Drug Dosage. The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.

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Newly developed, modern methods to quantify ocular blood perfusion have profoundly changed our knowledge of its physiology and pathophysiology. Understanding of the regulation and dysregulation of perfusion of the eye has provided us with new insights into the pathogenesis of ocular diseases.
This book attempts to summarize the contemporary knowledge in this particular field. Although it was written by researchers, its main intended audience is the ophthalmologist in the clinic or private practice. The assessment of ocular perfusion was the main theme of the Glaucoma Meeting Basel, held in March 1995. The lectures delivered there serve as the basis for this present book.

The first part of the book provides a general overview of the anatomy, physiology, and pathophysiology of ocular perfusion; the second part describes currently applied measuring methods in research and in clinical practice.

We thank the authors of the individual papers of this book for their valuable collaboration. To Karger Publishers we are grateful for their great understanding of the numerous wishes on the part of the authors and editors. Furthermore, we would like to thank all our co-workers who helped with the production of this book.

We hope that it will have a receptive but critical readership.

Basel, August 1995  Hedwig J. Kaiser
Josef Flammer
Phillip Hendrickson