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Titolo	Mastering Endothelial Keratoplasty [[electronic resource]] : DSAEK, DMEK, E-DMEK, PDEK, Air pump-assisted PDEK and others, Volume I // edited by Soosan Jacob
Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2016
ISBN	81-322-2818-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 251 p. 187 illus., 153 illus. in color.)
Disciplina	617.7
Soggetti	Ophthalmology Minimally invasive surgery Minimally Invasive Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Anatomy of the cornea -- History of endothelial keratoplasty .- Penetrating and endothelial keratoplasty -- Endothelial versus penetrating keratoplasty -- Evaluation of the graft and tissue preparation for modern endothelial keratoplasty -- Role of optical coherence tomography -- Descemet's stripping automated endothelial keratoplasty (dsaek) -- Ultrathin dsaek -- Descemet's membrane endothelial keratoplasty (dmeK) -- Unfolding techniques for the dmeK-graft -- The pdek bubble -- Descemet's endothelial keratoplasty (pdek) -- Endoilluminator assisted descemet's membrane endothelial keratoplasty (e-dmeK) -- Air pump assisted dmeK/ pdek- -- Descemet's membrane endothelial transfer (dmet).
Sommario/riassunto	Volume 1 of this edited book covers basics of endothelial keratoplasty and various surgical techniques currently in use. Chapters on DSAEK, DMEK, big bubble, air pump-assisted and endoilluminator assisted DMEK/PDEK, pre-Descemet's endothelial keratoplasty (PDEK), and Descemet's membrane endothelial transfer (DMET) complete the topics on various surgical procedures. Complex situations and complications have been covered in volume 2 of Mastering Endothelial Keratoplasty. Endothelial keratoplasty is a field of great interest to all corneal surgeons. It is an exciting and evolving field in corneal transplantation as the newer techniques of DSAEK, DMEK, E-DMEK and PDEK have

inherent advantages that make them supersede the older techniques by far. Hence, in today's scenario with the clearly superior results that these techniques offer, it is imperative for all corneal surgeons to learn them and know everything about managing the patient from the pre-operative to the postoperative period. This two-volume book is a must-read for the beginner as well as the established ophthalmologist with interest in corneal transplantation. It is also a must-have for educational institutions, hospital-based libraries and for post-graduate students, fellows and residents who want to expand their knowledge.
