

Features:

- Serves as an essential companion and guide to current thinking and practice in the contact lens field, ideal for use by optometrists, ophthalmologists, orthoptists, opticians, students, and contact lens industry professionals.
- Presents subject matter in a clear and logical format to allow the reader to quickly identify and comprehend key information.
- Features highly illustrated chapters in full colour, helping the reader to visualize core concepts.
- Includes completely rewritten chapters, by new authors, on scleral and corneo-scleral contact lenses, high ametropia, therapeutic applications, post-surgical lens fitting, and practice management.
- A new chapter on Post-Surgery Management consolidates core information on post-operative management involving contact lenses.
- Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

Περιεχόμενα:

Front Matter

1 History

2 Anterior Eye

3 Visual Optics

4 History

4 Anterior Eye

4 Visual Optics

4 Soft Lens Materials

5 Soft Lens Materials

5 Soft Lens Manufacture

6 Soft Lens Optics

7 Soft Lens Measurement

8 Soft Lens Design and Fitting

9 Soft Toric Lens Design and Fitting

10 Soft Lens Design and Fitting

10 Soft Toric Lens Design and Fitting

10 Soft Lens Care and Systems

11 Rigid Lens Materials

12 Rigid Lens Manufacture

13 Rigid Lens Materials

13 Rigid Lens Manufacture

13 Rigid Lens Optics

14 Rigid Lens Measurement

15 Rigid Corneal Lens Design and Fitting

16 Rigid Toric Lens Design and Fitting

17 Rigid Scleral and Corneoscleral Lens Design and Fitting

18 Rigid Lens Care Systems

19 Daily Disposable Lenses

20 Reusable Lenses

21 Tinted Lenses

22 Presbyopia

23 Extended wear

24 Sport

25 Keratoconus

26 High Ametropia

27 Babies and Children

28 Therapeutic Applications

29 Post-Surgery

30 Orthokeratology

31 Myopia Control

32 Diabetes

33 History Taking

34 Diagnostic Instruments
35 Preliminary Examination
36 Patient Education
37 Preliminary Examination
37 Patient Education
37 Aftercare
38 Complications
39 Compliance
40 Practice Management
A Contact lens design and specifications
B Contact lens tolerances
C Vertex distance correction
D Corneal curvature – corneal power conversion
E Extended Keratometer Range Conversion
F Soft Lens Average Thickness
G Soft Lens Oxygen Performance
H Soft toric lens misalignment demonstrator
I Contact lens dry eye questionnaire
J Efron grading scales for contact lens complications
K Scleral lens fit scales
G Hydrogel Lens Oxygen Performance
H Constant Edge Clearance Rigid Corneal Lens Designs
I Soft Toric Lens Misalignment Demonstrator
J Contact Lens Dry Eye Questionnaire-8 (CLDEQ-8)
K Efron Grading Scales for Contact Lens Complications
L Scleral Lens Fit Scales
Index
41 Aftercare
41 Complications
41 Compliance
41 Practice Management