

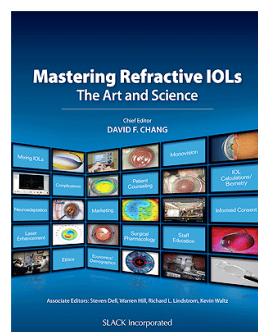


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# Mastering Refractive IOLs: The Art and Science

David F. Chang, MD



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## Product Description

The availability of new presbyopia-correcting and toric IOLs along with the CMS ruling allowing Medicare patients to pay a premium to upgrade to them, has dramatically and permanently altered clinical practice for every cataract and refractive surgeon.

Facing the challenge of educating patients about these options, as well as managing and meeting their expectations, today's clinicians more than ever need to share knowledge, experience, and advice with their ophthalmic colleagues.

Dr. David F. Chang and his associate editors, Drs. Steven Dell, Warren Hill, Richard L. Lindstrom, and Kevin Waltz, have assembled a "Who's Who" team of more than 200 refractive IOL experts to create **Mastering Refractive IOLs: The Art and Science**, a must-have book and reference for all cataract and refractive surgeons—whether you are already implanting a high volume of refractive IOLs or just starting to offer them.

The IOL technical specifications, the clinical data, and the necessary clinical and surgical skills comprise the *scientific* foundation for achieving a "premium" refractive outcome. To consistently achieve patient satisfaction, however, requires mastering the *art* of patient and IOL selection, communicating and counseling effectively, and providing a "premium" patient experience.

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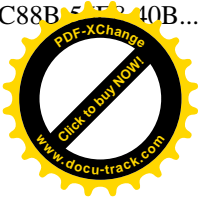
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This is a nontraditional book in which multiple experts are separately invited to discuss controversial subjects in a reader-friendly format. There is balanced coverage of all of the available refractive IOLs, as well as those that may become available in the near future. A major emphasis is placed on avoiding and managing complications or potentially dissatisfied patients.

**Mastering Refractive IOLs: The Art and Science** has more than 200 chapters that are organized into 14 major sections, over 750 images, 100 tables, and 11 sidebars that cover every aspect of refractive IOL clinical practice.

#### Major sections include:

- Why Offer Premium IOLs
- Transitioning to Presbyopia-Correcting IOLs
- Transitioning to Presbyopia-Correcting IOLs: Quick Start guides
- Presbyopia-Correcting IOLs today
- Presbyopia-Correcting IOLs in the future
- Refractive IOLs—Quality of Vision
- Patient Selection & Education
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- Managing Astigmatism
- Premium Cataract Surgery
- Refractive Lens Exchange
- Enhancements
- Complications—Avoidance and Management

**Mastering Refractive IOLs: The Art and Science** is the most comprehensive educational resource addressing the most demanding and rapidly evolving area in cataract and refractive surgery today and the first book to cover both the clinical and nonclinical aspects of offering refractive IOL services.

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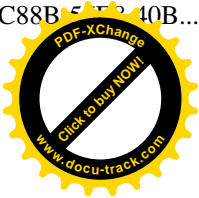
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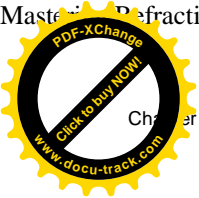
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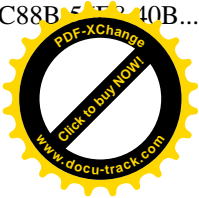
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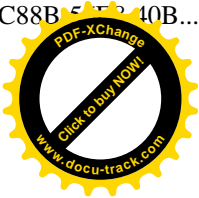
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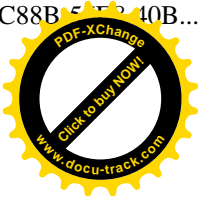
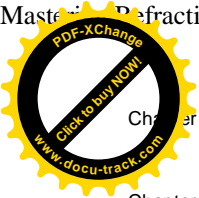


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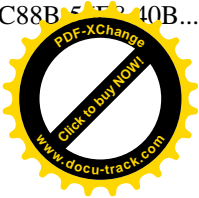


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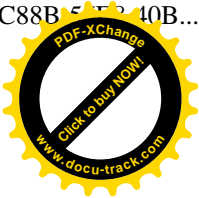
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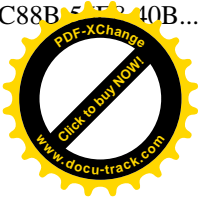
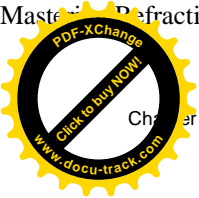
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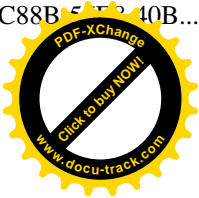
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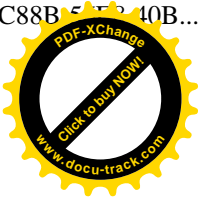
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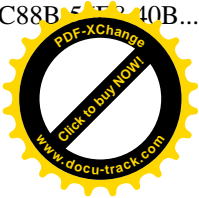
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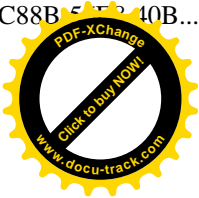
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## Reviews

"The book *Mastering Refractive IOLs: The Art and Science* edited by Dr. David F. Chang provides a comprehensive review of the subject. The most interesting chapter in this section (Section II) is on the subject of residency training. Program chairs and residency directors will find this chapter very useful. The technology review in this section (Section V) is fascinating, and the photos are excellent. This section (Section VI) is a must read for any physician who plans to implant presbyopia-correcting or accommodative IOLs. Overall, this is an excellent text. Many of the chapters can be used as teaching tools for residents and fellows, and it is also an excellent reference for the office."

— Vahid Feiz, *Department of Ophthalmology & Vision Science, Uni. Of California, Davis, CA, Cornea*

"Dr. Chang and his associate editors, Dr. Steven J. Dell, Dr. Warren E. Hill, Dr. Richard L. Lindstrom, and Dr. Kevin L. Waltz, present a comprehensive text, designed for surgeons wanting guidance from experts in making presbyopia-correcting IOLs part of their practice. This is one of the most thoroughly referenced texts to be published on the science, and the art, of vision correction with IOLs. It is truly a classic. I encourage any serious practitioner of refractive eye surgery to read this book to gain solid instruction in the use of presbyopia-correcting IOLs."

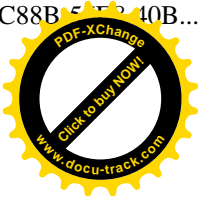
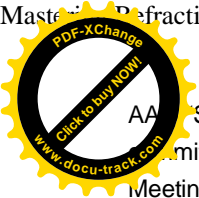
— Spencer P. Thornton, MD, FACS

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## About the Editor

David F. Chang, MD is a Summa Cum Laude graduate of Harvard College and earned his MD at Harvard Medical School. He completed his ophthalmology residency at the University of California, San Francisco (UCSF) where he is now a clinical professor. Dr. Chang is Chairman of the American Academy of Ophthalmology (AAO) Annual Meeting Program Committee, having previously chaired the Cataract Program Subcommittee. He organized and was the program cochair for the first 7



AAO "Spotlight on Cataracts" Symposia. He is also on the program committees for the ASCRS Annual Meeting and the OSN Hawaiian Eye Meeting.

He has been selected to deliver the following named lectures: Transamerica Lecture (UCSF), Williams Lecture (UCSF), Wolfe Lecture (University of Iowa), DeVoe Lecture (Columbia-Harkness), Gettes Lecture (Wills Eye Hospital), Helen Keller Lecture (University of Alabama), Kayes Lecture (University of Washington, St. Louis), Thorpe Lecture (Pittsburgh Ophthalmology Society), Schutz Lecture (New York University Medical Center), Wallace-Evan Lecture (Casey Eye, Oregon), Proctor Lecture (UCSF/Proctor Foundation), and the keynote address at the Chinese American Ophthalmological Society's 20th anniversary meeting. He is a 3-time AAO Secretariat Award recipient (2003, 2006, 2007). He was the inaugural recipient of the UCSF Department of Ophthalmology's Distinguished Alumni Award (2005) and in 2006 became only the third ophthalmologist to ever receive the Charlotte Baer Award honoring the outstanding clinical faculty member at the UCSF Medical School. He was the third recipient of the Strampelli Medal from the Italian Ophthalmological Society (2007).

Dr. Chang is chairman of the AAO Practicing Ophthalmologists' Curriculum Panel for Cataract and Anterior Segment, which developed the American Board of Ophthalmology knowledge base for the MOC examination. He is also on the AAO Cataract Preferred Practice Pattern Panel and the AAO Revitalization Study Group. Dr. Chang is chair of the ASCRS Cataract Clinical Committee and is a member of the ASCRS Eye Surgery Education Council Presbyopia Task Force. He is on the Board of Directors for the Pan American Association of Ophthalmology. He is on the scientific advisory board for the UCSF Collaborative Vision Research Group, American Medical Optics, Allergan ATLAS, Calhoun Vision, Medennium, Peak Surgical, and Visiogen, and is the medical monitor for the Visiogen Synchrony accommodating IOL FDA monitored trial. He is cochief medical editor for *Cataract and Refractive Surgery Today* and developed the *CRSToday Virtual Textbook of Cataract Surgery*. He is the cataract editor for 2 online educational sites: the AAO's "Specialty Clinical Updates" and the *Ocular Surgery News*' "Ophthalmic Hyperguides." He is an associate editor for the 3rd edition of *Cataract Surgery* (Elsevier 2008, Roger F. Steinert, editor). He was the chief editor for *Curbside Consultation in Cataract Surgery* (SLACK Incorporated, 2007), the series editor for the 7 SLACK Incorporated Curbside Consultation in Ophthalmology textbooks, and the principal author of *Phaco Chop* (SLACK Incorporated, 2004), which was the first ophthalmic textbook with a paired DVD featuring instructional surgical video. Finally, his coauthored 2005 report on IFIS and tamsulosin is one of the 5 most cited papers from the *Journal of Cataract and Refractive Surgery* (Source: Editorial, *JCRS* 1/08).

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