

1. Record Nr.	UNINA9910337522303321
Autore	Corbett Melanie
Titolo	Corneal Topography : Principles and Applications // by Melanie Corbett, Nicholas Maycock, Emanuel Rosen, David O'Brart
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-10696-9
Edizione	[2nd ed. 2019.]
Descrizione fisica	1 online resource (288 pages)
Disciplina	617.71907545 617.719
Soggetti	Ophthalmology Radiology Imaging / Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	BASIC PRINCIPLES: Assessment of corneal shape -- Videokeratoscopes -- Projection-based systems -- Scheimpflug camera systems -- Optical coherence tomography -- Presentation of topographic information. THE NORMAL CORNEA: Normal Topography -- Contact lens practice. CORNEAL DISEASE: Corneal surface disease -- Corneal stromal disease -- Corneal endothelial disease -- Corneal ectasia. CORNEAL SURGERY: Corneal endothelial disease -- Keratoplasty -- Cataract surgery -- Refractive corneal surgery -- Refractive laser surgery -- Ocular surgery.
Sommario/riassunto	The new edition of this leading text atlas on corneal topography has been updated to include the latest advances in technology, such as Pentacam and Orbscan. The principles and theory underlying each technology are first clearly explained, and clinical applications are then examined. The authors describe how to use the different technologies and devices, explain the clinical readout with illustrations of normal corneal topography, discuss applications and findings in common disease states, and present the appearances after various corneal surgical procedures. The pros and cons of each system are highlighted. This up-to-date, superbly illustrated book is the most comprehensive guide to corneal topography currently available. It is anticipated that

this second edition will become the seminal corneal topography textbook for all with an interest in corneal disease and its management, and refractive surgery.

---