



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
-  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**



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

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

- **Host Institute:** SVNM Super Speciality Eye Hospital, India
- **Duration:** 4 Weeks (Full-Time)
- **Eligibility:** Qualified Ophthalmologists with prior SICS experience
- **Fees:** Nil (Fully Sponsored by SVNM)
- **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



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



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 – SVNM
- 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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