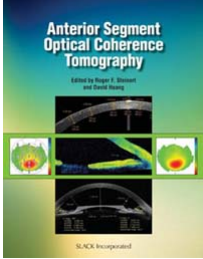


**ANTERIOR SEGMENT OPTICAL COHERENCE TOMOGRAPHY**

	<b>Autor:</b> Steinert
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**DESCRIPTION:**

- High-speed anterior segment optical coherence tomography (OCT) offers a non-contact method for high resolution cross-sectional and three-dimensional imaging of the cornea and the anterior segment of the eye. As the first text completely devoted to this topic, Anterior Segment Optical Coherence Tomography comprehensively explains both the scientific principles and the clinical applications of this exciting and advancing technology.

- Anterior Segment Optical Coherence Tomography enhances surgical planning and postoperative care for a variety of anterior segment applications by expertly explaining how abnormalities in the anterior chamber angle, cornea, iris, and lens can be identified and evaluated using the Visante OCTO.

- Inside Anterior Segment Optical Coherence Tomography, Dr. Roger Steinert and Dr. David Huang, along with 22 of the field's leading professionals, provide a wealth of useful clinical and physiological material about this new diagnostic imaging technique. Valuable images are included to assist in the pre- and postoperative assessment of various anterior segment disorders. Additionally, this unique resource contains detailed information on biometric measurements to enhance diagnostic capability.

**CONTENTS:**

- Chapter 1: Physics and Fundamentals of Anterior Segment Optical Coherence Tomography
- Chapter 2: Keratoconus Screening
- Chapter 3: Evaluation of LASIK Flaps
- Chapter 4: Medical Evaluation, Management, and Planning Anterior Lamellar Surgery for Corneal and Anterior Segment Conditions
- Chapter 5: Penetrating and Posterior Lamellar Keratoplasty
- Chapter 6: Corneal Opacities
- Chapter 7: Refractive Corneal Implants
- Chapter 8: Intacs Intracorneal Ring Segments
- Chapter 9: Visante OCT and Glaucoma Anterior Segment Optical Coherence Tomography Angle Examination
- Chapter 10: Quantitative Measurement of the Anterior Chamber Angle With Optical Coherence Tomography
- Chapter 11: Safety Criteria for Phakic Intraocular Lens Implantation Based on Anterior Segment Optical Coherence Tomography Biometry
- Chapter 12: Optical Coherence Tomography for Anterior Segment Tumors
- Chapter 13: Measurement of Accommodation
- Chapter 14: Intraocular Lenses and Cataracts
- Chapter 15: Profile of Clear Corneal Cataract Incisions as Demonstrated by Ocular Coherence Tomography
- Chapter 16: Future Direction of Anterior Segment Ocular Coherence Tomography

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