

## **OFT 852 CLINICAL-PATHOLOGICAL CORRELATION OF IMAGING EXAMS OF THE OCULAR BULB**

**Workload:** 30 h

**Credits:** 02

**Nature:** Optional Master and PhD

**Professors:** Daniel Vitor de Vasconcelos Santos; Márcio Bittar Nehemy; Marco Aurélio Lana Peixoto; Sebastião Cronemberger Sobrinho.

**Discipline Syllabus:** Relevant and current topics of ultrasound biomicroscopy will be addressed, aiming to contribute substantially to the understanding by the researcher how to use this imaging method, with the purpose of clarifying the mechanisms of several diseases of the anterior segment that have not yet been completely unveiled. The correlation between the clinical manifestations and the findings of angiography and optical coherence tomography of chorioretinal diseases will be studied.

### **Bibliographic References:**

1. Costa AM, Costa RA, Melo LA Jr, Calucci D, Orefice JL, Cronemberger S. Influence of the eye-tracking-based follow-up function in retinal nerve fiber layer thickness using fourier-domain optical coherence tomography. *Invest Ophthalmol Vis Sci.* 2013 Mar 15;54(3):1958-63.

2. Tan BB, Natividad M, Chua KC, Yip LW. Comparison of retinal nerve fiber layer measurement between 2 spectral domain OCT instruments. *J Glaucoma.* 2012 Apr-May;21(4):266-73.

3. Costa AM, Cronemberger S. Optic disc and retinal nerve fiber layer thickness descriptive analysis in megalopapilla. *J Glaucoma.* 2014 Aug;23(6):368-71.

4. Nehemy MB, Brocchi DN, Veloso CE. Optical Coherence Tomography Angiography Imaging of Quiescent Choroidal

Neovascularization in Age-Related Macular degeneration. Ophthalmic Surg Lasers Imaging Retina. 2015 Nov-Dec;46(10):1056-7.