

# **Training Programme in Phacoemulsification for Ophthalmologists**

## **(1) Introduction :**

Divyajyoti Trust is a voluntary development organisation involved in eye care activities in rural tribal areas of Surat district of south Gujarat. Divyajyoti Trust endeavors to reach out & assist the poorest of poor for eye care through base hospital & outreach programmes based upon the community needs & available manpower.

EYE Programme:

More and more people are taking advantage of the services provided by hospital covering population of 2.5 million and diagnostic camps in interior rural areas. The programme, which treats 6000 patients and operates more than 1000 patients, every month, has facilities like operating microscopes, Diode & Yag lasers, auto refractor, OCT, clinical specular microscope, A-B scan. Photo slit lamp, Phaco-emulsification & automated perimeter. Surgeries like cataract with intraocular lense implantation & Keratoplasty are regularly performed. About 75% patients get free treatment for which financial assistance from organisations and local community is available.

## **(2) Objectives of the training Programme :**

The Major objective of the training programme is to develop a cadre of trained professionals in the field of eye care work. This will improve the participation of people in the eye care activities which, in turn, increase the cases of surgeries. Ultimately, eye care programme will spread to nook and corner of the targeted geographical area.

## **(3) Duration :**

Residential 1 month programme.

## **(4) Training Methodology :**

- (a) Operation theatre posting for 3 days every week.
- (b) Remaining days of the week will be utilized for practical training in OPD and eye camps organised in rural areas.

- (c) Candidate must be doing manual SICS properly before coming for phaco training.(100 SICS must require)
- (d) Practical training - 20 phaco surgeries will be permitted but it will also depend on the surgical skills of the candidate and accordingly the no. of surgeries may vary. Similarly the timing may be different depending upon individual candidate as he/she performs various tasks during the training.
- (e) The training will include didactic lectures in phaco surgery technique also.

#### Course Description:

#### (A). **Basic Phaco Training Programme:**

1. We provide a customized step wise training course in the art of Phacoemulsification by stop and chop technique.
2. Surgical skill transfer involves step wise observation of surgical procedure by senior ophthalmic surgeons. The trainee is then taught phacoemulsification by stop and chop technique of nucleus management in a step wise manner. This includes incisions, capsulorrhexis, hydrodissection, nucleus disassembly by the stop and chop technique ,bimanual irrigation aspiration, and introduction of a foldable IOL. Only one foldable IOL will be given during basic training. Five foldable IOLs can be given at an additional payment of Rs. 3000/-.
3. The course also involves observing and discussing the following challenging cases such as management of non dilating pupils, hard cataract, anterior vitrectomy for PCR, as well as CTR/CTS insertion for subluxated cataract etc

#### (B). **Advanced Phaco Training:**

The advanced Phaco training course involves skill transfer of specific skills which include:

- Topical Phaco
- Transition to Phaco chop
- Stop and Chop
- Direct drop
- Hard cataract management

Some or all of the above technique will be discussed, demonstration and taught.

## **(5) Medium:**

The medium of training will be English.

## **(6) Fees:**

- (f) Fees of Rs. 40,000/- (Rs. Fourty thousand only ) will have to be paid in advance by Bank Demand Draft. The DD should be drawn in favour of “ Divyajyoti Trust” payable at Dena bank, Mandvi, District Surat ( Gujarat).
- (g) In addition accommodation charges will be Rs. 350/- extra per day (twin sharing AC room will be provided). Food bill will be @ Rs. 150/- per day.
- (h) Travel cost, either way will be borne by the trainee.

## **(7) Accommodation:**

An independent room will be provided as far as possible. In case of shortage of accommodation, trainee may have to share the room with either other trainees or doctor working in Divyajyoti Trust.

## **(8) Food:**

Food will be provided by Gujarati Thali system. It will contain Red Gram (Achar) Dal, Rice, Chapati and Vegetables. No special preparations will be made for anybody.

## **(9) Library:**

Library contains reference books and video cassettes which can be used by the trainees.

## **(10) For further information please contact:**

**Dr. Uday Gajiwala**  
Superintendent,  
Divyajyoti Trust, Mandvi 394 160  
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Website : [www.divyajyotitrust.org](http://www.divyajyotitrust.org)

# BIO DATA

To be submitted by the trainee to join training course at Divyajyoti trust, Mandvi.

**Full Name :** .....

**Postal Address :** .....

**Pin Code :** ..... **Phone (With STD Code) :** .....

**Date of Birth :** .....

**Educational Qualifications :**

Examination Passed	Year of passing	Board / University	Percentage of marks	Remarks

**Previous work experience in ophthalmology:**

Name of hospital or NGO	Nature of work done	Period (Dates)	
		From	To

Reason why applicant wants training in ophthalmological work / para medical work ?

Please read carefully general information about Divyajyoti Trust and facilities available for trainees before sending this form.

**Name of organisation:**

**Full postal address:**

**Phone No :**

**Fax No :**

**Email Address :**

Signature of candidate

Signature & seal of the sponsoring  
**Organisation**

Place:

**Date :**