1. Record Nr. UNINA9910254558103321

Titolo	Optical Coherence Tomography / / edited by Aniz Girach, Robert C. Sergott
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-24817-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (156 p.)
Disciplina	610
Soggetti	Ophthalmology Radiology Imaging / Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basics and guide to image interpretation with normal and anatomic variants -- Genetic abnormalities -- Macular degeneration -- Diabetic Retinopathy -- Retinal Vascular Disease -- Vitreo-macular adhesion/traction syndromes and the effects of vitrectomy surgery -- Toxic and Nutritional Conditions -- Uveitis -- Glaucoma and other optic neuropathies.
Sommario/riassunto	This richly illustrated, comprehensive guide enables the reader to observe anatomy and identify ophthalmic disease with the use of optical coherence tomography (OCT). It is the most up-to-date atlas of OCT images, many of which have been obtained with the newer OCT technologies that offer excellent image quality and definition at a microscopic level. All of the major disease areas in ophthalmology are covered, including diabetic retinopathy, age-related macular degeneration, uveitis, glaucoma, retinal vascular disease, and further hot topics are also considered. The chapters are written by leading international ophthalmologists from renowned academic centers who utilize OCT in their everyday practice, and the numerous high quality OCT images ensure that the reader will easily be able to follow the key issues. Optical Coherence Tomography has emerged as an innovative and powerful imaging technique that allows high-resolution, non-invasive, in vivo cross-sectional imaging in human tissue. This book,

with its clinical emphasis, will have wide appeal for residents, fellows, and experienced practitioners in ophthalmology, as well as optometrists, medical students and graduates.