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Edition

GENERAL OPHTHALMOLOGY

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GENERAL OPHTHALMOLOGY

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Foreword

In the past 50 years there has been no dearth of English language ophthalmology texts designed for the medical student and general physician. Some have been well received; others have not survived their first editions. The present text, which first appeared in 1958, was an immediate success and has long since won worldwide acceptance. It covers admirably the whole difficult subject of ophthalmology, with its ramifications in the basic sciences, clinical medicine, and surgery. It is recommended by many professors and is the most popular ophthalmology book among medical students.

The format of this useful volume is particularly felicitous since it permits frequent revisions and a reasonable selling price. By virtue of their own wide interests in a variety of ophthalmologic subspecialties, their free use of consultants, and the happy choice of format, the authors have produced an authoritative volume that presents the principles and practices of ophthalmology to the medical profession in a most attractive form.

In view of the increasingly rapid progress being made in the field of ophthalmology and the complexity of the current ophthalmological literature, Drs. Vaughan, Asbury, and Cook are to be congratulated on keeping a useful text so efficiently up to date.

Phillips Thygeson

San Francisco
August, 1971

Preface

This book is an attempt to provide a concise yet reasonably complete, up-to-date review of a difficult specialty for use by medical students, general physicians, pediatricians, internists, and resident physicians in ophthalmology. We hope it will serve these groups as a companion volume to the standard texts as well as a quick reference guide to the management of the more common ocular disorders seen in daily practice.

Very little of what is worthwhile in these pages could have been brought to publication without the generous cooperation and assistance, and in some cases the initiative, of our colleagues. Most especially the authors wish to thank Dr. Phillips Thygeson for his energetic and authoritative participation. Drs. Kenneth Rogers and Hans Thalmann gave invaluable service in their review of the entire manuscript and as consultants on specific problems. Specialized sections were read by Drs. Arthur K. Asbury, Bruce Dahrling II, Chandler Dawson, Hans Gassmann, Michael J. Hogan, Richard S. Kerstine, Heinrich König, Richard O'Connor, Conor O'Malley, Patrick O'Malley, Marvin H. Quickert, Sidney Riegelman, Robert N. Shaffer, William H. Spencer, and Mario Valenton.

Daniel Vaughan
Taylor Asbury
Robert Cook

San Francisco
August, 1971

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Anatomy

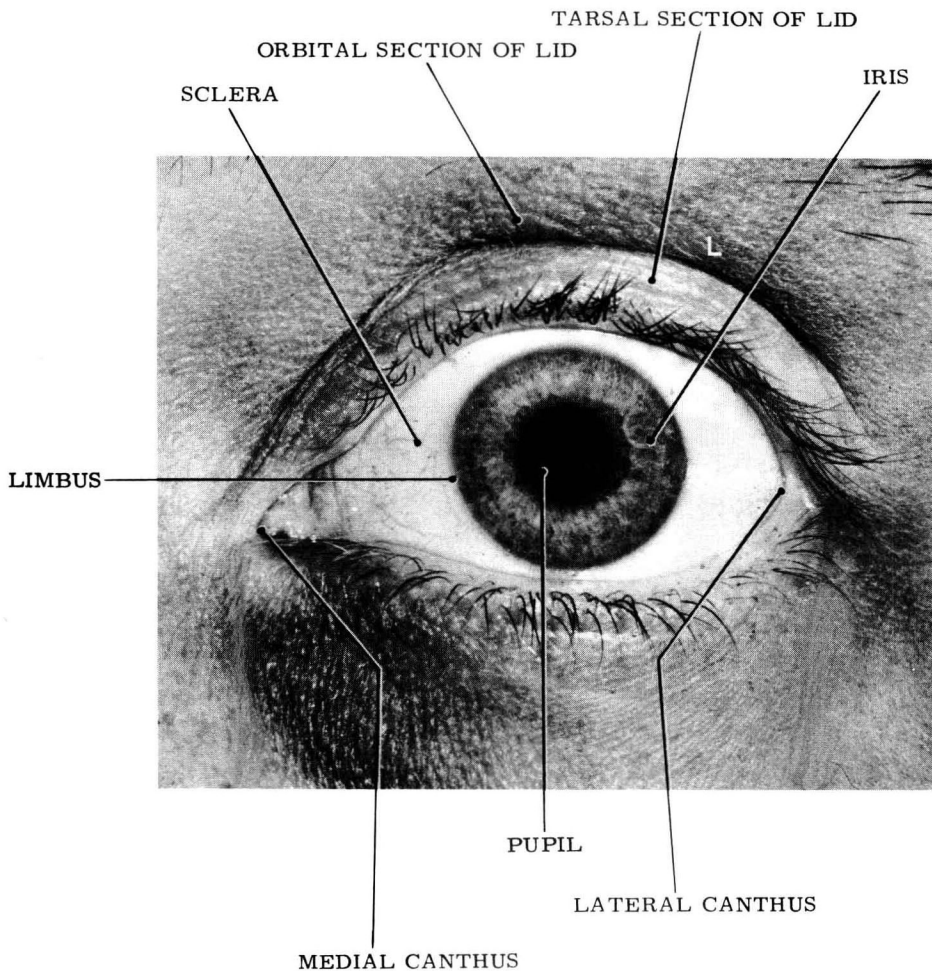


Fig 1-1. External landmarks of the eye. (Photo by H. L. Gibson, from Medical Radiography and Photography. Labeling modified slightly.)

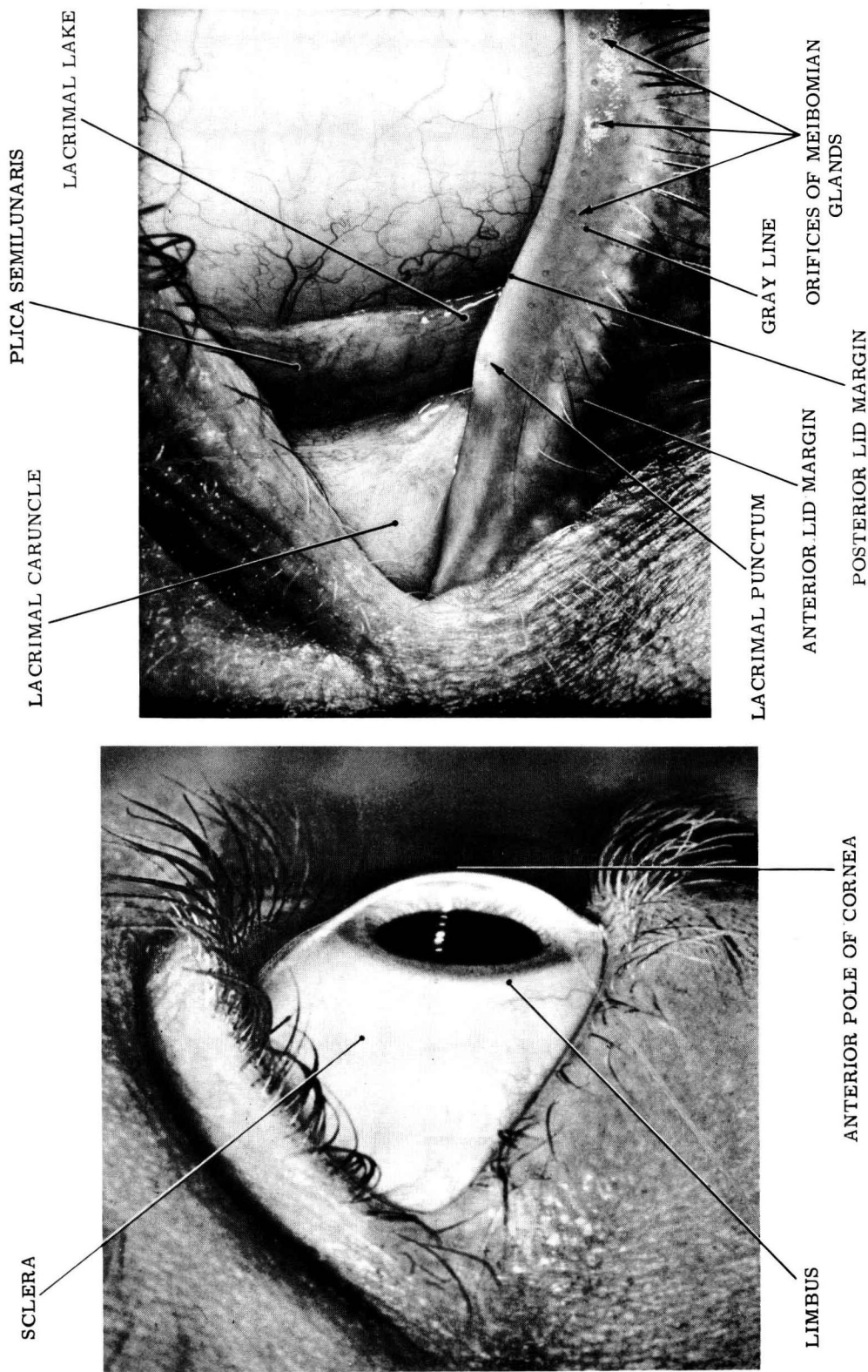


Fig 1-2. External landmarks of the eye. (Photos by H. L. Gibson, from Medical Radiography and Photography. Labeling modified slightly.)

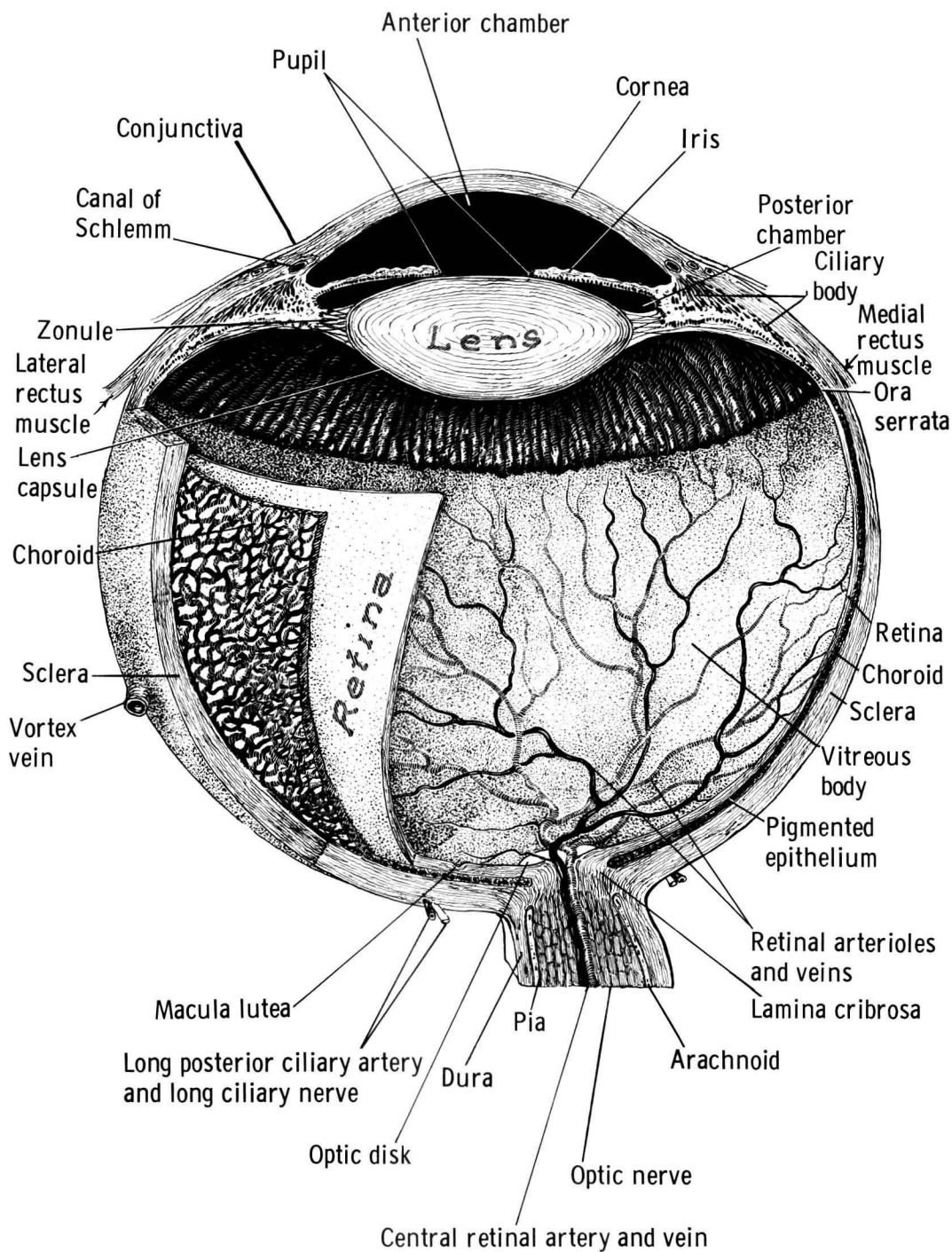


Fig 1-3. Internal structures of the human eye. (Redrawn from an original drawing by Paul Peck and reproduced, with permission, from *The Anatomy of the Eye*. Courtesy of Lederle Laboratories.)

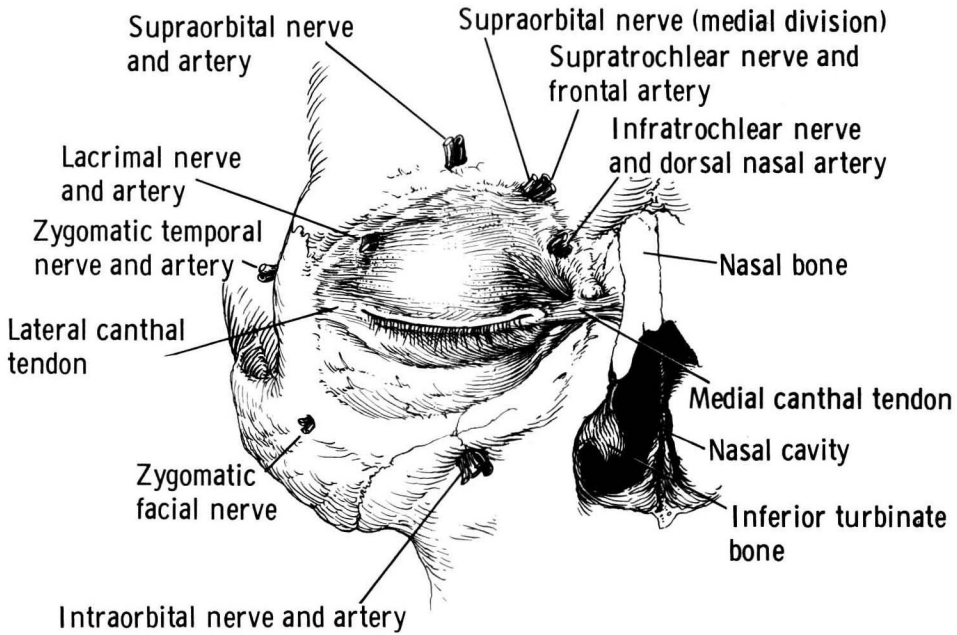


Fig 1-4. Vessels and nerves to extraocular structures. (Redrawn and reproduced, with permission, from Wolff: *Anatomy of the Eye and Orbit*, 4th ed. Blakiston-McGraw, 1954.)

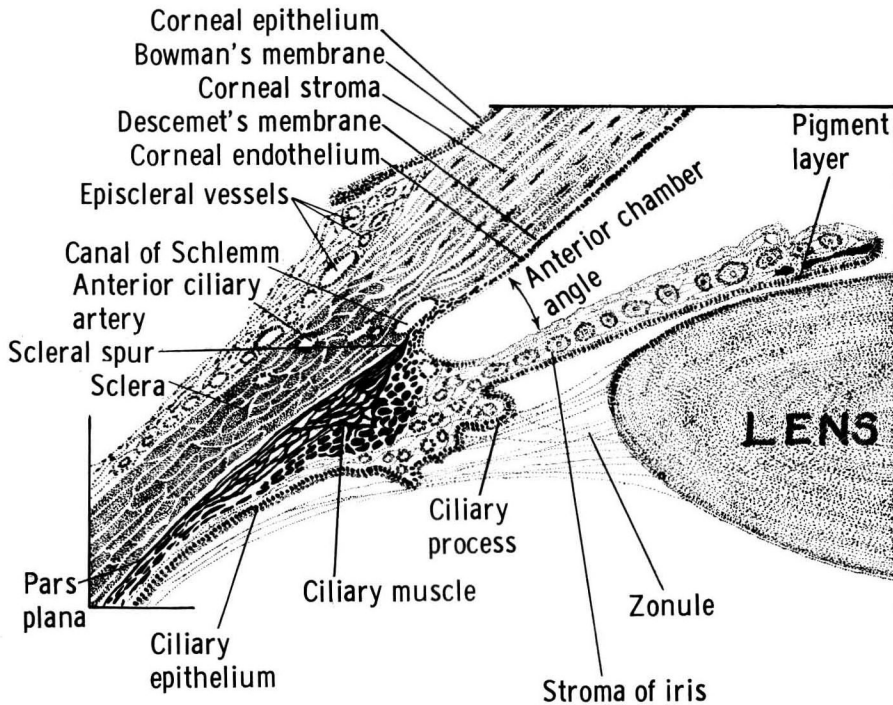


Fig 1-5. Anterior chamber angle and surrounding structures. (Redrawn from an original drawing by Paul Peck and reproduced, with permission, from *The Anatomy of the Eye*. Courtesy of Lederle Laboratories.)

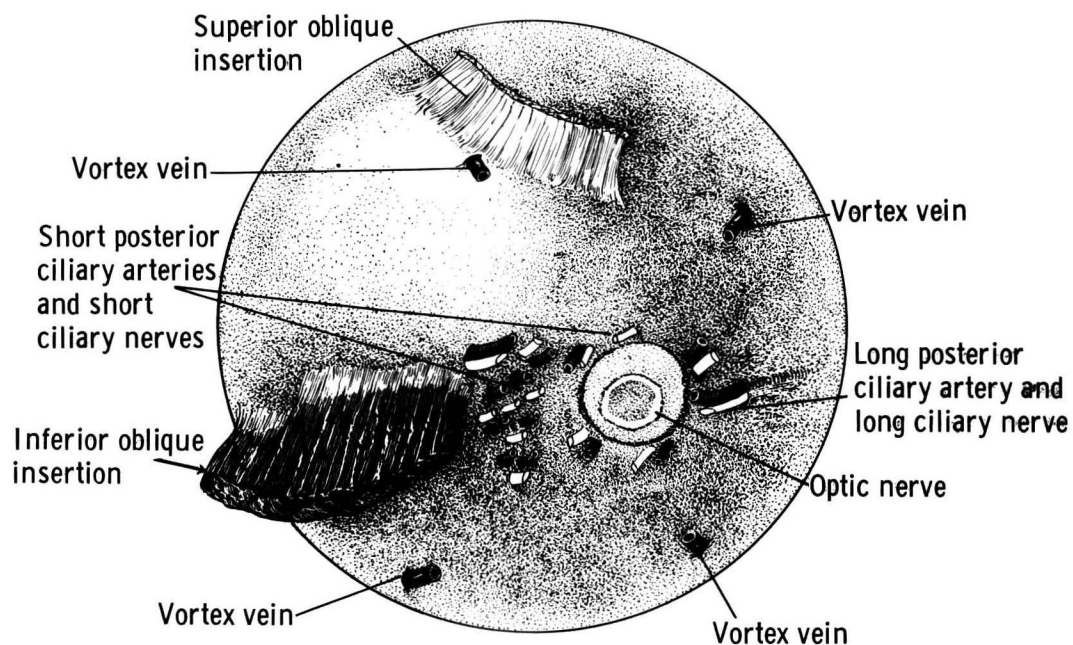


Fig 1-6. Posterior view of left eye. (Redrawn and reproduced, with permission, from Wolff: *Anatomy of the Eye and Orbit*, 4th ed. Blakiston-McGraw, 1954.)

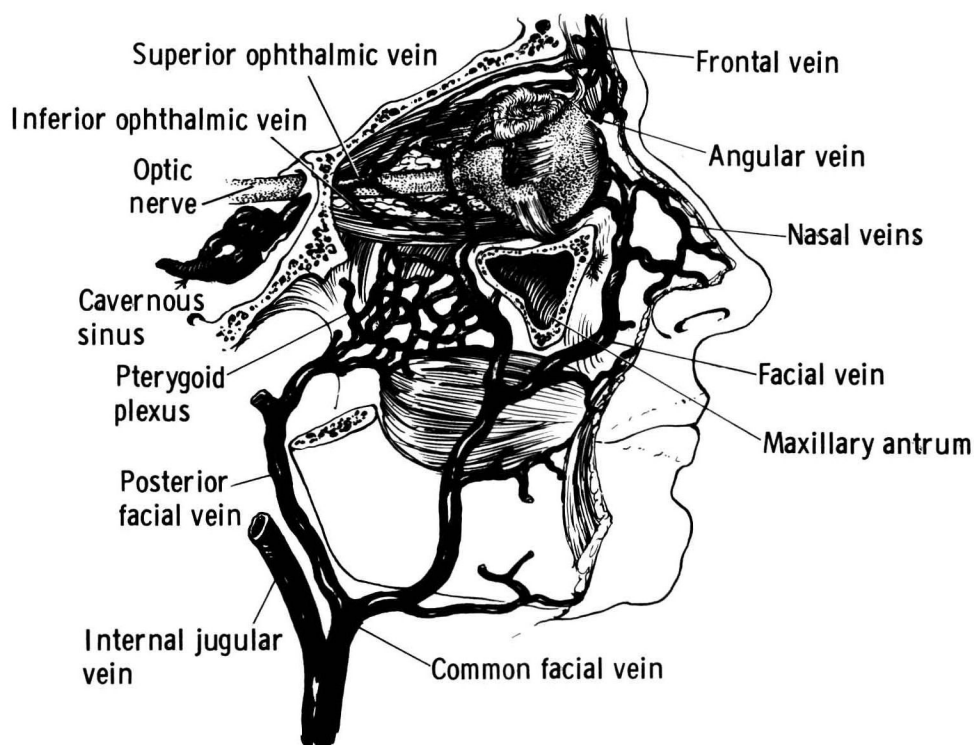


Fig 1-7. Venous drainage system of the eye. (Redrawn and reproduced, with permission, from Wolff: *Anatomy of the Eye and Orbit*, 4th ed. Blakiston-McGraw, 1954.)