

Mastering Refractive IOLs: The Art and Science

Edited by David F. Chang. Thorofare, NJ: Slack Incorporated; 2008. 915 pages, with index.

As clear lens extraction and premium intraocular lens implantation gain increasing acceptance by practicing surgeons, understanding the basic concepts of this refractive lens surgery becomes more important. The book *Mastering Refractive IOLs: The Art and Science* edited by Dr David F. Chang provides a comprehensive review of the subject.

The book is divided into 13 sections. Section I is primarily devoted to the history of the premium intraocular lens, including economics and marketing.

Section II includes a thorough review of the steps that need to be taken for

transitioning into the use of premium IOLs and choices of IOLs. As in section I, there is not a lot of medical material but a great deal on patient selection, managed care, and comanagement. The most interesting chapter in this section is on the subject of residency training. Program chairs and residency directors will find this chapter very useful.

Sections III–IV provide a comprehensive review of the different presbyopia-correcting IOLs, with surgical “pearls” and clinical outcomes.

Section V contains reviews of some of the newer experimental IOLs that are being developed. The technology review in this section is fascinating, and the photos are excellent.

Quality of vision issues, such as optical aberration and halos, is discussed in section VI. This section is a must read

for any physician who plans to implant presbyopia-correcting or accommodative IOLs.

The remainder of the book focuses on patient education, a review of complications, management of other refractive issues such as astigmatism, and a combination of different IOLs.

Overall, this is an excellent text. There is some redundancy, which makes reading the entire book unnecessary. Many of the chapters can be used as teaching tools for residents and fellows, and it is also an excellent reference for the office.

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