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Titolo	Age-related macular degeneration : a comprehensive textbook // editors, D. Virgil Alfaro [et al.]
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ISBN	1-4698-7492-X
Edizione	[First edition.]
Descrizione fisica	1 online resource (376 pages) : illustrations (some color)
Disciplina	618.97/7735
Soggetti	Retinal degeneration - Age factors
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Normal anatomy of the macula / J. Fernando Arevalo, Carlos F. Fernandez, Aristides J. Mendoza -- Animal disease models / Melanie Lyn Hom and Ron Afshari Adelman -- Etiology of late-age related macular disease / Richard Spaide -- Histopathology of age-related macular degeneration / Ana Pesce, Fernando de Santiago, and W. Richard Green -- Classification of age-related macular degeneration / Warren Thompsom -- Polypoidal choroidal vasculopathy / Christina M. Klais ... [et al.] -- Retinal angiomatous proliferation / Christina M. Klais ... [et al.] -- Differential diagnosis of age-related macular degeneration / Mohan Iyer and William F. Mieler -- Fluorescein angiography / J. Michael Jumper ... [et al.] -- Indocyanine green angiography / Lindsay M. Smithen ... [et al.] -- The use of optical coherence tomography in the diagnosis and assessment of AMD / Robin Singh ... [et al.] -- Optical coherence tomography ophthalmoscope / Richard Rosen ... [et al.] -- New imaging modalities / Dirk-Uwe Bartsch, Ursula Schmidt-Erfurth, and William R. Freeman -- Antioxidants, free radicals, and the retina / Siobhan E. Moriarty-Craige and Paul Sternberg, Jr. -- Laser photocoagulation of eyes with soft drusen / Marta S. Figueroa and Thomas R. Friberg -- Choroidal neovascularization and the macular photocoagulation study / James M. Weisz, and Stephen R. O'Connell -- Photodynamic therapy for choroidal neovascularization and age-related macular degeneration / Lluís Arias Barquet ... [et al.] -- Transpupillary

thermotherapy for the treatment of choroidal neovascularization associated with age-related macular degeneration / Peter Liggett ... [et al.] -- Choroidal feeder vessel photocoagulation therapy / Bert Glaser and T. Mark Johnson -- Pneumatic displacement of submacular hemorrhage / Alejandro J. Lavaque, Nauman Alam Chaundry, and Peter E. Liggett -- Submacular surgery and the submacular surgery trials / Nancy M. Holekamp and Matthew A. Thomas -- Limited macular translocation / Motohiro Kamei and Yasuo Tano -- Macugen (pegaptanib sodium injection) / Eugene Ng ... [et al.] -- Lucentis (Ranibizumab injection) / D. Virgil Alfaro, III ... [et al.] -- Intravitreal triamcinolone for choroidal neovascularization / D. Virgil Alfaro, III ... [et al.] -- Introduction to gene therapy and related techniques for retinal disorders and age-related macular degeneration / Alejandro J. Lavaque ... [et al.] -- Human retinal transplantation/ Suzanne Binder -- Artificial vision, visual prostheses, and retinal implants / Richard M. Awdeh ... [et al.] -- Neuroprotection in macular degeneration / Joyce Tombran-Tink and Colin Barnstable -- Pigment epithelium endoscopic laser surgery : PEELS / Franz H.J. Koch and Hugo Quiroz-Mercado.

Sommario/riassunto

A renowned group of retina surgeons presents promising new developments in age-related macular degeneration, with emphasis on the most significant advances in the past five years. Content addresses all aspects of management, including anatomy, physiology, and pathophysiology; imaging of the macula in age-related macular degeneration; prevention measures and treatment; treatment; and future directions. Abundantly illustrated and superbly organized, this book serves as an excellent reference and textbook.
