

BOOK REVIEW



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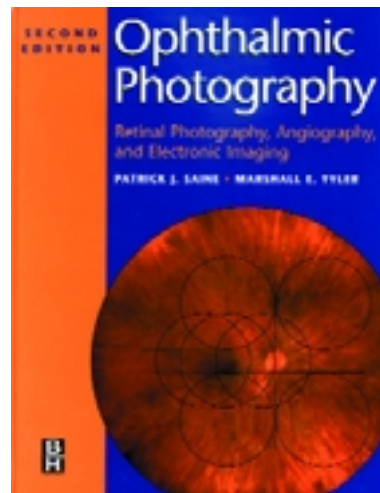
Ophthalmic Photography: Retinal Photography, Angiography and Electronic Imaging (Second Edition)

*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 1997.¹ 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

Ophthalmic Photography: Retinal photography, Angiography, and Electronic Imaging. Article in Archivos de la Sociedad Espanola de Oftalmologia 79(2):97-98 Â February 2004 with 5 Reads. How we measure 'reads'.Â We describe methods for maintaining, in real-time, registration with anatomical features and target areas using image processing. This registration allows us to produce information enhanced displays that ensure that the retinal surgeon is always in visual contact with his/her area of interest. View. Statistics from Altmetric.com. Ophthalmic Photographyâ€”a Textbook of Retinal Photography, Angiography, and Electronic Imaging. By Patrick J Saine, Marshall E Tyler. Pp 334. Â£87.50. Oxford: Butterworth-Heinemann, 1996.Â Ophthalmic photography is an important and highly skilled profession and this is very much a practical guide to the techniques involved in obtaining consistently informative, high quality images. It is clearly aimed squarely at the retinal photographer, containing detailed descriptions of the techniques of both fundus photography and fluorescein angiography whether performed using conventional photographic or digital imaging techniques. It is well written, amply illustrated, and contains a wealth of detailed practical information.