ABSTRACTS

World ROP Meeting: East Meets West

Vilnius, Lithuania
September 14-16, 2006

Supported in part by: National Eye Institute, Fogarty International Center, National Institutes of Child Health & Human Development of the National Institutes of Health, USA. Also by the Bernadotte Foundation for Childrens Eye Care, Orbis, London School of Hygiene & Tropical Medicine, International Centre for Eye Health, and Danuté Kristopaityté Mallart.
Abstract: 001
Rates of Severe Retinopathy of Prematurity in Rio de Janeiro, Brazil: Findings from a 2 Year Prospective Study in 6 Governmental Neonatal Intensive Care Units
Andrea Zin
e-mail: andreazin@hotmail.com

Abstract: 002
Laura Tomazzoli, Silvia Pignatto, Erica Parolini
e-mail: laura.tomazzoli@univr.it

Abstract: 003
Retinopathy of Prematurity in South Africa: A Situation Analysis of Needs, Resources and Requirements for Screening Programs
Sara Varughese, Clare Gilbert, Clarissa Pieper, Colin Cook
e-mail: sara.varughese@gmail.com

Abstract: 004
Retinopathy of Prematurity in Infants with Extremely Low Body Weight at Birth
Elvira Saidasheva
e-mail: esaidasheva@mail.ru

Abstract: 005
Branka Stirn Kranjc, Lilijana Kornhauser Cerar, Ivan Verdenik
e-mail: branka.stirn@guest.arnes.si

Abstract: 006
The Incidence of Retinopathy of Prematurity in Beijing
Yi Chen, H Yin, JH Liang, XX Li
e-mail: chenyi888888@vip.sina.com

Abstract: 007
Ligia Beatriz Bonotto, Ana Tereza Ramos Moreira, Denise Siqueira Carvalho
e-mail: ligia@oftalmopediatria.com.br

Abstract: 008
Retinopathy of Prematurity Incidence Data in Kaunas Medicine University Hospital in 1999 – 2004
Arvydas Gelzinis, D. Kairiene, J.V. Arciuliene
e-mail: arvydas_gelzinis@yahoo.com
Screening for Retinopathy of Prematurity at Cipto Mangunkusumo Hospital, Jakarta, Indonesia - A Preliminary Report
Gitalisa Andayani Adriono, Elvioza, RS Sitorus
e-mail : gitalisa@yahoo.com

Analysis of Maternal and Neonatal Risk Factors for Retinopathy of Prematurity (ROP) in 88 Preterm Babies in a Tertiary Hospital in South India
e-mail : krmjr2000@yahoo.co.in

Frequency and Risk Factor Analysis for Retinopathy of Prematurity: A Multivariate Statistical Analysis
Mehmet Fatih Mutlu, Fatih Mehmet Mutlu, HI Altinsoy, Tarkan Mumcuoglu, H Kerimoglu, S Kilic, M Kul, Umit Sarici, F Alpay
e-mail : mfmutlu@yahoo.com

Retinopathy of Prematurity: Incidence and Risk Factors in Iran
Mohammad Riazi Esfahani, Reza Karkhaneh, Mohsen Adelpour, Mohammad-Reza Mansouri, Mahdi Nili, Maliheh Kadivar
e-mail : riazifahimi@yahoo.com

Comparison of Threshold ROP in Southern India And Southern California
Venkatapathy Narendran
e-mail: narendran@cbe.aravind.org

The Conjunctival Tissue Gas Monitor - A Method to Reduce Retinopathy of Prematurity?
Sherwin Isenberg, Irwin Weiss, Madeline Del Signore
e-mail: isenberg@ucla.edu

Retinopathy of Prematurity: A New Treatment
Susana Teixeira, Antonio Travassos, PF Pinto Ferreira, Graca Pires, Isaura Regadas, Ana Travassos, Robert Van Velze, Antonio Valido, M Ceu Machado, Helena Carreiro, Isabel Prieto
e-mail: s.t.sousa@netcabo.pt
Abstract: 016

**Retinopathy of Prematurity: Is Genetic Predisposition an Important Risk Factor?**
Przemko Kwinta, Mirosław Bik-Multanowski, Zofia Mitkowska, Tomasz Tomasik, Joanna Kobylarz, Jacek J. Pietrzyk
e-mail: kwintap@mp.pl

Abstract: 017

**High Birth Weight Premature Infants with ROP**
Praveen Kumar Valavil
e-mail: drpraveenkumarv@yahoo.com

Abstract: 018

**Aberrant Pericytes and Smooth Muscle Cells Underly Pathogenesis of Plus Disease in Retinopathy of Prematurity (ROP)**
Tailoi Chan-Ling, Tom Gardiner, Louise Baxter, Suzanne Hughes
e-mail: tailoi@anatomy.usyd.edu.au

Abstract: 019

**Insulin-like Growth Factor Binding Protein-3 Inhibits Retinopathy**
Chatarina Lofqvist, Kip Connor, Jing Chen, Christopher Aderman, J Pintar, Ann Hellstrom, Lois Smith
e-mail: chatarina.lofqvist@vgregion.se

Abstract: 020

**Relationship Between IGF-1 Levels at 32 and 34 Weeks of Gestational Age and Threshold Retinopathy of Prematurity Stage**
Maria Marta Galan, Vanina Schbibb, Jorgelina Pattin, Andrea Tournier, Gabriel Carresane, Silvina Gonzalez, Sebastian Ferrero
e-mail: digio@way.com.ar

Abstract: 021

**Multifactorial Risk Factors Environment for Retinopathy of Prematurity**
Nijole Drazdiene, Rasa Bagdoniene, Rasa Sirtautiene, Nijole Vezbergiene, Viktorija Sliesoraitiene, Ieva Sliesoraityte
e-mail: nijole.drazdiene@vmul.vu.lt

Abstract: 022

**Evaluation of Foveal Morphology and Thickness Using Optical Coherence Tomography in Children Treated for Retinopathy of Prematurity**
Gina Tsanaktsidis, Wilhelm Schulenburg
e-mail: edschulenburg@blueyonder.co.uk

Abstract: 023

**Severe ROP After Maternal Use of ACE Inhibitors During Pregnancy - A Case Report**
Anna-Lena Hard, Aimon Niklasson, Ann Hellstrom
e-mail: annalena.hard@oft.gu.se
Abstract: 024
**Has ROP Antenatal Risk Factors?**
Rasa Siraultiene, Rasa Bagdoniene
e-mail: rsirtautiene@walla.com

Abstract: 025
**The Effect of Anemia on the Development and Prognosis of Retinopathy of Prematurity**
Grzegorz Pojda
e-mail: jan_pojda@op.pl

Abstract: 026
**ROP and Carbon Dioxide Tension**
Parisa Mohagheghi
e-mail: pmohagh@yahoo.com

Abstract: 027
**Advanced SpO2 Alarm and Monitoring System for Better Oxygen Therapy in Neonatology**
Anne Van der Eijk, Jenny Dankelman, Sander Schutte, Bert Smit, Huib Simonsz
e-mail: A.C.vanderEijk@gmail.com

Abstract: 028
**Impact of Retinopathy of Prematurity Screening Examination on Cardio-Respiratory Indices: A Comparison of Indirect Ophthalmoscopy and Retcam Imaging**
Patrick Watts, Achyut Mukherjee, Dawn Roberts, Hasan Al-Madfai
e-mail: patrickowatts@yahoo.co.uk

Abstract: 029
**Telemedicine Screening for Retinopathy of Prematurity (ROP) in Developing Countries Using Digital Retinal Images**
Alison Skalet, Luz Gordillo, Luz Dodobara, Graham Quinn, Ken Cocker, Alistair Fielder, Clare Gilbert, Anna Ells, Monte Mills, Carmen Matta, Gabriela Delgado
e-mail: patrickowatts@yahoo.co.uk

Abstract: 030
**Retinopathy of Prematurity Screening and Treatment Software (ROPSATS): A Teaching Tool for the Developing World**
Richard Gardner, Gill Adams
e-mail: richard.w.gardner@gmail.com

Abstract: 031
**Longitudinal Postnatal Weight and IGF-I Measurements Improve Prediction of ROP**
Ann Hellstrom, Anna-Lena Hard, Jon Sigurdsson, Eva Engstrom, Aimon Niklasson, Lois Smith, Eva Andersson, Chatarina Lofqvist
e-mail: ann.hellstrom@medfak.gu.se
Abstract: 032
**Accuracy and Reliability of Remote Retinopathy of Prematurity Diagnosis**
Michael Chiang, Jeremy Keenan, Justin Starren, Yunling Du, William Schiff, Gaetano Barile, Joan Li, Rose Anne Johnson, Ditte Hess, John Flynn
e-mail: chiang@dbmi.columbia.edu

Abstract: 033
**Ocular Findings in High Risk Neonates Admitted to Neonatal Intensive Care Unit**
Mohamad Elsada
e-mail: elsada@dr.com

Abstract: 034
**How Good Are the Proposed Inclusion Criteria Set by Croatian Guidelines for Retinopathy of Prematurity (ROP) Screening?**
Jelena Petrinovic Doresic, Lj Dorn, B Koprcina, M Stanojevic
e-mail: jelena.doresic@post.htnet.hr

Abstract: 035
**Retinopathy of Prematurity: The Experience of the Last Decade.**
Miguel Gomes, Teresa Pacheco, Ricardo Parreira, Nuno Lopes, Sandra Guimaraes, Pedro Meneres, Manuel Barca
e-mail: mpgomes@portugalmail.pt

Abstract: 036
**Retinopathy of Prematurity: Is It Time to Change Screening Limits in Lithuania?**
Rasa Sirtautiene, Rasa Bagdoniene
e-mail: rsirtautiene@walla.com

Abstract: 037
**ROP Does Occur in Babies with Gestational Age and Birth Weight Outside Western Screening Guidelines - Romanian Experience**
Tatiana Ciomartan, Constanta Nascutzy, Ileana Vatavu
e-mail: tatianaciomartan@yahoo.co.uk

Abstract: 038
**Implementation Impact of a Screening Program on ROP in Cali, Colombia**
Claudia Zuluaga, Guillermo Llanos, Javier Torres
e-mail: czuluaga@imbanaco.com.co

Abstract: 039
**Retinopathy of Prematurity in Costa Rica: 1982-2005**
Lihteh Wu, C Tabarez, M Arana, M Vargas
e-mail: lw65@cornell.edu
Abstract: 040  
**ROP Screening in Oman – My Experience**  
Lokesh Gupta, Chandrashekhar Nooyi, Abdulatif Al Raisi  
e-mail: drlguptajaipur@hotmail.com

Abstract: 041  
**Racial Differences in the Occurrence of Retinopathy of Prematurity in a University Hospital Level 3 Neonatal Unit in East London**  
e-mail: Lakmengher@hotmail.com

Abstract: 042  
**Retinal Vascularisation in Extreme Prematurity**  
Edmund Schulenburg  
e-mail: edschulenburg@blueyonder.co.uk

Abstract: 043  
**Fluorescein Angiographic Findings in Zone I ROP**  
Domenico Lepore, Monica Pagliara, Fernando Molle, Guglielmo D’Amico, Michela Laguardia, Carmine Angora, Antonio Baldascino, Emilio Balestrazzi  
e-mail: dlepore@rm.unicatt.it

Abstract: 044  
**Slit-Lamp Argon-Laser Photocoagulation for the Treatment of Threshold Retinopathy of Prematurity**  
Irina Trifanenkova, Alexandr Tereshchenko, Yury Belyy, Pavel Volodin, Margarita Tereshchenkova  
e-mail: nauka@eye-kaluga.com

Abstract: 045  
**Laser Photocoagulation Through a Slit-Lamp for Retinopathy of Prematurity.**  
Julio Urrets-Zavalia, Erna G. Knoll, Juan P. Venturino, Joaquin Mercado, Elizabeth Collino, Enrique Urrets-Zavalia  
e-mail: jauz@arnet.com.ar

Abstract: 046  
**Slitlamp-Delivered Laser Photocoagulation of ROP Under General and Topical Anaesthesia**  
R.M. Erica Smets, Ilze De Veuster, Katleen Plaskie, V. Saldien, B. Van Overmeire  
e-mail: erica.smets@uza.be

Abstract: 047  
**The Results of Diode Laser Treatment for Posterior Retinopathy of Prematurity**  
Elena Piozzi, Marco Mazza, Alessandra Del Longo  
e-mail: marcomazza@tin.it
Abstract: 048
**Treatment of Zone 1 Retinopathy of Prematurity (ROP): Our Experience**
Susana Teixeira, Graca Pires, F.E. Esperancinha, Antonio Travassos, Bernardo Feijoo, Sara Carrasquinho, Helena Carreiro, Isabel Prieto
e-mail: s.t.sousa@netcabo.pt

Abstract: 049
**Retinopathy of Prematurity Zone I - A Constant Challenge. Romanian Experience**
Ileana Vatavu, Constanta Nascutzy, Tatiana Ciomartan
e-mail: vatavuileana@yahoo.com

Abstract: 050
**Retinopathy of Prematurity (ROP) Screening and Treatment Experience at a Third Level Hospital in Mexico City**
Martin Flores-Aguilar, Marco De la Fuente
e-mail: martinretina@yahoo.com

Abstract: 051
**Results of Screening and Treatment of Retinopathy of Prematurity Over a 10 Year Period**
Svetla Nikolova, G.G.W. Adams, E. Kontrova, S Tsvetkova, D Draganov
e-mail: svetynik@dir.bg

Abstract: 052
**Outcomes of Diode Laser Treatment of Retinopathy of Prematurity**
Przemyslaw Pawlowski, Monika Ozieblo-Kupczyk, Regina Antosiuk, Alina Bakunowicz-Lazarczyk, Przemyslaw Pawlowski
e-mail: przem38@wp.pl

Abstract: 053
**Limited Laser Ablation for Severe Retinopathy of Prematurity**
Rand Spencer, Joel N. Leffler, Lori E. Coors
e-mail: rspencermd@mac.com

Abstract: 054
**ROP Threshold – Cryotherapy Long Term Results**
Luis Oliveira, T Pacheco, M Lume, S Guimaraes, P Meneres, M Barca
e-mail: lfao@portugalmail.com

Abstract: 055
**Re-Treatment for Active Retinopathy of Prematurity. When, Where and How.**
David Clark
e-mail: david.clark@aintree.nhs.uk
Abstract: 056
Optical Coherence Tomography in Acute Phase Retinopathy of Prematurity
C.K. Patel, Farmery Andrew, Berg Simon, Bolton Anne
e-mail: ckpatel@btinternet.com

Abstract: 057
Early Vitreous Surgery for Aggressive Posterior Retinopathy of Prematurity
Noriyuki Azuma, Kaoru Ishikawa, Yukiko Hama, Miina Hiraoka, Yumi Suzuki, Sachiko Nishina
e-mail: azuma-n@ncchd.go.jp

Abstract: 058
Anatomical Results After Early Vitrectomy for Advanced Stages of Retinopathy of Prematurity
Zsuzsa Recsan, Monika Ecsedy, Rita Szechey
e-mail: recsan@szem2.sote.hu

Abstract: 059
Vitrectomy for Stage 4 Retinal Detachment in Infants with Zone I Retinopathy of Prematurity
Andres Kychenthal, Paola Dorta
e-mail: akychenthal@entelchile.net

Abstract: 060
Lens Sparing Vitrectomy in Stage 4A or 4B Retinopathy of Prematurity: Indications and Outcome
Marco Mazza, Elena Piozzi, Alessandra Del Longo
e-mail: marcomazza@tin.it

Abstract: 061
Anatomical and Functional Outcome of Vitrectomy in Stage 4B or 5 Retinopathy of Prematurity
Florence Metge, Pascal Dureau, Nicolas Teyssot, Catherine Edelson, Francois Audren, Georges Caputo
e-mail: flometge@yahoo.fr

Abstract: 062
Long-Term Ophthalmological Outcome in Prematurely-Born Children
Gerd Holmstrom, Eva Larsson
e-mail: gerd.holmstrom@ogon.uu.se

Abstract: 063
Progress of Vision in ROP Babies – Comparison Between Treated and Untreated Babies
Nikos Kozeis, D Kokkinou, S Matiopoulou, V Soubasi, V Drossou, S Lake
e-mail: tfele@yahoo.gr
Abstract: 064
The Long-Term Functional Results in Threshold Retinopathy of Prematurity (ROP) Treated Infants: Cryotherapy Versus Laser
David Clark, A C Badden, M Denglar-Harles
e-mail: david.clark@aintree.nhs.uk

Abstract: 065
Comparison of the Results of Treatment for Retinopathy of Prematurity with Diode Laser Photocoagulation and Cryotherapy – Four Years Observation
Anna Piwowarczyk, Joanna Kobylarz, Arkadiusz Pogrzebielski, Monika Gedliczka, Agnieszka Filemonowicz - Skoczek, Bozena Romanowska - Dixon
e-mail: david.clark@aintree.nhs.uk

Abstract: 066
Anatomical and Visual Outcomes After Transpupilllary Laser Coagulation Treatment for Stage 3+ Retinopathy of Prematurity (ROP)
Martina Koch, Andrea Langmann, Anton Haas, Michaela Velikay-Parel, Bertram Vidic, Yosuf EI-Shabrawi, Friedrich Reiterer, Andreas Wedrich, Gerald Langmann
e-mail: koch.martina@gmx.at

Abstract: 067
Long-Term Visual Outcomes in Extremely Low Birth Weight Children
Rand Spencer, Anna R. O’Connor, Eileen E. Birch
e-mail: rspencermd@mac.com

Abstract: 068
Speech & Haptics Based 2-D Trainer for Enhanced Spatial Perception
Kanubhai Patel, Sanjay Vij
e-mail: kkpate17@yahoo.com

Abstract: 069
Threshold Retinopathy of Prematurity in Vilnius County: Nine Years Experience
Rasa Bagdoniene, Rasa Sirtautiene
e-mail: rbagdoniene@walla.com

Abstract: 070
Incidence and Risk Factors for Development of ROP in a Maternal and Child Centre in India
Praveen Kumar Valavil
e-mail: drpraveenkumarv@yahoo.com

Abstract: 071
Incidence of Retinopathy of Prematurity in Extreme Prematurity at the Hospital de Clínicas de Porto Alegre - Brazil
Joao Borges Fortes Filho, Gabriela Unchalo Eckert, Viviane Levy Lermann, Marlene Coelho da Costa, Cristiano Koch Barros, Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br
Abstract: 072
Does the Shape of the Demarcation Line and the Ridge in Course of Active Stage of Retinopathy of Prematurity Matter Clinical?
Jacek Ciechan
e-mail: maxus62@op.pl

Abstract: 073
Retinopathy of Prematurity in Extremely Low Birth Weight Infants: A Tokyo Multicenter Study
Miina Hiraoka
e-mail: miin.hiraoka@nifty.com

Abstract: 074
The Changes in Structure of Premature Babies with ROP for Last 10 Years
Natalya Fomina, Elvira Saidasheva
e-mail: esaidasheva@mail.ru

Abstract: 075
Racial Variations of Threshold Retinopathy of Prematurity in a Multicultural City
Jessy Choi, Lucilla Butler
e-mail: jesschoi@aol.com

Abstract: 076
Epidemiology, Course and Results of Treatment of Retinopathy of Prematurity in the Neonatology Department of University of Medical Sciences in Poznan (Poland)
Anna Gotz-Wieckowska, Alicja Sobaniec, Joanna Siwiec-Proscinska, Janusz Gadzinowski, Jaroslaw Kociecki
e-mail: anna_wieckowska@poczta.onet.pl

Abstract: 077
Epidemiology and Risk Factors for Retinopathy of Prematurity
Emmanuelle Gitteau-Lala, Samuel Majzoub, Elie Saliba, Pierre-Jean Pisella
e-mail: gitteau.lala@free.fr

Abstract: 078
Refractive Error Status in Cases of ROP Stage -2
Subhash Dadeya, Braham Gulliani
e-mail: dadeya86@hotmail.com

Abstract: 079
Extremely Low Birth Weight Infant: Case Report
Erika Maka, Laszlo Imre, Katalin Hugyecz, Andras Nobilis
e-mail: maker@szem1.sote.hu
Abstract: 080
Incidence and Risk Factors of Retinopathy of Prematurity Requiring Treatment in Infants Born Greater Than 30 Weeks’ Gestation and with a Birthweight Greater Than 1250 G
Begum Atasay, Figen Batuoglu, Omer Erdeve, Huban Atilla, Saadet Arsan
e-mail: ritasito@yahoo.com

Abstract: 081
Prevalence of ROP in Indonesia: Results from School for the Blind Studies in Java Island
Sitorus RS, Abidin MS, Lorenz B, Prihartono J
e-mail: ritasito@yahoo.com

Abstract: 082
5 Years of Retinopathy of Prematurity in Chile. Risk Factors in a Developing Country
Monica Isabel Morgues Nudman, Paola Dorta, Andres Kichental, Cecilia Reyes
e-mail: mimorgues@mi.cl

Abstract: 083
Approaches to the Classification and Diagnosis of Plus Disease
Clare Wilson, Kenneth Cocker, Simon Clay, Moseley Merrick, Edward Schulenburg, Anna Ells,
Graham Quinn, Alistair Fielder
e-mail: clarewil25@yahoo.com

Abstract: 084
Incidence of Retinopathy of Prematurity Among Singleton and Multiples at the Hospital de Clinicas de Porto Alegre - Brazil
Joao Borges Fortes Filho, Cristiano K Barros, Wolfgang William Sch Aguiar, Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br

Abstract: 085
Risk Factors for Retinopathy of Prematurity at the Hospital de Clinicas de Porto Alegre - Brazil
Joao Borges Fortes Filho, Viviane Levy Lermann, Melissa Dal Pizzol, Wolfgang William Sch Aguiar,
Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br

Abstract: 086
Low Weight Gain at 6th Week of Life as a Risk Factor for Retinopathy of Prematurity
Joao Borges Fortes Filho, Pedro Paulo Bonomo, Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br

Abstract: 087
A Proteomic Approach for Identification of Biomarkers in Amnion Associated with ROP Development
Gunnel Hellgren, Ulla Ruetschi, Chatarina Lofqvist, Ann Hellstrom, Bo Jakobsson
e-mail: gunnel.hellgren@vgregion.se
Evaluation of Blood Flow in the Arteries of the Eye in Premature Neonates and in Children with Retinopathy of Prematurity
Beata Orawiec, Anna Niwald, Miroslawa Gralek, Wojciech Hautz
e-mail: borawiec@interia.pl

Correlation Between Results of Continuous Monitoring of Hemoglobin Saturation During the First Month of Life and the Risk of Proliferative Retinopathy of Prematurity
Przemko Kwinta, Piotr Kruczek, Pawel Stoch, Wieslaw Wajs, Jacek J. Pietrzyk
e-mail: kwintap@mp.pl

Image Analysis of the Retinal Blood Vessels in Rat Models of ROP
Rony Gelman, James Akula, M. Elena Martinez-Perez, Kegao Liu, Anne Fulton
e-mail: rony.gelman@tufts.edu

Postnatal More Than Prenatal Weight Development Predicts Retinopathy of Prematurity
Jon Sigurdsson, Chatarina Lofqvist, Eva Engstrom, Anna-Lena Hard, Aimon Niklasson, Uwe Ewald, Gerd Holmstrom, Lois E.H. Smith, Ann Hellstrom
e-mail: jon.sigurdsson@vgregion.se

Fluctuation of Arterial Oxygen Level and the Development of Threshold Retinopathy of Prematurity
H. Alexander Spratt, Jonathan Barnes
e-mail: alexspratt@gmail.com

Presumptive Oxygen Induced Toxicity Presenting as Unusual Form of Zone 1 Aggressive Posterior Retinopathy of Prematurity in Bigger Preterm Infants. Is It Screening Guidelines or Is It Oxygen Management That Needs to Be Modified in Developing Countries?
Parag Shah, Venkatapathy Narendran, Thomas Lee
e-mail: drshahpk@vsnl.net

Results of Retinopathy of Prematurity Treatment with Diode Laser Photocoagulation
Wojciech Hautz, Miroslawa Gralek, Anna Niwald, Beata Orawiec, Anna Dobrzanska
e-mail: wojhautz@wp.pl

Neonatologists and the Management of Retinopathy of Prematurity (ROP)
Kristen Hartley, Audina Berrocal, Magaly Diaz-Barbosa
e-mail: khartley@med.miami.edu
Abstract: 096
**Endophthalmitis in the Newborn**
Kristen Hartley, Audina Berrocal, Ditte Hess, Magaly Diaz-Barbosa
e-mail: khartley@med.miami.edu

Abstract: 097
**Results of a Screening Program for Retinopathy of Prematurity from October 2002 to April 2006 at the Hospital de Clínicas de Porto Alegre - Brazil**
Joao Borges Fortes Filho, Marlene Coelho da Costa, Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br

Abstract: 098
**Assessment of Visual Function in ROP Babies With and Without Brain Damage**
Nikos Kozeis, A. Felekidis, S Lake
e-mail: tfiele@yahoo.gr

Abstract: 099
**Does Observer Bias Contribute to Variations in the Rate of Retinopathy of Prematurity Between Centres?**
Brian Darlow, Deborah Donoghue, David Henderson-Smart
e-mail: brian.darlow@chmeds.ac.nz

Abstract: 100
**Incidence and Risk Factors for Retinopathy of Prematurity (ROP) Among Premature Singleton and Twin Population from South India**
Anjli Hussain, Inderjeet Kaur, Priya Govindaswamy, Subhadra Jalali, Praveen K Nirmalan, Ravi Thomas
e-mail: anjli@lvpei.org

Abstract: 101
**A Systematic Review of UK Screening Criteria for Retinopathy of Prematurity**
Karen Head, Linda Haines, Andrew Wilkinson, Alistair Fielder
e-mail: karen.head@rcpch.ac.uk

Abstract: 102
**Serum IGF-I Concentration in Preterm Infants May Predict an Increased Risk of ROP**
Regina Cavalcante da Silva, Ann Hellstrom, Ana Moreira, Monica Cat, Mitsuru Miyaki, Chatarina Lofqvist, Margaret Boguszewski
e-mail: margabogus@bol.com.br

Abstract: 103
**Retinopathy of Prematurity Screening - A 9 Year Retrospective Study in Hospital Fernando Fonseca, Portuagal**
Graca Pires
e-mail: gpires@net.sapo.pt
Abstract: 104
**IT-Based Methods for ROP Screening**
Clemens Jurgens, Rico Grossjohann, Frank Tost
e-mail: juergens@uni-greifswald.de

Abstract: 105
**The Model of Screening and Treatment of ROP in Serbia**
Ana Oros
e-mail: annaoros03@yahoo.com

Abstract: 106
**The Screening of the Retinopathy of Prematurity in the Ophthalmological Clinic from Cluj-Napoca**
Simona Talu, Claudia Stefanut, Gabriela Zaharie, Cristina Vladutiu
e-mail: simonatalu@yahoo.com

Abstract: 107
**Treatment of the Retinopathy of Prematurity with Transpupillary Diode Laser Photocoagulation in Very Low Birth Weight Infants at the Hospital de Clinicas de Porto Alegre - Brazil**
Joao Borges Fortes Filho, Leticia Procianoy, Gabriela Unchalo Eckert, Caio Augusto Scocco, Melissa Dal Pizzol, Tiago Lansini, Renato S Procianoy
e-mail: jbfortes@cursohbo.com.br

Abstract: 108
**Results of Treatment of Active Stage of Retinopathy of Prematurity with Diode Laser Photocoagulation in Local Anaesthesia**
Jacek Ciechan, Anna Matysik, Marek Gerkowicz
e-mail: maxus62@op.pl

Abstract: 109
**ROP 1 Zone: Clinical Feature and Laser Treatment**
Marco Mazza, Caterina Pisano, Elena Piozzi
e-mail: marcomazza@tin.it

Abstract: 110
**Safety and Efficacy of Local Anaesthesia for Laser Treatment of ROP**
C.K. Patel, Parulekar Manoj
e-mail: ckpatel@btinternet.com

Abstract: 111
**Outcome of Zone 1 Retinopathy of Prematurity**
Aylin Yaman, A. Tulin Berk, Nilufer Kocak, Suleyman Kaynak
e-mail: aylinyaman@hotmail.com
Abstract: 112

**Early Lens-Sparing Vitrectomy for Aggressive Posterior Retinopathy of Prematurity**
Tommaso Micelli Ferrari, Vincenzo Lorusso, Luigi Sborgia, Claudio Furino, Rosanna Dammacco, Gianluca Besozzi
e-mail: gianlucabesozzi@libero.it

Abstract: 113

**Treatment Outcomes of Retinopathy of Prematurity at a Tertiary Level Hospital in Turkey**
Halil Ibrahim Altinsoy, Fatih Mehmet Mutlu, Tarkan Mumcuoglu, Hurkan Kerimoglu, Selim Kilic, Mustafa Kul, Umit Sarici, Faruk Alpay
e-mail: hialtinsoy@yahoo.com

Abstract: 114

**A Safe Anaesthetic Technique for Administration of Diode Laser Photocoagulation for Retinopathy of Prematurity (ROP)**
Concepcion Ferrer Novella, Inmaculada Gonzalez Viejo, Francesca Mayoral, Mariano Dieste, Jesus Oro, Luis Portero
e-mail: cferrer@salud.aragon.es

Abstract: 115

**Retinopathy of Prematurity. Consequences and Controversies of ETROP**
Susana Teixeira, Graca Pires, F.E. Esperancinha, Filomena Silva, Isabel Prieto, Helena Carreiro
e-mail: s.t.sousa@netcabo.pt

Abstract: 116

**Intravitreal Bevacizumab (Avastin) Added to Conventional Therapy for Threshold ROP**
Mohammad Riazi Esfahani, Reza Karkhaneh, Ramak Roohipour, Morteza Movasat
e-mail: riazifahimi@yahoo.com

Abstract: 117

**Clinical Significance of Tunica Vasculosa Lentis in the Outcome of Threshold Retinopathy of Prematurity**
Rasa Bagdoniene, Rasa Sirtautiene
e-mail: rbagdoniene@walla.com

Abstract: 118

**Refractive Outcome After Modified Treatment for ROP**
Loreta Sveikauskiene, Egle Danieliene, Rasa Bagdoniene, Rasa Sirtautiene
e-mail: rsirtautiene@walla.com

Abstract: 119

**Regressed Aspects of Natural Evolution of the Retinopathy of Prematurity**
Joao Borges Fortes Filho, Gabriela Unchalo Eckert, Caio Augusto Scocco, Cristiano Koch Barros
e-mail: jbfortes@cursohbo.com.br
Abstract: 120
Incidence of Refractive Errors, Strabismus and Retinal Changes at Six Months of Age Among Infants Screened for Retinopathy of Prematurity in the Hospital de Clinicas de Porto Alegre - Brazil
Joao Borges Fortes Filho, Leticia Procianoy, Carlos Henrique Muniz, Gabriela Unchalo Eckert
e-mail: jbfortes@cursohbo.com.br

Abstract: 121
Retinal Detachment as a Late Complication of Retinopathy of Prematurity – Case Report
Monika Schvoller, Zsuzsanna Szijarto, Valeria Gaal, Judit Gaal
e-mail: schvollerma@yahoo.com

Abstract: 122
Visual Functions in Premature Children in Schoolage
Dana Lilakova, Dagmar Hejcmanova, Jana Maresova
e-mail: lilakovad@lfhk.cuni.cz

Abstract: 123
The Long Term Ophthalmic Outcome in Singletons and Twins
Anna O’Connor, Alistair Fielder
e-mail: annaoc@liv.ac.uk

Abstract: 124
Anatomical and Functional Outcome After Early Cryotherapy in ROP
Nikos Kozeis, E. Koulali, T. Pouliou, S. Lake, V. Drossou
e-mail: tfele@yahoo.gr

Abstract: 125
The VFA-K Test in Visual Assessment of ROP Babies
Nikos Kozeis, A. Felekidis, S. Kailari, V. Soubasi, S. Lake
e-mail: tfele@yahoo.gr

Abstract: 126
Long Term Macular Changes Reported with OCT in Formerly Preterm Children
Zsuza Recsan, Balazs Varsanyi, Laszlo Zubovics, Monika Ecsedy
e-mail: recsan@szem2.sote.hu

Abstract: 127
Occurrence of Retinopathy of Prematurity in a Level 3 University Hospital Neonatal Unit in East London: A Case Series
e-mail: iansubak@aol.com
Abstract: 128
Results of Cryotherapy and Laser Photocoagulation for the Treatment of Retinopathy of Prematurity
Liudmila Katargina, Liudmila Kogoleva, Khvatova, Ekaterina Denisova
e-mail: info@igb.ru

Abstract: 129
The Late Visual Fields, Electoretinograms and Peripheral Retinal Changes in Patients with Cicatrical ROP
Liudmila Kogoleva, Liudmila Katargina
E-mail: info@igb.ru