



# Indore Divisional Ophthalmological Society

Where vision Meets Legacy : 50 Strong Years



Workshop  
ON

## REFRACTIVE SURGERY FROM BASICS TO ADVANCED.



Sunday,  
**26<sup>th</sup>** October, 2025  
8:30 am to 2:00 pm



Brilliant Convention Centre,  
Indore.

### FACULTY LEADS



**DR ROHIT SHETTY**

Workshop Chair &  
Moderator across sessions



**DR AMIT PORWAL**

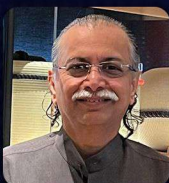
Lead programme  
coordinator



**DR SHRUTI MARU**

Coordinator

### NATIONAL FACULTY:



**DR CHANDRASHEKHAR  
WAVIKAR**



**DR NATASHA PAHUJA**



**DR AARTI AGRAWAL**



**DR ABHA SHAH**



**DR VIBHA SINGH**



# HIGHLIGHTS OF THE MEETING

- Complex cornea & diagnostics
- Planning Recorrection on an unhappy patient
- Ray tracing & custom ablation
- Zone enlargement
- Wave light plus / Schwind customization / IVIS Cipta
- Trehalose, Cyclosporine, Resveratrol, omega 3 drops & more in post operative wound healing.
- Video based discussion on lenticule extraction.
- What I should know before I plan to buy a lenticule platform.
- Difficult cases & planning.

## COMPLEX CORNEA & LENTICULE SURGERY

### DEFINING THE COMPLEX CORNEA FOR THE REFRACTIVE SURGEON IN 2025

- ➔ Role of advanced diagnostics, aberrometry, and biomechanics in 2025

### KEY CONSIDERATIONS IN REFRACTIVE SURGERY

- ➔ Should I invest in epithelial maps?
- ➔ Algorithm for choosing the right procedures today
- ➔ Deciding between truth and noise in modern refractive practice



## ADVANCEMENTS IN SURFACE ABLATION

- ➔ Perfecting PRK in 2025

## LIVE PLANNING OF CUSTOMIZED TREATMENTS (SCHWIND & CONTOURA)

- ➔ Recorrection strategies
- ➔ Zone enlargement techniques

## OPTIMIZING OUTCOMES IN LENTICULE SURGERY

- ➔ Understanding energy and spot profiles in lenticule-based procedures
- ➔ Smart lubricants & immunomodulators  
For pre- & post-operative healing
- ➔ The impact of trehalose, cyclosporine, resveratrol and omega 3 drops on corneal healing and dry eye management.

## CURRENT LENTICULE PLATFORMS & THEIR UNIQUENESS

- ➔ Video-based discussion: Mastering lenticule surgery
- ➔ VisuMax SMILE
- ➔ Elita silk
- ➔ Schwind atos
- ➔ Ziemer clear
- ➔ Achieving the perfect 20/20 wow vision with lenticule surgery
- ➔ Bring your complex cases for expert opinion and discussion !



Format: Plug-and-play videos + case-based discussions (5 min talk + 5 min discussion)



## **SESSION 1:   DIAGNOSTICS & PLUG-AND-PLAY PLATFORMS.**

Focus: Foundation for refractive decision-making.

### **Plug-and-Play Demonstrations:**

- ➞ **Pentacam** – tomography, elevation, pachymetry basics.
- ➞ **Corvis ST** – biomechanics and stress-strain index.
- ➞ **MS-39 (anterior segment OCT)** – epithelial mapping and stromal evaluation.
- ➞ **Interesting Cases** : screening & diagnostic dilemmas.

## **SESSION 2:   MODERN-DAY REFRACTIVE SURGERY WITH EXCIMER LASERS.**

Focus: Technology-driven precision planning.

### **Platforms & Planning Tools:**

- ➞ **Contoura Vision.**
- ➞ **Wavelight Plus customization.**
- ➞ **Schwind-Amaris planning options.**
- ➞ **Plug-and-Play Case Videos** showing step-by-step planning and outcomes.



### SESSION 3: **PLANNING THE PERFECT PRK**

Focus: Surface ablation science & clinical art.

- ➞ Patient selection & contraindications.
- ➞ Wound healing biology & adjuncts.
- ➞ Managing haze, regression, and thin corneas.
- ➞ Interactive Clinical Cases: healing challenges, long-term outcomes.

### SESSION 4: **LENTICULE EXTRACTION WORKSHOP**

Focus: SMILE and lenticule-based procedures.

#### **Platforms :**



ZEISS VisuMax SMILE



Elita SILK Lenticule



SCHWIND ATOS



Ziemer  
FEMTO platforms

- ➞ Video-Based Outcomes: surgical nuances, complications, and enhancements
- ➞ Potpourri of cases of refractive surgery dilemma.



## **SESSION 5: CHALLENGING CASES – FROM CLINICS TO BIOLOGY.**

Focus: Translating cases into biological understanding

### **Case-based discussions:**

- ➞ Epithelial remodeling after refractive surgery
- ➞ Biomechanical failures and ectasia spectrum
- ➞ Delayed healing / neurotrophic issues
- ➞ Open discussion.

### **Local Faculty: Panelist / Speakers**

Dr Rajiv Chaudhary | Dr Shardini Vyas | Dr Satish Premchandani  
Dr OP Agarwal | Dr Aditya Agarwal | Dr Suhas Bande  
Dr Sandeep Chaurasia | Dr Bharat Jain | Dr Safi Modiwala  
Dr Rajeev Hardia | Dr Rajendra Malviya | Dr Kavita Porwal  
Dr Prashant Bhartiya | Dr Arpit Sharma | Dr Pratik Tiwari  
Dr Harsh Mone | Dr Sachin Arya | Dr Urvija Chaudhary  
Dr Shruti Maru | Dr Trusha Agrawal | Dr Nikunj Tak  
Dr Aanchal Agarwal | Dr Palak Agrawal | Dr Saurabh Jain



**DR AMIT PORWAL**

President, IDOS



**DR SHRUTI MARU**

Clinical Secretary, IDOS



**DR SUMEET AGRAWAL**

Hon Secretary, IDOS

Workshop  
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