

# The Journal of Ophthalmic Photography

VOLUME 24 • NUMBER 1 • SPRING 2002



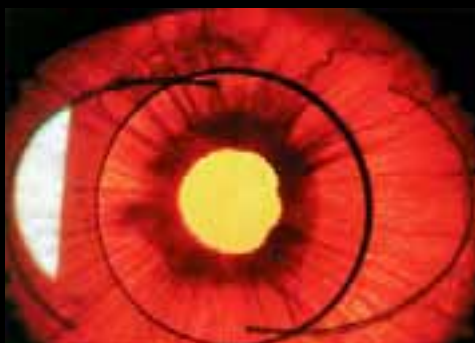
## **2001 SCIENTIFIC EXHIBIT BEST OF SHOW, PRINT**

### **Slit Lamp Photography**

*Visible IOL Through Transparent  
Iris of an Albino*

Dennis Cain, CRA

The Wilmer Eye Institute



## **2001 SCIENTIFIC EXHIBIT BEST OF SHOW, STEREO SLIDES**

### **Gross Specimen Photography**

*Choroidal Melanoma*

Marcela Hickey, CRA

University of Mississippi

# The Journal of Ophthalmic Photography

Volume 24 Number 1

Spring 2002

## 2001 Scientific Exhibit Winners: page 20

See the first and second place Print and Stereo Slide Division winners. Third place and honorable mention are also listed.



Rhonda S. Curtis, CRA, FOPS



Stephen Travers, CRA

### ORIGINAL ARTICLES

**Optical Coherence Tomography;  
An Introduction to Vitreoretinal Applications** ..... 8  
Gregory C. Hoffmeyer, BFA, CPT

**Determination of the Retinal Nerve Fibre Layer Thickness  
by Optical Coherence Tomography** ..... 16  
Carolina Acuna G., Maria Eugenia Salazar de P., MD, Wen-Ying Wu, MD  
Translation by Seth William Beale

**Dye Staining of the Retinal Internal Limiting Membrane (ILM)  
in Macular Hole Surgery** ..... 32  
Dara J. Kilmartin, Chris Barry, Ian L. McAllister

**The Usefulness of Fundus Photography with Red Light  
for the Diagnosis of Central Serous Chorioretinopathy** ..... 36  
Katsuhiko Fukui, MT, Akitoshi Yoshida, MD, PhD,  
Yuji Kato, MD, PhD, Hiromasa Igarashi, MD, PhD

### 2001 OPS ANNUAL MEETING

**Scientific Exhibit Winners: Print and Stereo Slides** ..... 20

**Scientific Session Abstracts** ..... 31

### STUDENT SPOTLIGHT

**Student Portfolio** ..... 40  
Jessica Dougall

### BOOK REVIEW

**Ophthalmic Photography: Retinal Photography, Angiography and  
Electronic Imaging (Second Edition) by PJ Saine and ME Tyler** ..... 42  
Chris Barry

### FEATURES

EDITORIAL ..... 4

CALENDAR ..... 39

PHOTO QUIZ ..... 41

INSTRUCTIONS TO AUTHORS ..... 43

### INDEX TO ADVERTISERS

Angiographics Photo Supply ..... 44

Bardes Products, Inc. .... 18

Escalon Medical Imaging ..... 45

Haag Streit ..... 35

Justice Digital Ophthalmics ..... 19

MRP Group ..... 46

Ophthalmic Imaging Systems ..... 2

Topcon America Corp. .... 48

Twin Chimney Publishing. .... 34

Zeiss Imaging Systems ..... 47

## BOOK REVIEW



Chris Barry

*Lions Eye Institute  
Centre for Ophthalmology and Visual Science  
2 Verdun St  
Perth 6009  
Western Australia*

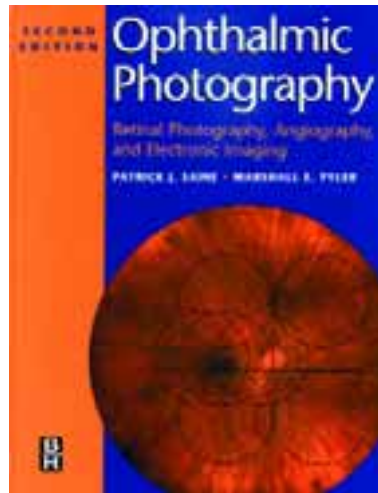
# Ophthalmic Photography: Retinal Photography, Angiography and Electronic Imaging (Second Edition)

*Saine PJ, Tyler ME  
Butterworth Heinemann, Boston  
ISBN 0-7506-7372-9  
US \$150  
Hardback 398 pages*

I had the pleasure of reviewing the first edition of this book back in 1997.<sup>1</sup> Much has changed in the ophthalmic photography world during those four years. These changes should have reduced the skill level required by photographers, however, the opposite appears to be true. Photographers now need constant upgrades to their training and skill base in both technology and computer knowledge and increasingly complex "digital tools". On top of this, the time-honoured principles of ophthalmic photography remain relevant for our ability to maximise the diagnostic information available to the clinician from retinal imaging and angiography.

This second edition has kept the chapters on basic imaging techniques and added further information relevant to both the novice and experienced photographer alike. The textbook has chapters on the history of retinal imaging, fundus photography, stereo fundus photography, fluorescein and indocyanine green angiographies along with fluorescein angiography descriptive interpretation. The authors have added an extensive amount of information in this new edition. The first edition contained 334 pages and the second edition now has 398. Besides a significant update of information in each chapter, they have added images and upgraded many images to color (example: old Chapter 2 had 67 figures, now has 85).

We have used the previous text when students were in our practice and they have gleaned most of the relevant information necessary to begin their career from



these texts; a true test of the descriptive and illustrative quality of the book. Previously, my one criticism of the book was the lack of detailed information on digital imaging. In this second edition, the chapter on digital imaging has been completely re-written and includes all the relevant and necessary information available to date.

Readers will undoubtedly benefit from the information resources and descriptive skills of the authors and their ability to convey complex technical tasks in an easily assimilated form. In summary, this reference textbook should certainly be a staple text for both students and advanced profes-

sionals. This book can definitely be recommended for its in-depth information and its readable style with profuse, relevant, high quality illustrations. I sincerely hope that the Authors also consider a companion volume including external eye, slit lamp biomicroscopy, videography and OR imaging, completing the skills required for the well-rounded ophthalmic photographer and physician alike.

As outlined in the preface: "The profession of ophthalmic photography is a collaborative blend of art and science. This book is designed to help you use photographic expertise in the pursuit of quality ophthalmic health care". I believe that Pat, Marshall and co-authors have achieved their goal and this text will be the standard textbook for ophthalmic photography by which all others are measured for years to come.

For more information on the book, with chapter samples, check out the author's web site at <http://TwinChimney.com>.

### REFERENCE

1. *Network-Journal of Biomedical Imaging* 1997 3:2:9