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Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 256 p. 309 illus., 255 illus. in color.)
Collana	Essentials in ophthalmology
Disciplina	617.7
Soggetti	Eye - Diseases - Tomography Ophthalmology
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Nota di contenuto	Chapter 1. Anterior Segment OCT: An Overview -- Chapter 2. Anterior Segment OCT: Fundamentals and Technological Basis -- Chapter 3. Anterior Segment OCT: How to Choose for Your Practice -- Chapter 4. Anterior Segment OCT: Clinical Applications -- Chapter 5. Anterior Segment OCT: Angiography -- Chapter 6. Anterior Segment OCT: High-Resolution Tomography of Corneal and Conjunctival Lesions -- Chapter 7. Anterior Segment OCT: Real-time Intraoperative OCT in Corneal Surgery -- Chapter 8. Anterior Segment OCT: Real-time Intraoperative OCT in Cataract Surgery -- Chapter 9. Anterior Segment OCT: Observations in Corneal Stroma Regeneration -- Chapter 10. Anterior Segment OCT: Application in Stromal Lenticule Addition Keratoplasty (SLAK) -- Chapter 11. Anterior Segment OCT: Application to Improve Graft Selection for Corneal Transplantation -- Chapter 12. Anterior Segment OCT: Polarization-Sensitive OCT.
Sommario/riassunto	Part of the Essentials in Ophthalmology series, this atlas is designed to comprehensively cover optical coherence tomography of the anterior segment of the eye. The aim is to improve knowledge of the fundamentals of OCT technology for anterior segment, clarify the differences with posterior segment OCT and emphasize the immense relevance and usefulness that anterior segment OCT study has for diagnosis, therapeutic orientation, surgical guidance, and improvement

in patient management. Atlas of Anterior Segment Optical Coherence Tomography is organized into comprehensive chapters on the following topics: fundamentals, technologies and technological differences among platforms, application of OCT, corneal OCT angiography, as well as case-based chapters. Numerous highly-detailed figures, illustrations and photographs make this an ideal resource for the corneal specialist seeking further instruction on this cutting-edge technology. The case-based chapters include such conditions as bowman dystrophies, trauma, cataract, glaucoma, sclera, refractive surgery, ocular infections, and are structured to facilitate the consultant surgeon by providing practical information applicable to practical cases in their practice.
