2009 Research Days Abstract Form – Department of Ophthalmology – UNIFESP/EPM

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Beside Course Biology(B) Course Anno External Disease(C) Cornel Anno External Disease <td>Scientific Section Descriptions (two-letter code):</td> <td>Author and Co-authors: Santos, Franklin S.; Castro, André R.; Barbosa, Carolina P.; Prata, Tiago S.; Teixeira, Sérgio; Paranhos Jr., Augusto</td>	Scientific Section Descriptions (two-letter code):	Author and Co-authors: Santos, Franklin S.; Castro, André R.; Barbosa, Carolina P.; Prata, Tiago S.; Teixeira, Sérgio; Paranhos Jr., Augusto
(GL) GLAUCOMA (LA) LABORATORY(LA) LABORATORY(LA) LABORATORY(LA) LABORATORY(LA) LABORATORY(LA) LACRIMAL SYSTEM(LV) LOW VISION(NO) NEURO-OPHTHALMOLOGY(NO) NEURO-OPHTHALMOLOGY(PH) PHARMCOLOGY(PH) PHARMCOLOGY(RS) REFRACTION-CONTACT LENSES(RS) REFRACTION-CONTACT LENSES(UV) UVETIS(UV) UVETIS(UV) UVETIS(UV) UVETIS(UV) UVETIS(UV) UVETIS(US) OCULAR ULTRASOUND(DEASITIC AND AND PATHOLOGY(DEASITIC AND AND PATHOLOGY(DEASITIC AND AND PATHOL	(BE) OCULAR BIOENGINEERING (CO) CORNEA AND EXTERNAL DISEASE (CA) CATARACT (EF) ELECTROPHYSIOLOGY (EP) EPIDEMIOLOGY (EX) EXPERIMENTAL SURGERY	Purpose: To evaluate the diastolic and systolic ocular perfusion pressure (OPP) measured with Pascal tonometer and Goldmann tonometer and its relation with the severity of the glaucoma.
Deadline: Oct 12, 2009 diastolic brachial pressure and DBP = systolic brachial pressure. T severity of the glaucoma will be measured with the Spaeth DD classification. Statistic analysis will be performed with logistic regression in a generalized estimating equations approach to correct for inter e dependency. FORMAT: Abstract should contain: Title Author, Co-authors (maximum 6), Purpose, Methods, Results, Conclusion. Conclusion: In analysis Keywords: Open Angle Glaucoma, Pascal dynamic contour tonometer	(GL) GLAUCOMA (LA) LABORATORY (LS) LACRIMAL SYSTEM (LV) LOW VISION (NO) NEURO-OPHTHALMOLOGY (OR) ORBIT (PL) OCULAR PLASTIC SURGERY (PH) PHARMACOLOGY (RE) RETRINA AND VITREOUS (RS) REFRACTION-CONTACT LENSES (ST) STRABISMUS (TR) TRAUMA (TU) TUMORS AND PATHOLOGY (UV) UVEITIS (US) OCULAR ULTRASOUND	Methods: Patients were recruited from the Glaucoma sector of the UNIFESP. Tonometry was performed using the Pascal [®] dynamic contour and the Goldmann applanation tonometer. For the Pascal tonometer, the intraocular pressure (IOP) was recorded as the mean IOP (<i>m</i> IOP), mean systolic IOP (<i>s</i> IOP) and mean diastolic IOP (<i>d</i> IOP). Thereafter, patients had their systemic blood pressure measured manually by sphygmomanometer and stethoscope. The same procedure was performed in a controlled group of patients without glaucoma. Ocular perfusion pressure was calculated with the following formulas: SPP = $2/3$ SBP - <i>s</i> IOP, DPP = $2/3$ DBP - <i>d</i> IOP, MPP = $2/3$ [DBP+1/3(SBP-DBP)] - <i>m</i> IOP, where SSP = systolic ocular perfusion pressure, DDP = diastolic ocular perfusion pressure, MPP = mean ocular perfusion pressure, DBP =
FORMAT: Abstract should contain: Title Author, Co-authors (maximum 6), Purpose, Methods, Results, Conclusion. Purpose, Purpose, Purpose	Deadline: Oct 12, 2009	diastolic brachial pressure and DBP = systolic brachial pressure. The severity of the glaucoma will be measured with the Spaeth DDLS classification. Statistic analysis will be performed with logistic regression
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