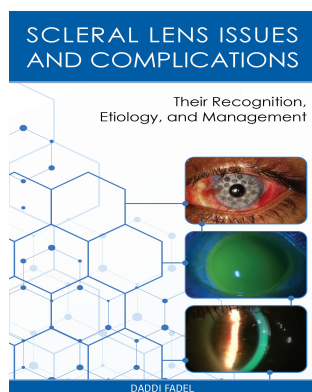


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Book Review  
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## Scleral Lens Issues and Complications

*Their Recognition, Etiology and Management*

by Daddi Fadel

Dougmar Publishing Group Inc., Dundas, Ontario, Canada

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The arrival of a comprehensive text dedicated to scleral lenses is a welcome addition to the literature. Written by Daddi Fadel, DOptom, FSLs, FBCLA, FAAO, a well-established authority in the field of scleral lenses with several peer-reviewed publications on this particular topic. This book is available in electronic and printed (softcover) versions.

This volume is an outstanding contribution to our rapidly advancing field of scleral lenses. It is well referenced and will serve as an informative book and as a reference text. There is an abundance of excellent, high-resolution clinical photographs and other images. I predict that the content will be useful to the experienced scleral lens practitioner and the optometry student learning this discipline.

The text is well organized in chapters describing different complications and describes appropriate use and set up of the biomicroscope, vital dyes used in clinical observation, and scleral lens care solutions. The chapters are concise, and the text is presented in an easy-to-read bullet format. For instance, each chapter shows the important features of an anomaly listed under the following headings – slit lamp, symptoms, clinical signs, etiology, and management. However, the text does not address therapeutic treatments or management of complications associated with scleral lens wear. This may be a limitation in North America but less of an impediment in regions where therapeutic care privileges are not granted to practitioners. However, in the segments describing conjunctival redness and microbial keratitis some discussion of signs that should lead the practitioner to refer to competent therapeutic care would have been appropriate.

The steps to improve the physiological performance of a lens, such as material selection, lens modification to improve the landing, circumvent conjunctival pathology, lens and reservoir thickness, are excellent and well informed. These pointers, scattered throughout the text, are very useful to the reader. This aspect shows that the author is a true practicing expert in the field.

Chapters 5 and 6 have an interesting leaning as the subject is approached from a slightly different angle. The text addresses the challenges of a poor physical fit as well as difficulties around handling inability and poor compliance. Here the reader is provided a series of helpful tables with often multiple options for what to look, expect, and how to address it. In other words, problem-solving tables!

The last 90 pages are devoted to 'clinical signs of issues' in scleral lens wearers. This chapter

utilizes tables – one after another – on the signs, symptoms, etiology, and management of literally any event that may occur when wearing a scleral lens. This includes lens flexure, conjunctival prolapse, excessive central clearance, air bubbles, limbal touch, limbal congestion, corneal staining, conjunctival impingement, and subconjunctival hemorrhage. You name it and you will find it here! Many clinical pearls are to be found!

The *Scleral Lens Issues and Complications* is an outstanding text on scleral lenses by an exceptional and admired clinician. It is well referenced and therefore evidence-based and is a must for the expert's bookshelf and the one that more recently adopted this specialty and the student, resident, or fellow who has an interest in enhancing their skills in the fast-developing scleral lens field.

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