



## Vitreoretinal disease diagnosis, management, and clinical pearls by Ingrid U. Scott, Carl D. Regillo, Harry W. Flynn, Jr., Gary C. Brown (2017) pp. 640, Hardback ISBN: 9781626231337 Thieme Publishers

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Received: 23 May 2018 / Accepted: 2 June 2018 / Published online: 16 June 2018  
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This is the second edition of a highly successful textbook that has become a preferred manual for ophthalmology residents and ophthalmologists with comprehensive practices. However, the field of vitreoretinal diseases has changed dramatically since its first edition in 1999: novel diagnostic tools enable retina specialists to obtain high-resolution images of vitreoretinal structures, highlighting important microstructures and biomarkers that are essential to select the most appropriate choice of treatment. In addition, a rapid progress of treatment modalities has evolved: while 20 years ago medical retina with intravitreal injections was still on the horizon and not approved, this field has gained tremendous importance in our daily clinics. But also vitreoretinal surgery with novel small incision techniques, vital dyes, and instruments has changed completely to master complex vitreoretinal diseases. This all-encompassing textbook is designed to enhance diagnosis and treatment of vitreoretinal diseases in uniquely arranged chapters to determine the differential diagnosis and best treatment.

The second edition of “Vitreoretinal disease” provides a complete guide of all aspects by renowned experts in retinal disease and vitreous disorders. The new edition of the textbook is still divided into four essential sections: it starts with an overview of ocular embryology, posterior segment anatomy, and physiology. The second section continues to cover the broad spectrum of sophisticated known and latest diagnostic tools. The third section continues with eight categories of different diseases including retinovascular conditions,

macular diseases, inherited vitreoretinal conditions, inflammatory conditions, intraocular tumors, vitreous and retinal detachments, trauma and toxicity, and fundus conditions. The last section covers specific vitreoretinal approaches. The editors manage in this multiauthor textbook a consistent style and make use of evidence-based medicine to develop best management strategies. The text is illustrated with more than 700 colored state-of-the-art retinal images and surgical procedure drawings. The quality of the illustrations is extremely high with many colored photographs making the textbook very easy to read and understand which should allow readers to find information quickly and easily. The textbook maintained from its first edition the concept to highlight important points in every chapter by “pearls,” “controversial points,” and “special considerations” in colored boxes giving information in a modern essentials format, ideal for everyday use by the specialist and generalist alike. Throughout, there are important management tips and guidelines that can easily be applied in everyday practice.

The constant growth of new clinical information in vitreoretinal diseases makes it for the general ophthalmologist almost impossible to keep up. This highly recommended textbook fills the gap by offering a clinically oriented, up-to-date, one-volume textbook. Owing to the tremendous effort by the contributing authors, this publication provides advice and guidance on how to treat and manage the complexities in vitreoretinal disease.

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