

*OPTOMETRY AND VISION SCIENCE, 68: 666-669, 1991*

## **Measurement of Visual Acuity with Logarithmic Charts: Comparison Between Methods of Threshold Estimation**

**Júlia Tomoko Sakuma, José Aparecido da Silva, Antônio Augusto Velasco e Cruz**

The variability of the repetition of visual acuity measurements with a log MAR acuity chart with five optotypes in each row of acuity was studied in four groups of subjects. In three groups the threshold was calculated by probability of seeing curves, but the optotypes were read in different orders. For the fourth group the acuity was taken as the

smallest row discriminated. Estimating the threshold by a probability of seeing curve did not improve the threshold's stability. Poorer acuity was detected when the optotypes were read vertically. It is suggested that clinical visual acuity charts are not suitable tools for generating data points to be fitted by probability of seeing curves.

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*OPTOMETRY AND VISION SCIENCE, 68: 819-820, 1991*

## **Inhibition of Binocular Contrast Sensitivity in Hypermetropic Anisometropia**

**Antonio A. V. Cruz, Joseph Bauer, Richard Held**

Binocular contrast inhibition can occur when the monocular contrast sensitivities are not equal. It has been reported in cases of monocular cataracts. Our case is an 18-year-

old female with 3.50 D of hypermetropic anisometropia. She was not amblyopic but showed a typical binocular contrast inhibition.

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*OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY 7(4): 269-272, 1991*

## **Surgical Correction of Trachoma-Related Upper Eyelid Cicatricial Entropion Utilizing the Barbera-Carre Technique**

**A. A. V. Cruz, I. Moribe, J. T. Sakuma, and J. M. R. Neto**

Upper eyelid cicatricial entropion is commonly encountered as a sequela of inflammatory conditions. The surgical correction of this defect is often difficult and frequently unsuccessful. We have used the Barbera-Carre technique

with good results in 20 patients with cicatricial entropion due to trachoma. We take this opportunity to present the surgical technique and our results.

*JOURNAL OF VISUAL IMPAIRMENT & BLINDNESS, JANUARY 1992*

## **Low Vision Services Around the World Brazil: Observation Lunettes S. Veitzman, E. Oga**

This section reports on the development of low vision services internationally.

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*AMERICAN JOURNAL OF OPHTHALMOLOGY 113:1-7, JANUARY, 1992*

## **Retinal Toxicity in Human Immunodeficiency Virus-infected Children Treated With 2',3'-Dideoxyinosine**

**Scott M. Whitcup, MD, Karina M. Butler, MB, Rafael Caruso, MD,  
Marc D. de Smet, MD, Benjamin Rubin, MD, Robert N. Husson, MD,  
Juan S. Lopez, MD, Rubens Belfort, Jr., MD, Philip A. Pizzo, MD,  
and Robert B. Nussenblatt, MD**

To assess the safety and antiretroviral activity of 2', 3'-dideoxyinosine, we enrolled 43 children with symptomatic (Centers for Disease Control class P-2) human immunodeficiency virus infection in a Phase I-II study and monitored them prospectively for the development of ocular complications secondary to HIV infection or drug toxicity. Follow-up ranged from 12 to 103 weeks with a median follow-up of 71 weeks. Three of 43 children (7,0%) deve-

loped peripheral atrophy of the retinal pigment epithelium during treatment with 2', 3'-dideoxyinosine. The two children with the most severe retinal atrophy were enrolled in the study at the highest dosage studied (540 mg/m<sup>2</sup>/day). In contrast to findings in children, no retinal atrophy in HIV-infected adults treated with 2', 3'-dideoxyinosine has been evident to date.

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*DEV OPHTHALMOL. BASEL, KARGER, 1992, VOL 23, PP 171-176*

## **Cytotoxic Drugs in Intermediate Uveitis**

**Rubens Belfort, Jr., Mariza Toledo de Abreu, Ana Maria Petrilli,  
Myung K. Kim, Maria Cristina Martins, Cláudio Lottemberg,  
Renato A. Neves, Carlos Eduardo Pavésio**

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AN. INST. BARRAQUER (BARC.), 21: 177-190 (1990)

## Vitreorretinopatia Proliferativa Fisiopatología. Elementos Celulares y Extracelulares

Ricardo Pedro Casaroli Marano

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ANN OPHTHALMOL 1991; 23:167-172

## Ocular Findings Associated With Congenital X-Linked Ichthyosis

Ricardo Pedro Casaroli Marano, MD, Manrique A. Ortiz Stradtman, MD,  
Mercedes Uxo, MD, and Emilio Iglesias, MD

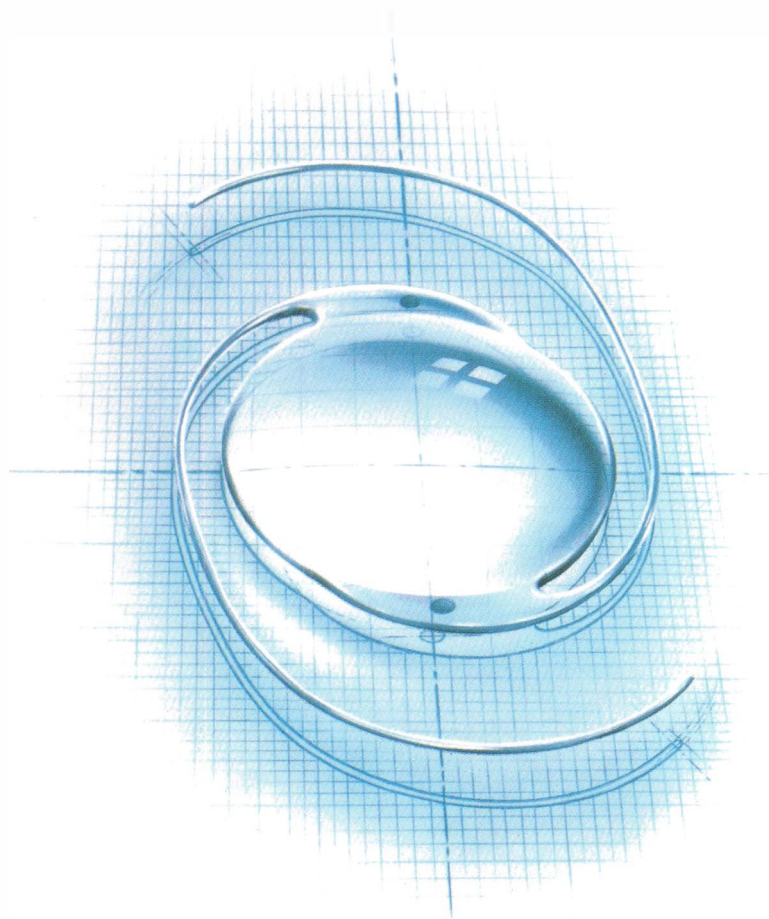
Ichthyosis is frequently associated with ocular and extraocular signs. We present a case of X-linked ichthyosis associated with alterations of the anterior and posterior segments. A penetrating keratoplasty was done, and because

of the patient's corneal alterations, we did a histopathologic study of the button by light and transmission electron microscopy.

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