

SHORT TERM PAID TRAINING COURSES

SCOPE

Short term paid training courses in the following fields:

- Ophthalmic diagnostics
- Ophthalmic operation room sterilization & central supply and sterilization techniques.

PURPOSE:

Ophthalmic diagnostics: The purpose of the above courses will be to develop trained ophthalmic manpower in the region. Optometrists can be trained in ophthalmic diagnostics like B-scan, OCT, FFA, A-Scan and visual fields analysis and Multifocal ERG. This will empower them with additional skills for better employment. Ophthalmologists can send optometrists for these training and enhance their own practice area, The Institute gains in providing specific high quality training in this area also additional manpower at no cost.

Operation room technicians: Ophthalmologist would benefit by sending personnel for this training so as to enhance their own operation room capabilities.

Objectives of Specialized Optometry Training (SOT):

These courses will enable the candidate-

- To understand the principles behind the diagnostic tool
- To perform on the diagnostic machine
- To interpret result

SPECIALIZED OPTOMETRY TRAINING (SOT) IN ANTERIOR SEGMENT DIAGNOSTICS

The courses will enable the candidate –

- To understand the principles behind the diagnostic tool
- To perform on the diagnostic machine
- To interpret results

Anterior Segment Diagnostics– (3 month)

Anatomy and physiology of cornea & lens

Anatomy and physiology of trabecular meshwork

Anatomy and physiology of the visual pathway

Corneal topography:

- Principles of corneal topography
- Machine orientation: Hardware & Software
- Performing tests
- Interpretation of results

Manual and automated keratometry:

- Principles of keratometry
- Machine orientation
- Performing tests
- Interpretation of results

A-scan:

- Principles of A-scan
- Machine orientation: Hardware & Software
- Performing tests
- Interpretation of results

Visual field analysis with HVFA:

- Principles of visual field testing
- Machine orientation: Hardware & Software
- Performing tests
- Interpretation of results

Anterior Segment OCT:

- Principles of Anterior Segment OCT
- Machine orientation
- Performing tests

- Interpretation of results

Specular Microscopy:

- Principles of Specular Microscopy
- Machine orientation
- Performing tests
- Interpretation of results

Course duration – 3 Months:

January - March, April - June, July - September, October – December
Orientation & Didactic lectures, History taking & examination in specific departments
Hands on training

Course conduction:

The course will be conducted in :

- Introductory lectures
- Hands on training
- Assessment at completion [Optional]

Reading materials will be made available. List of articles/books to be read will be provided,
Daily postings in the required department
Presentation.
Log book.

Course Supervisors:

The candidate will be under the direct supervision of Senior designated optometrist (Retina/anterior Segment). Overall guidance will be provided by respective Consultants. Coordination will be provided by Education department.

Eligibility: B.Sc. in Optometry / Diploma in Optometry

Course fee: Rs.18,000/- (non-refundable) with accommodation. Food will be charged extra.

Contact with CV to:

The Director, MGM Eye Institute, 5th Mile Vidhan Sabha Road, Raipur(CG)493111

SPECIALIZED OPTOMETRY TRAINING (SOT)IN RETINAL DIAGNOSTICS:

The courses will enable the candidate –

- To understand the principles behind the diagnostic tool
- To perform on the diagnostic machine
- To interpret results

Retinal diagnostics - (3 Months)

- Anatomy and physiology of the retina
- Anatomy and physiology of the visual pathway
- Retinal examination techniques

Optical coherence tomography (OCT):

- Principles of OCT
- Machine orientation: Hardware & Software
- Performing tests with OCT
- Interpretation of results

B-scan ultrasonography (B-scan):

- Principles of B-scan
- Machine orientation: Hardware & Software
- Performing B-scan
- Interpretation of results

Fundus Fluorescein Angiography (FFA):

- Principles of OCT
- Machine orientation: Hardware & Software
- Performing FFA
- Interpretation of results
- Tackling emergency situations

Course duration – 3 Months

January - March, April - June, July - September, October – December

Orientation & Didactic lectures, History taking & examination in specific departments

Hands on training

Course conduction:

The course will be conducted in:

- Introductory lectures
- Hands on training
- Assessment at completion [Optional]

Reading materials will be made available. List of articles/books to be read will be provided

Daily postings in the required department

Presentation

Log book

Course Supervisors:

The candidate will be under the direct supervision of Senior designated optometrist (Retina/anterior Segment). Overall guidance will be provided by respective Consultants. Coordination will be provided by Education department.

Eligibility: BSc in Optometry / Diploma in Optometry

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SHORT TERM OPTOMETRY FELLOWSHIP IN 'LOW VISION'

Topics :

- Low vision basics (Introduction & Definition)
- Causes of Low Vision
- Low Vision assessment
- Functional vision assessment
- Optical devices for distance
- Optical devices for near
- Non optical devices
- Electro optical devices

Course Duration: 6 months.

Reading material :will be made available. List of articles/books to be read, will be provided

- Daily postings in the required department
- Presentations
- Log Book

Course Supervisors:

The candidate will be under direct supervision of Senior designated Optometrist and overall guidance will be provided by the respective Consultant. Coordination will be provided by Education Department.

Eligibility: BSc in Optometry / Diploma in Optometry from a recognized University.

Contact with CV to:

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SHORT TERM OPTOMETRY FELLOWSHIP IN 'CONTACT LENS'

Topics :

- Anatomy and physiology of the eye pertaining to Contact Lens
- Basics of CL
- CL material
- Preliminary examination
- Soft CL fitting
- Toric CL Fitting
- RGP CL Fitting
- Contact Lens teaching
- CL Care System
- CL Followup workup
- CL Complication & Management
- Advance type of CL

Course Duration: 6 months.

Reading material :will be made available. List of articles/books to be read, will be provided

- Daily postings in the required department
- Presentations
- Log Book

Course Supervisors:

The candidate will be under direct supervision of Senior designated Optometrist and overall guidance will be provided by the respective Consultant. Coordination will be provided by Education Department.

Eligibility: BSc in Optometry / Diploma in Optometry from a recognized University.

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SHORT TERM CSSD TRAINING COURSE

The course will enable the candidate to-

- Prepare linen/pads etc. for Operation room use
- Prepare various surgical trays
- Clean, disinfect and sterilize surgical instruments
- Operate various types of steam sterilizers
- Operate EO gas sterilizers
- Maintain stock of consumables in central store
- Perform operation room disinfection
- Perform sample collection in operation room microbiological surveillance

Course Duration: 2 months

(January - February, March – April, May – June, July – August,
September – October, November – December)

Course conduction

- The candidate will be posted only in CSSD.
- Reading materials will be provided.
- Various protocols will be provided
- Hands on experience in all the aspects including OR surveillance sample collection

Course Supervisors:

The candidates will be under the direct supervision of CSSD personnel and mentored by Sister/I/C. OR/CSSD. Overall guidance will be provided by Consultant I/C (OR). Coordination will be provided by Education department.

Course eligibility: 10+2 - Nominated by ophthalmologist

Contact with CV to:

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