2007 Research Days A	bstract Form – Department of Ophthalmology – UNIFESP/EPM
2. SCIENTIFIC SECTION PREFERENCE (REQUIRED): Review the Scientific section Descriptions. Select and netter the two -letter Code for the one (1) Section best sullied to review your abstract (CA) CATARACT	1. FIRST (PRESENTING) AUTHOR (REQUIRED) Must be author listed first in body of abstract   ( ) R1 (X) R2 ( ) R3   ( ) PG0 ( ) PG1 ( ) Estagiário ( ) Tecnólogo ( ) PIBIC
3. PRESENTATION PREFERENCE (REQUIRED) Check one (1) (a) Paper (b) Poster	PEREIRA CAROLINA ISOLANI Last Name First Name Middle
4. The signature of the First (Presenting) Author, (REQUIRED) acting as the authorized agent for all authors, hereby certifies.	Service (sector) Nº CEP (Comité de Ética em Pesquisa da Universidade Federal de São Paulo- UNIFESP)
That any research reported was conducted in compliance with the Declaration of Heisinki and the 'UNIFESP Ethical Committee"	5. ABSTRACT (REQUIRED) WAVEFRONT ANALYSIS OF ACRYSOF® TORIC IOL
	PEREIRA, C. I.; BARROS, M.; VANDERLEI, S.; SORIANO, E.; NOSÉ, W.
Signature of First	PURPOSE: To compare visual performance, total and high order wavefront aberrations (coma, spherical aberration, and other terms) and contrast sensitivity in eyes implanted with monofocal spherical intraocular lens (IOL) or toric spherical
Scientific Section Descriptions (GP) 0981T (FI) OCULA R N.ASTC SURGERY (FE) BETTINA AND VITEOLIS (RX) REFRACTON-CONTACT LENSES (NO) NEURO-OPHTHALMOLOGY (IV) UNUERS AND PATHOLOGY (IV) UNUERS (IV) VETTIS (IV) UVETTIS (IV) LOW VISION (IV) LOW VISION (IV) COLLAR AND EXTERNAL DISEASE (RS) REFRACTIVE SURGERY (CA) CATARACT (US) OCULAR ULTRASOUND (IK) TAUMA (IV) TOULAR MOCHNIERING (EF) PEIDEMILOGY (EF) ELECTROPHYSIOLOGY	METHODS: Randomized prospective study.Ninety patients will be randomized to receive two IOL types: Alcon AcrySof® Natural (45 eyes) or AcrySof® Toric (45 eyes). Complete ophthalmolo gic examination including uncorrected visual acuity (UCVA), best-spectacle corrected visual acuity (BSCVA), corneal topography, and wavefront analysis were performed preoperatively, 30 days, and 90 days postoperatively. Pell-Robson chart test and function al acuity contrast testing were performed approximately 60 days after surgery. <b>RESULTS:</b> So far 36 eyes were included with 30 days of follow up. The preliminary results showed that total and high order wavefront aberrations (1.29 ±0.4 and 0.38±0.2 in the Acr ySof® Toric and 1.11 ±0.38 and 0.48 ± 0.18 in the AcrySof® Natural, respectively) analyzed 30 days after the surgeries were similar in both IOLs. Full results will be presented. <b>CONCLUSION:</b> The AcrySof® toric IOL seems to promote astigmatism correction without inducing more wavefront aberration than a regular spherical IOL.
Deadline: 29/10/2007	
FORMAT: Abstract should contain: Title, Name of Authors, Name of other authors (maximum 6), Purpose, Methods, Results, Conclusions, Results, Example: ARVO (1.10 x 1.70) Abstract Book	