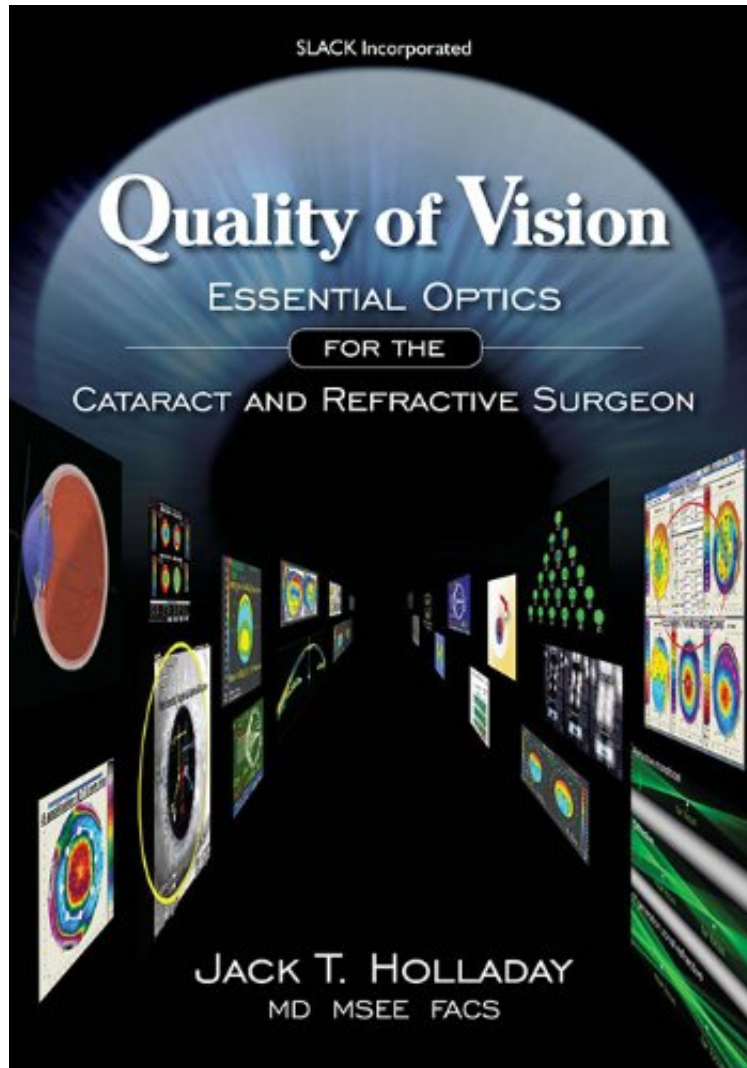


[Download ebook] Quality of Vision: Essential Optics for the Cataract and Refractive Surgeon

Quality of Vision: Essential Optics for the Cataract and Refractive Surgeon

Jack Holladay MD MSEE FACS
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Jack Holladay MD MSEE FACS : Quality of Vision: Essential Optics for the Cataract and Refractive Surgeon before purchasing it in order to gauge whether or not it would be worth my time, and all praised Quality of Vision: Essential Optics for the Cataract and Refractive Surgeon:

Good vision is more than 20/20 on a Snellen visual acuity chart. The modern ophthalmologist understands that

contrast sensitivity, near and distance vision, performance under light and dark conditions, and the brains interpretation of input from the sensory apparatus, are all important elements in patients quality of vision. In *Quality of Vision: Essential Optics for the Ophthalmic Surgeon*, ophthalmologist and optics expert Dr. Jack T. Holladay explores the elements of vision that lie beyond Snellen testing. He explains the whys behind the machinery, instruments, technology, and procedures commonly used to assess vision before and after cataract and refractive surgery. With a better understanding of these tools, ophthalmologists can deliver better vision for their cataract and refractive surgery patients. *Quality of Vision* addresses: Measuring and treating astigmatism in corneal and IOL surgery The importance of correcting spherical aberration in cataract and refractive surgery IOL calculations after refractive surgery Promising approaches to the correction of presbyopia Other practical topics the clinician can use every day Recognized as the leader in ophthalmic optics, Dr. Holladay incorporates practical aspects of daily practice into each chapter as he expertly explains the scientific principles, mathematical formulas, and theories behind these important issues. Additionally, *Quality of Vision* includes numerous color illustrations to provide visual representations of the texts key points. Dr. Holladay discusses whats on everyones mind: How to take the best measurements and perform the best calculations to ensure good outcomes in cataract and refractive surgery How neural adaptation can improve outcomes How todays excimer laser systems deliver excellent optical correction, and why tomorrows systems will perform even better *Quality of Vision: Essential Optics for the Ophthalmic Surgeon* is the most complete and practical reference for ophthalmologists looking to increase their understanding of optical physics and their ability to deliver good vision to their patients after cataract and refractive surgery.

It is seldom that I have enjoyed reading a book on optics. This book I enjoyed . . . The author is enthusiastic about his subject while remaining chatty, informal, informative and open. Opinions are clearly and informatively expressed and are practical and useful . . . Chapter 3 and 8 are gems that are worth the price of the book; 3 for information, 8 for demystification. Essential reading for all ophthalmologists, this book can be read for fun (and erudition) even by those not involved in refractive surgery. Robert C. Drews, MD, FACs, FRCOphth, Ocular Surgery New