

# Surgical Correction of Astigmatism

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Editors

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 Springer

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*To my parents, who gifted me with life and supported me in my pursuit of medicine.*

*To my mentors, in particular to Jean-Jacques Aron and Danièle Aron-Rosa, for having forged my mind, guided my hands and generously shared their incredible passion for ophthalmology.*

*To my beloved wife, Nancy, for being who she is and for her constant support.*

*To my treasured daughters, Allegra and Alexandra, for feeding me with genuine love, being the essence of my family and having such beautiful eyes.*

*To the readers of this book and their efforts to improve the comprehension and management of astigmatism and continue to bring a better quality of life to their patient.*

—Jean-Luc Febbraro, M.D.

*I would like to dedicate this book to Li Wang, who has been such a brilliant and wonderful colleague and collaborator.*

—Douglas D. Koch

*“To my parents, my patients and my mentors who have taught me more than I could imagine.”*

—Hamza N. Khan

# Preface

Astigmatism correction is now an integral component of cataract surgery. There are several reasons:

- Well over half of patients undergoing cataract surgery have over 0.5 D of corneal astigmatism and hence are candidates for astigmatism correction.
- Increasing numbers of patients desire and indeed expect excellent spectacle-free vision following cataract surgery.
- Intraocular lens solutions for presbyopia correction have proliferated, offering a broad and often full range of vision with acceptable visual side effects.
- Our knowledge and tools for correcting astigmatism have improved tremendously, enhancing our surgical accuracy.
- There are ever increasing opportunities for ophthalmologists to become better educated about the entire process of correcting astigmatism, from patient selection to postoperative management of suboptimal results.

The goal of this book is to serve as a guide and reference resource for ophthalmic surgeons as they endeavor to provide their patients with the best possible optical outcomes from their cataract surgery. We are deeply grateful to our contributing authors, whom we selected for their unique expertise and who more than met our high expectations.

Paris, France  
Victoria, BC, Canada  
Houston, TX

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Douglas D. Koch

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