

1. Record Nr.	UNINA9910300355103321
Titolo	Advances in Medical and Surgical Cornea : From Diagnosis to Procedure // edited by Bennie H. Jeng
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-662-44888-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (147 p.)
Collana	Essentials in Ophthalmology, , 1612-3212
Disciplina	617.719
Soggetti	Ophthalmology
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.
Nota di contenuto	Diagnosis and treatment of ocular surface disease -- Diagnosis and treatment of infectious keratitis (PCR, Confocal) -- Diagnosis and treatment of ocular allergies -- Imaging techniques for corneal disorders (non-infectious: KCN, ectasias: Pentacam, Schleimpflug, confocal, etc) -- Contact lens technology for treatment of severe ocular surface disease and corneal ectasias -- Collagen crosslinking for keratoconus -- Anterior lamellar keratoplasty -- Endothelial keratoplasty (DSEK and DMEK) -- Keratoprosthesis (Boston and OOKP) -- Laser assisted keratoplasty and post-keratoplasty management (AK' s) -- Eye Banking: what the eye bank can do for you now (DMEK harvesting, Pre-cut, FLAK). .
Sommario/riassunto	This book presents up-to-date information on the diagnosis and management of the spectrum of medical and surgical corneal diseases, with a special focus on new technology. The latest tools for diagnosing ocular surface disease, infectious keratitis, and ocular allergies are discussed, along with novel treatment options for these entities. The impact of progress in imaging and contact lens technology on the management of corneal conditions is fully described, and the efficacy of corneal collagen crosslinking for keratoconus and corneal ectasia is evaluated. Detailed attention is devoted to the latest surgical techniques, including lamellar keratoplasty, endothelial keratoplasty, keratoprosthesis, and laser-assisted penetrating keratoplasty. In addition, the role of the eye bank in facilitating corneal procedures is

explained. Advances in Medical and Surgical Cornea is written by leading authorities who share a passion for effective, cutting-edge care. It will be invaluable for both experienced ophthalmologists and trainees.
