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Nota di contenuto	Part I: Optical Coherence Tomography in Glaucoma, Basics -- Chapter 1:Optical Coherence Tomography: Introduction, History and Current Status -- Chapter 2:Optical Coherence Tomography: Basics and Technical Aspects -- Chapter 3:Role of Optical Coherence Tomography in Glaucoma -- Chapter 4:Optical Coherence Tomography: Manufacturers and Current Systems -- Part II:How to Interpret the Optical Coherence Tomography Results -- Chapter 5:Interpretation of Imaging Data From Cirrus HD-OCT -- Chapter 6:Interpretation of Imaging Data From Spectralis OCT -- Chapter 7:Examples of Optical Coherence Tomography Findings in Glaucoma Eyes with Varying Stages of Severity -- Chapter 8:Artifacts and Anatomical Variations in Optical Coherence Tomography -- Chapter 9:Optical Coherence Tomography in Non-Glaucomatous Optic Neuropathies -- Chapter 10:Utility of Optical Coherence Tomography for Detection or Monitoring of Glaucoma in Myopic Eyes -- Chapter 11:Anterior Segment Optical Coherence Tomography in Glaucoma -- Part III:Optical Coherence Tomography and Progression -- Chapter 12:Optical Coherence Tomography and Progression -- Chapter 13:Cirrus HD-OCT’s Guided Progression Analysis -- Chapter 14:Spectralis OCT’s Progression Analysis -- Chapter 15:Optical Coherence Tomography Progression Analysis: Sample Cases -- Part IV:Structure and Function -- Chapter 16:Combining Structure and Function in Glaucoma -- Part V:Optical Coherence Tomography Angiography in Glaucoma -- Chapter 17:

Optical Coherence Tomography Angiography (OCTA).

Sommario/riassunto

This book focuses on the practical aspects of Optical Coherence Tomography (OCT) in glaucoma diagnostics offering important theoretical information along with many original cases. OCT is a non-invasive imaging technique that acquires high-resolution images of the ocular structures. It enables clinicians to detect glaucoma in the early stages and efficiently monitor the disease. Optical Coherence Tomography in Glaucoma features updated information on technical applications of OCT in glaucoma, reviews recently published literature and provides clinical cases based on Cirrus and Spectralis OCT platforms. In addition, newer techniques like event and trend analyses for progression, macular ganglion cell analysis, and OCT angiography are discussed. This book will serve as a reference for ophthalmologists and optometrists worldwide with a special interest in OCT imaging providing essential guidance on the application of OCT in glaucoma.