CONTENTS

SECTION 1: The Project of Vision: Hypothesis for a Functional Structure

1. **The Project of Vision: A New Winning Philosophy** 3
   R Pinelli
   • *The Vision Institute 3* • *Structure of the New Vision Institute 4* • *A Management Hypothesis on Daily Briefing: Contacts Between Medical and Non-medical Staff (Analyzing The Daily Patients' Agenda) 11*

2. **Highlights on Statistics and Clinical Research** 13
   R Pinelli
   • *External Relations for Surgical and Clinical News 13* • *Cooperation with National and International Scientific Societies 15*

3. **New Operative Tools to Improve the Structure** 18
   E Scaffidi
   • *The Psychology of Vision 18* • *Evaluation of Patient's Satisfaction Questionnaire 26*

4. **Istituto Laser Microchirurgia Oculare Standard of Care** 35
   R Pinelli
   • *Preoperative Phase 35* • *The Day of Surgery 44* • *LASIK: Dr Pinelli's Personal Technique 47*
   • *The Postoperative Phase 54*

SECTION 2: Laser-assisted *In Situ* Keratomileusis (LASIK): Personal Technique

5. **New Frontier of LASIK: Customized PML™ (Presbyopic Multifocal LASIK) Technique** 59
   R Pinelli

6. **LASIK: The Personal Technique** 69
   Brian Boxer Wachler
   • *Dr Brian Boxer Wachler's Personal Technique 69*

7. **LASIK: The Personal Technique** *71*
   S Pascucci
   • *Dr S Pascucci's Personal Technique 71*

8. **My Personal Technique** 73
   M Gordon
   • *Dr M Gordon's Personal Technique 73*

9. **LASIK Performance on the Daily Basis Consultation** 75
   J Gaytán-Melicoff, JL Güell

10. **Laser *In Situ* Keratomileusis: Techniques and Postoperative Management** 79
    Louis E Probst

11. LASIK (Laser Assisted *In Situ* Keratomileusis) 91
Sanjay Chaudhary, Ashok Garg
• *Over View (Sanjay Chaudhary) 91* • *Ocular Pharmacokinetics in LASIK Surgery (Ashok Garg) 98*

12. LASIK Surgery in Small Eyes 101
JS Chang

SECTION 3: LASIK Complications

13. Pinelli's LASIK Complications 107
R Pinelli

14. Chu's LASIK Complications 111
Ralph Chu

15. Chan's and Boxer Wachler's LASIK Complications 116
Colin CK Chan, B Boxer Wachler
• *Wavefront Retreatment for Higher Order Aberrations Post-Conventional LASIK 116*
• *Treatment of Post-LASIK Ectasia 118*

16. Guell's LASIK Complications 122
I Guell

17. Garg's and Chaudhary's LASIK Complications 126
Sanjay Chaudhary, Ashok Garg
• *Free Flap 126* • *Corneal Haze after LASEK with Mitomycin 128* • *Flap Wrinkles 129*

18. Pascucci's LASIK Complications 131
Stephen Pascucci

19. Wang's LASIK Complications 135
Shawna L Hill, Tracy Swartz, Ming Wang
• *Decentered Ablation Status Post A High Myopic Treatment 135*
• *Refractive Instability Status Post-LASIK 140* • *Diffuse Lamellar Keratitis (Sands of Sahara) 145*

20. Kim's LASIK Complications 151
Terry Kim
• *Case 1: Recurrent Epithelial Ingrowth Treated with LASIK Flap Suturing 151*
• *Case 2: Treatment of Traumatic LASIK Flap Dislocation and Epithelial Ingrowth with Fibrin Glue 153*
• *Case 3: Medical and Surgical Treatment of Atypical Mycobacterial Keratitis Following LASIK 155*

21. Chang's LASIK Complications 159
JS Chang
• *Diffuse Lamellar Keratitis 159* • *Epithelial Ingrowth 161*

Index 165