

Refractive Aspects of Cataract Surgery: Selection of Treatment Technology

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PROGRAMME AND PURPOSE

Program:

1. Innovation & Mindset Shift
2. What Is Vision Correction Surgery?
3. Procedures Considered Vision Correction
4. Functional Surgery, Not Cosmetic
5. Core Principles for Lens-Based Vision Correction
6. Why Presbyopia-Correcting IOL Adoption Is Low
7. Value Equation
8. Four IOL Roads / Categories
9. Patient Journey (4 Phases)
10. Diagnostics & Evaluation Essentials
11. Tools to Set Expectations
12. Communication Strategy
13. Surgeon's Final Consultation
14. Where You Must Not End Up
15. Modern IOL Practice Trend

Course Description:

This course provides a comprehensive framework for selecting the optimal treatment technology in modern vision-correction and lens-based refractive surgery. It explores the shift from traditional cataract surgery toward a performance-driven, lifestyle-based approach that prioritizes functional visual outcomes. Participants will learn the core principles that guide astigmatism correction, presbyopia solutions, and the full range of available IOL technologies. The curriculum emphasizes the importance of patient education, expectation management, and consistent communication across the clinical team. Students will examine the four phases of the vision-correction patient journey and understand how each step influences decision-making. Special attention is given to diagnostic accuracy, including ocular surface evaluation, keratometry, lifestyle assessment, and refractive profiling. The course also covers how to use practical tools such as simulators, outcome databases, and comparative visual models to enhance patient understanding. Through structured modules, attendees will gain insights into balancing benefits, compromises, and cost to maximize patient satisfaction. Real-world examples illustrate how misalignment of expectations can lead to dissatisfaction and how strategic guidance prevents it. The program highlights the growing role of enhanced monofocal and EDOF IOLs in modern practice. By the end, participants will understand how to position themselves as true vision-correction surgeons rather than traditional cataract surgeons. The course provides practical communication strategies to improve

uptake of advanced technologies. Ultimately, learners will be equipped with the knowledge to elevate both clinical outcomes and patient experience.

Purpose:

The purpose of this course is to equip clinicians with the knowledge and strategies necessary to confidently guide patients through lens-based vision correction options. It aims to standardize communication, enhance diagnostic decision-making, and ensure patients understand the value of presbyopia-correcting and astigmatism-correcting solutions. By strengthening the surgeon's ability to align expectations with outcomes, the course helps minimize dissatisfaction and increase patient trust. It also seeks to modernize clinical practice by promoting a functional, performance-oriented approach rather than a purely disease-driven mindset. Ultimately, the course empowers participants to deliver higher-quality visual results and an improved patient experience.

Target Attendees:

Ophthalmologists learning and advancing in their phacoemulsification career.