

1. Record Nr.	UNINA9910784030203321
Titolo	Wavefront and emerging refractive technologies : proceedings of the 51st Annual Symposium of the New Orleans Academy of Ophthalmology on Wavefront and Emerging Refractive Technologies, New Orleans, LA, USA, February 22-24, 2002 // editor, Jill B. Koury
Pubbl/distr/stampa	The Hague : , : Kugler Publications, , 2003
ISBN	1-280-73911-8 9786610739110 90-6299-771-6
Descrizione fisica	1 online resource (xi, 198 pages) : illustrations, portraits
Altri autori (Persone)	KouryJill B
Disciplina	617.719
Soggetti	Ophthalmology - Technological innovations LASIK (Eye surgery) Optics, Adaptive
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Table of contents; Preface; Editor and Contributors; Wavefront Basics; Wavefront basics; Understanding wavefront clinically - What it can and cannot do; Questions and Answers; Questions and Answers on "Customized prolate excimer ablation"; Wavefront Results; Mixed astigmatism; Wavefront results - Bausch-Lomb clinical data; The wavefront results - Alcon CustomCornea clinical data; Questions and Answers on "Supervision with wavefront"; New Modalities; Round Table: What can wavefront technology do for my practice?; Conductive keratoplasty using radiofrequency energy to treat hyperopia Problems and Progress; Smoothing in excimer refractive surgery; Round Table: While we wait for wavefront technology, how can we help our unhappy postoperative refractive patients?; Round Table: LASIK complications: new approaches; Results from the clinical trial of the Intralase laser; Questions and Answers; Algorithms, Allegretto and Accounting; Round Table: The best postoperative regimen for refractive surgery patients; Interim (three-month) LASIK results with the WaveLight Allegretto Wave Excimer Laser; Questions and Answers;

Adaptive Optics and Aberrations

What adaptive optics can do for the eye; Preliminary LADARWave measurement of flap-induced aberrations; Questions and Answers on "Results of the Wavelight Allegretto Laser for the treatment of myopia and myopic astigmatism"; Butterfly LASEK; Butterfly LASEK; Questions and Answers on "Sceral expansion bands for the correction of presbyopia"; Epi-LASIK; Epi-LASIK - A new refractive technique; Are all aberrations equal?; Questions and Answers on "LADAR LASEK"; Questions and Answers on "Managing visual loss after LASIK"; Index of authors

Sommario/riassunto

The New Orleans Academy of Ophthalmology proudly presented its 51st Annual Symposium from February 22nd to February 24th, 2002. Entitled "Wavefront and Emerging Refractive Technologies," it proved to be an exciting update on the principles of wavefront technology, as well as a glimpse into the future of this exploding field. Dr. Marguerite McDonald is to be thanked for heading up the program committee that organized an excellent meeting. Amber Howell, executive director of the academy, also deserves recognition for working to make the meeting the success that it was.
