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- **995 Ultrastructural findings in the primate eye after intravitreal injection of bevacizumab.** *Swaantje Peters, Peter Heiduschka, Sylvie Julien, Focke Ziemssen, Heike Fietz, Karl Ulrich Bartz-Schmidt, the Tübingen Bevacizumab Study Group, and Ulrich Schraermeyer*

A significant loss of choriocapillaris endothelial cell fenestrations is present as early as 24 hours after intravitreal injection of bevacizumab in the primate eye and gets even more pronounced up to day four. This finding may partly explain the rapid clinical success of bevacizumab in the treatment of macular edema. On day 14 after injection its effect in closing endothelial cell fenestrations diminishes again. Furthermore, our study provides indication of choriocapillaris perfusion disturbances after intravitreal bevacizumab.

- **1003 Multifocal posterior necrotizing retinitis.** *Ron Margolis, Oswaldo Ferreira Moura Brasil, Careen Y. Lowder, Scott D. Smith, Darius M. Moshfeghi, Jonathan E. Sears, and Peter K. Kaiser*

This study describes the clinical features and outcomes of a pattern of herpetic retinitis characterized by multiple necrotizing lesions in the posterior pole and severe vitritis. Compared with the acute retinal necrosis (ARN) syndrome, multifocal posterior necrotizing retinitis (MPNR) may have a worse visual prognosis and an increased rate of retinal detachment.

- **1009 Effectiveness of the gold weight trial procedure in predicting the ideal weight for lid loading in facial palsy: a prospective study.** *Ekta Aggarwal, Milind N. Naik, and Santosh G. Honavar*

This study prospectively evaluated the effectiveness of the gold weight trial procedure in predicting postoperative eyelid closure after lid loading in facial palsy. A 30% undercorrection was noted with the selected criteria that defined an ideal gold weight. The undercorrection was common in patients with lagophthalmos of more than 8

mm. This study represents the first attempt to prospectively assess the reliability of the gold weight trial procedure based on a defined set of criteria.

- **1013 Severity of visual field loss and health-related quality of life.** *Roberta McKean-Cowdin, Rohit Varma, Joanne Wu, Ron D. Hays, Stanley P. Azen, and the Los Angeles Latino Eye Study Group*

The association between severity of visual field loss (VFL) and health-related quality of life (HRQOL) was examined in the Los Angeles Latino Eye Study. Mean deviation was used to determine severity of VFL. HRQOL was assessed by the Medical Outcomes Study 12-item Short-Form (SF-12) Health Survey and the National Eye Institute Visual Function Questionnaire (NEI-VFQ-25). Four- to 5-decibels [dB] differences in VFL were associated with five-point differences in HRQOL. Management of VFL may be important in preventing or reducing loss of HRQOL.

BRIEF REPORTS

- **1024 Retinal vascular caliber, diabetes, and retinopathy.** *Annette Kifley, Jie Jin Wang, Sudha Cugati, Tien Y. Wong, and Paul Mitchell*

- **1026 Alcohol consumption and the 15-year cumulative incidence of age-related macular degeneration.** *Michael D. Knudtson, Ronald Klein, and Barbara E. K. Klein*

- **1030 Quantitative analysis of retinal vessel diameter reduction after photocoagulation treatment for retinopathy of prematurity.** *Keegan S. Johnson, Monte D. Mills, Karen A. Karp, and Juan E. Grunwald*

- **1032 The prognostic influence of chronicity of rhegmatogenous retinal detachment on anatomic success after reattachment surgery.** *Mark James, Maeve O'Doherty, and Stephen Beatty*