: ✓

General information _____

- 8. Course Title:** Enhanced Ectasia Screening for Refractive Candidates: from Corneal Topography and Pachymetry to 3D Tomography and Biomechanics
- 9. Classification according to EBO syllabus***
- 10. Duration:** 1-hour course (1-3 speakers) ✓ 2-hours course (4- 6 speakers)
3-hours course (6-8 speakers) 4-hours course (8-10 speakers)
- 11. Format:** v Formal lecture Commented diaporama Videobased course
v Case presentations On-line course E-learning
- 12. Course level:** Basic ✓ Advanced

* To be filled in by European Network for Education of Trainees (ENET) responsible

Faculty

<u>Name</u>	<u>E-mail</u>	<u>Setting</u>
1. Renato Ambrósio Jr.	renatoambrosiojr@terra.com.br	Inst. de Olhos Renato Ambrósio; Rio de Janeiro Corneal Tomography and Biomechanics Study Group, Rio de Janeiro - Brazil
2. Michael W. Belin	MWBelin@aol.com	University of Arizona, Tucson - US
3. William J. Dupps Jr.	wjdupps@sbcglobal.net	Cleveland Clinic Foundation , Cleveland - US
4. Stephen Khachikian	stevek_md@yahoo.com	Rapid City Regional Hospital
5. Jorge O. Cazal	jaocazal@yahoo.com	Oftalmología Avanzada Universidad Autónoma de Barcelona, Spain

Course synopsis (max. 10 lines)

Identification of ectatic corneas is critical because this is the most important risk factor for developing iatrogenic keratectasia (along with age, residual stromal bed and multiple treatments). Placido's Topography and central ultrasound pachymetry are the current 'gold standard' methods for screening candidates for keratorefractive surgery. Such methods enable the detection of sub-clinical keratoconus and pellucid marginal degeneration in eyes with normal slit lamp exam and BSCVA. However, there are cases with no risk factors that develop iatrogenic keratectasia and there are also cases with multiple risk factors that had LASIK or surface ablations with stable results. The need for enhanced methods for screening ectasia susceptibility and for planning refractive is well recognized.

Aim(s) of the course (max. 10 lines)

Attendees will understand the importance of proper screening candidates and the need for advances beyond current technology based on Placido's topography. Attendees will understand the concept of ectasia susceptibility and gain greater knowledge on Pentacam Corneal Tomography and on ORA Biomechanical measurements, along with guidelines for clinical interpretation.

Attendees will learn the fundamental basis for understanding corneal elevation maps, pachymetric distribution graphs and ORA signal analysis.

Clinical studies will be presented along with case studies, in which the data from such exams were critical for proper decision

Achievements (what will the participant achieve in knowledge)

Attendees will understand the importance of proper screening candidates and the need for advances beyond current technology based on Placido's topography. Attendees will gain greater knowledge on Pentacam Corneal Tomography and on ORA Biomechanical measurements, along with guidelines for clinical interpretation. Clinical studies will be presented along with case studies, in which the data from such exams were critical for proper decision making.

Course outline (please specify or add a flyer)

	Topic	time	Presenter
1	Review on Classic Screening based on Corneal Topography and Pachymetry	8	Renato Ambrósio Jr
2	Why we need to do better than this? How can we do it?	8	Renato Ambrósio Jr
3	Basics of Oculus Pentacam Measurements	8	Michael Belin
4	Concepts for Elevation Corneal Topography and Tomography	12	Michael Belin
5	Elevation Mpas: Clinical Studies and Guidelines for Interpretation	15	Stephen S. Khachikian
6	Tomographic Thicknes Evaluation, Clinical Studies and Guidelines for Interpretation	8	Renato Ambrósio Jr
7	Corneal Biomechanical Measurements: How can we do it today?	12	William J. Dupps
8	Reichert ORA Measurements: Basics and Clinical Findings	8	William J. Dupps
9	ORA and Pentacam: Clinical Findings on Normal Population and Ectasia	15	Jorge Cazal
10	The Concept of Enhanced Screening for Ectasia Susceptibility: Clinical Demonstration of improved Sensitivity and Specificity	12	Renato Ambrósio Jr
12	Case Studies and Q&A	14	Renato Ambrósio Jr

Agreement (to be filled in by the course director)

I hereby agree

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the course

- to distribute the evaluation forms prior to the start of the course
- to collect the evaluation forms after the course
- to collect the MCQSs from the faculty within a timeframe of two weeks after
- to wave registration fee for the peer reviewer
- to provide UEMS accreditation of the hosting society
- to send the evaluation forms to Dara Conlon
- to complete the MCQ form in attachment

Name + Signature:

Date:



July, 6th July 2010.