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Nota di contenuto	Role of OCT Angiography OCTA in the Diagnosis of Macular Diseases -- OCT from the Past to the Future -- New OCT and OCTA Insights in Inherited Retinal Dystrophies -- Optical Coherence Tomography in Retinopathy of Prematurity -- The Role of Optical Coherence Tomography Angiography in Glaucoma -- Morphofunctional Changes of the Retina and Optic Nerve in Optical Neuropathy of Various Genesis: A Literature Review -- Optic Neuropathies -- Optical Coherence Tomography Angiography (OCT-A): Emerging Landscapes in Neuro-Ophthalmology and Central Nervous System (CNS) Disorders -- Study and Analysis of Fluid Filled Abnormalities in Retina Using OCT Images -- A New Method to Manipulate Conventional OCT Images to Measure Changes in the Relative Haemoglobin Oxygen Saturation.
Sommario/riassunto	Optical coherence tomography (OCT) has dramatically revolutionized ophthalmology in the clinical setting. It has become an indispensable tool for ophthalmologists, enabling them to visualize and diagnose several different ocular diseases. With the advent of OCT, the diagnosis and management of ocular diseases have become even more accurate, efficient, and patient friendly. A new generation of OCT technology with increased resolution and speed has been developed, achieving in vivo optical biopsy (i.e., visualization of tissue architectural morphology in situ and in real-time). Functional extensions of OCT technology enable noninvasive, depth-resolved functional assessment and tissue imaging.

This comprehensive and richly illustrated guide enables the reader to identify the anatomy and ophthalmic pathologies illustrated by OCT. It is the most up-to-date book on OCT. All the major pathological areas of ophthalmology are covered, including macular degeneration, uveitis, glaucoma, vascular diseases, and glaucoma abnormalities, as well as other hot topics.

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