



**MALAYSIAN OPTICAL COUNCIL  
MINISTRY OF HEALTH MALAYSIA**

**CANDIDATE HANDBOOK FOR  
CLINICAL ATTACHMENT**

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## INTRODUCTION

Clinical attachment is introduced as one of the conditions for Malaysian citizen who apply for full registration as optometrist but could not be registered under section 19 (1) of the Optical Act 1991. The applicants are required to undergo clinical training at any higher education provider in Malaysia which runs optometry program recognized by the Malaysian Optical Council (MOC). After completing the attachment, the applicant/trainee should achieve the following objectives:

- a. examine eyes for disorders and dysfunction of vision and the visual system, and provide appropriate management for such conditions;
- b. examine eyes for the purpose of detecting ocular diseases and systemic problems with ocular manifestations at the primary care level and provide the appropriate referral of such conditions;
- c. prescribe, edge, fit and dispense all optical appliances;
- d. prescribe and institute vision therapy for conditions that afflict the binocular coordination of the two eyes;
- e. prescribe and institute rehabilitation programs for patients with low vision conditions;
- f. advise and manage vision problems related to the work place and sports;
- g. participate in the research and development activities in the area of optics and vision science;
- h. function as techno-preneur who combine professional clinical services with the dispensing of appropriate optical appliances.

## WHO SHOULD UNDERGO CLINICAL ATTACHMENT

Applicant who underwent a three years optometry program (either listed or not listed in the Second Schedule of the Optical Act 1991) and he or she has never undergo pre-registration scheme upon graduation from any institution.

## **IMPLEMENTATION OF THE CLINICAL ATTACHMENT**

- i. For those who has qualification listed in the Second Schedule of Optical Act 1991 but the program was three years only, clinical attachment is mandatory for applicant who enrol into the optometry program after commencement of PQA.
- ii. For the unlisted qualification and the program was three years only, clinical attachment will be implemented immediately.

## **RESPONSIBILITIES**

The trainee is responsible to:

- comply with regulations sets by the institution.
- adhere to the schedule of learning and training set by the institution.
- inform the Malaysian Optical Council of any changes to the supervisor or training site during the training period.
- make self-directed learning.
- prepare for a Professional Qualification Assessment (PQA) upon completion of the clinical attachment.

## **APPLICATION**

- i. Applicant will receive 'a letter of command to undergo clinical training' issued by MOC and must submit the letter to the institution where the clinical training will take place (as in appendix A) and fulfil the requirement below:
  - a) Monitored by supervisors appointed by the Council.
  - b) Complete logs provided by the Council.
  - c) Complete training period of 1 year or minimum of 800 hours.
  - d) Comply with the conditions or regulations set by the clinical training site.
- ii. Trainees who have completed and passed the clinical attachment will have to sit for PQA before they can be registered as optometrist under section 19(2) Optical Act 1991.

## LOGBOOK

The logbook allow each trainee to log the quantity and type of patients they see each day and to identify any areas where they require more experience. The trainees need to record the quantity of cases and types of patients found, examined and observed daily in the notebooks according to the format provided. Example of log sheet is at Appendix B and can be downloaded at [www.moh.gov.my](http://www.moh.gov.my).

The purpose of this handbook is to provide:

- a method for reporting the clinical attachment attendance and recording the experience gained.
- templates for the observational record evidence, patient record card and daily/weekly log sheet each trainee will need to provide as part of the assessment process
- templates which can be used for recording aspects of the patient encounters, observed and for reflection.
- a tool to facilitate monitoring and evaluation by trainers or supervisors.

### Minimum experience / case requirement

Trainee must complete the minimum:

Patient encounter	Type of evidence required
<b>Primary Eye Care</b>	
Complete minimum 150 refractions includes: <ul style="list-style-type: none"> <li>• 10 cases of myopic astigmatism</li> <li>• 10 cases of Hyperopic astigmatism</li> <li>• 10 cases of Paediatric/cycloplegic</li> <li>• 10 cases of Post-cataract operation with IOL</li> <li>• 3 cases of Aphakia</li> <li>• 3 cases of Presbyopia</li> </ul>	Logbook Patient record
<b>Low Vision</b>	
At least one patient with visual impairment requiring a visual field assessment	Patient record
At least one patient with visual impairment requiring a low vision aid	Patient record
Any 3 cases related to low vision	Logbook
<b>Binocular Vision</b>	
At least one patient with binocular vision anomaly	Patient record
At least one patient with incomitancy	Patient record
Any 5 cases related to binocular vision, strabismus and orthoptics	Logbook

Contact Lens	
10 Contact Lens Fitting (SCL & RGP)	Logbook
10 Contact Lens Aftercare (SCL & RGP)	Logbook
At least 3 patient requiring soft contact lens fitting	Observational record or Patient record
At least 3 patient requiring RGP fitting	Observational record or Patient record
At least 3 patient requiring aftercare for soft contact lens	Observational record or Patient record
At least 3 patient requiring aftercare for RGP	Observational record or Patient record
At least one patient requiring contact lens for one of the following: <ul style="list-style-type: none"> <li>• Keratoconus</li> <li>• Aphakia</li> <li>• Post-refractive surgery</li> </ul>	Observational record in all cases
Paediatric	
At least one child with binocular vision anomaly	Patient record
At least one child under the age of two years	Observational record or Patient record
At least one child with amblyopia	Patient record
Ocular Disease	
At least one each of the following patient types: <ul style="list-style-type: none"> <li>• Red eye</li> <li>• Cataract</li> <li>• Glaucoma</li> <li>• Retinal disease</li> </ul>	Patient record in all cases
Others (5 cases each)	
K-Reading	Logbook
A-Scan	Logbook
Visual Field (Automated Humphrey)	Logbook
Visual Field (Bjerrum)	Logbook
Hess Chart	Logbook
Color Vision (Ishihara, D15, 100 Hue)	Logbook
Corneal Topography	Logbook
Fundus Photography	Logbook
Other procedure (state.....)	Logbook

## SIGN OFF

i. Each trainee must take this booklet with them and complete it during their clinical attachment. Once completed, the booklet must be shown to the practice supervisor to confirm that the trainee has completed the clinical attachment satisfactorily.

ii. Applicant then submits the logbook to the MOC for evaluation and approval to sit for PQA. (refer to Candidate Handbook for PQA).

NO.	INSTITUTIONS NAME	ADDRESSES
1.	Universiti Islam Antarabangsa Malaysia	Kuliyah Sains Kesihatan Bersekutu Universiti Islam Antarabangsa Malaysia Jalan Sultan Ahmad Shah Bandar Indera Mahkota 25200 Kuantan, PAHANG
2.	Universiti Teknologi MARA Kampus Puncak Alam	Pusat Pengajian Optometri Fakulti Sains Kesihatan Universiti Teknologi MARA Kampus Puncak Alam 42300 Bandar Puncak Alam, SELANGOR
3.	Universiti Kebangsaan Malaysia	Program Optometri & Sains Penglihatan Pusat Pengajian Sains Jagaan Kesihatan Universiti Kebangsaan Malaysia Jalan Raja Muda Abdul Aziz 50300 KUALA LUMPUR
4.	Universiti SEGi	Fakulti Optometri Dan Sains Penglihatan Universiti SEGi No.9, Jalan Teknologi, Kota Damansara 47810 Petaling Jaya, SELANGOR
5.	Management & Science University	Faculty of Health and Life Sciences Management & Science University University Drive, Seksyen 13 40100 Shah Alam, SELANGOR.