



**SWAMI VIVEKANAND  
NETRA MANDIR**

Super Speciality Eyecare Hospital

**KICK START YOUR CAREER AS A CATARACT  
CONSULTANT WITH OUR**

## **SHORT TERM PHACO-EMULSIFICATION FELLOWSHIP PROGRAM**

**Get Hands-On Experience in:**

- ✓ OPD Patients Exam
- ✓ Biometry Training
- ✓ Phaco-emulsification  
& MICS

**APPLY NOW**

✉ [ceo.svnm@gmail.com](mailto:ceo.svnm@gmail.com)

🌐 [www.svnmeyehospital.in](http://www.svnmeyehospital.in)

**DURATION**

➡ 30 Days (From Start Date)

**PROGRAM LEADER**

➡ Dr Bhavin Patel, MS (Ophthal)



**SVNM EYE HOSPITAL,  
JJ EMPIRE, B/S DAYALJI ASHRAM, MAJURA GATE, SURAT**



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## **SVNM International Short-Term Fellowship in Phacoemulsification (1 Month)**

**Under the Global Skill Exchange &  
Vision Care Advancement Program**

- **Host Institute:** SVN M Super Speciality Eye Hospital, India
- **Duration:** 4 Weeks (Full-Time)
- **Eligibility:** Qualified Ophthalmologists with prior SICS experience
- **Fees:** Nil (Fully Sponsored by SVN M)
- **Intake:** 2–4 Fellows per Batch
- **Goal:** To create globally competent cataract surgeons through hands-on phaco training while promoting international knowledge exchange.

### **PROGRAM OBJECTIVES**

By the end of this fellowship, the participant will be able to:

- Perform independent phacoemulsification surgery
- Manage routine cataracts using phaco
- Handle common intra-operative complications
- Select appropriate IOLs for different patient profiles
- Understand high-volume phaco workflow
- Deliver cost-efficient premium cataract care



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## WEEK-WISE CURRICULUM STRUCTURE

### WEEK 1: FOUNDATION & OBSERVATION

#### Academic Training:

- Phaco machine physics & fluidics
- Incision architecture & wound construction
- Capsulorhexis techniques
- Nucleus management strategies
- IOL power calculation (SRK/T, Barrett)
- OT infection control & sterilization protocols

#### Clinical Exposure:

- Observe 20–25 Live Phaco Surgeries
- OT flow orientation
- Phaco machine handling
- Wet-lab simulation training

#### Output:

- Perform capsulorhexis on artificial eyes
- Understand full phaco surgical sequence

### WEEK 2: ASSISTED HANDS-ON SURGERY

#### Surgical Training:

- Entry incision creation
- Hydrodissection & Hydrodelineation
- Divide & Conquer Technique
- Cortex removal
- IOL implantation

#### Surgical Exposure:

- Assist 10–12 Phaco Surgeries
- Perform selected surgical steps under mentor control

#### Academic Focus:

- Energy modulation strategies
- Managing small pupil cataracts
- Machine parameter optimization



## **WEEK 3: SUPERVISED PRIMARY SURGEON**

### **Surgical Training:**

- Perform minimum 8–10 Phaco cases as primary surgeon
- Nuclear fragment management
- Posterior capsule protection
- Wound hydration and chamber stability

### **Complication Handling:**

- PCR management
- Zonular dialysis
- Dropped nucleus prevention

### **Clinical Exposure:**

- High-volume cataract days
- Free cataract surgery camps workflow
- Patient counselling & premium upgrade communication

## **WEEK 4: CONSOLIDATION & CERTIFICATION**

### **Surgical Training:**

- Perform independent Phaco surgeries (10–12 cases)
- Multiform nucleus handling
- Astigmatism management
- Final outcome optimization

### **Practice Management Exposure:**

- High-volume phaco OT efficiency
- Cost-controlled phaco models
- Outreach-linked surgical conversion system

### **Final Assessment:**

- Theory Viva
- Surgical Video Assessment
- Complication simulation drills



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## **MINIMUM SURGICAL NUMBERS (TARGET)**

### **Type Number**

**Observed Phaco :** 25+

**Assisted Phaco :** 10-12

**Primary Surgeon Phaco :** 18-22

**Wet Lab Practice. :** 10+ Hours

### **ADDITIONAL EXPOSURE**

- Premium IOL selection
- Day-care surgical systems
- International quality documentation
- Medicolegal protocols
- OT staff management
- CSR-based free surgery model

### **CERTIFICATION**

Participants will receive:

- International Fellowship Certificate in Phacoemulsification – SVN M
- Logbook with surgical exposure
- Video-based skill assessment report
- Letter of Clinical Training Completion

### **FACULTY INVOLVEMENT**

- 2 Senior Phaco Consultants
- 1 Vitreo-Retinal Surgeon for posterior complication orientation
- OT Head Nurse & Biomedical Engineer



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