CONTACT LENS COURSE MODULE FOR REGISTERED OPTICIAN MALAYSIAN OPTICAL COUNCIL

MODUL KURSUS KANTA LEKAP UNTUK JURUOPTIK BERDAFTAR MAJLIS OPTIK MALAYSIA

As a requirement for the application to sit for
Contact Lenses Examination Under Section 30(5) Optical Act 1991

Sebagai syarat untuk permohonan menduduki
Peperiksaan Kanta Lekap Di Bawah Seksyen 30(5) Akta Optik 1991

Effective Date 7 September 2023

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1. INTRODUCTION

Registered Opticians have over the years been applying for permits to prescribe contact lens as part of their practice. Their training and experience however varies from practitioner to practitioner and it is difficult to monitor the quality of the service provided. Hospital data shows that the incidence of contact lens related ocular complications is significant and is a course for concern. Whilst the move is to change the practice to allow only appropriately trained practitioner to prescribe contact lens it is imperative upon the Malaysian Optical Council to ensure that the remaining registered opticians who are eligible by law to prescribe contact lens are properly trained.

It is recommended that prior to assessment the relevant professional bodies conduct a course on contact lens that entails the prescribing, fitting, dispensing and performing an aftercare examination of contact lens wearers for their members.

Upon completion of the course the opticians are eligible to apply for the contact lens examination under section 30(5) of The Optical Act 1991.

2. COURSE OBJECTIVES & OUTCOME

To prepare registered opticians eligible by law to prescribe, fit and dispense contact lens safely.

2.1 SPECIFIC OBJECTIVES

1. To provide theoretical knowledge on the basic anatomy and physiology of the eye with special reference to the eyelids, conjunctiva, cornea and the tear film.
2. To provide basic knowledge on the disorders of the eyelids, conjunctiva, cornea and the tear film and their recognition.
3. To provide basic knowledge on the optics of contact lens, types of contact lens and indications for their use.

4. To provide the necessary knowledge on the proper prescribing, fitting, dispensing and aftercare in contact lens practice including detection of common contact lens associated problems with subsequent management (including early referral) of the problem.
5. To provide knowledge on the setting up of a proper and safe contact lens practice.

2.1.1 SPECIFIC OBJECTIVE 1

To provide theoretical knowledge on the basic anatomy and physiology of the eye with special reference to the eyelids, conjunctiva, cornea and the tear film.

Targets:

1. Basic understanding of anatomy of the eyelids, conjunctiva, cornea and the tear film.
2. Basic understanding of physiology of the eyelids, conjunctiva, cornea and the tear film.

2.1.2 SPECIFIC OBJECTIVE 2

To provide basic knowledge on the disorders of the eyelids, conjunctiva, cornea and the tear film and their recognition.

Targets:

1. Basic understanding of common disorders affecting the eyelids, conjunctiva, cornea and the tear film.
2. Demonstrate the ability to distinguish the difference between the normal and abnormal structure of the eye.
3. Demonstrate the ability to recognise common disorders affecting the eyelids, conjunctiva, cornea and the tear film.
4. Demonstrate the ability to perform specific techniques to assess tear film function and corneal integrity. .e.g.: use of flourescein in the assessment of tear film stability, Schirmer test, and diagnosis of corneal abrasion.

2.1.3 SPECIFIC OBJECTIVE 3

To provide basic knowledge on the optics of contact lens, types of contact lens and indications for their use and contact lens solutions.

Targets:

1. Basic understanding of contact lens optics.
2. Acquired knowledge of the types of lens available in the market and their indication for use.
3. Acquired knowledge on contact lens solutions and the proper care of contact lenses.

2.1.4 SPECIFIC OBJECTIVE 4

To provide the necessary knowledge on the proper prescribing, fitting, dispensing and aftercare in contact lens practice including detection of common contact lens associated problems with subsequent management (including early referral) of the problem.

Targets:

Competence in the performance/testing of;

1. Use of the ophthalmic appliances associated with contact lens practice e.g. keratometry and slit lamp biomicroscopy.
2. Preparation/placement/removal of diagnostic contact lenses from the eyes (include RGP, soft lenses and special design lenses like toric lenses).
3. Assessment of optimal fit of contact lenses on the eyes and their optical correction.
4. Identifying normal physiological responses and abnormal corneal and lid responses to contact lens wear.
5. Identifying abnormal tear stability changes as results of lens wear.
6. Use of different solutions for contact lens maintenance.
7. Differential diagnosis and detection of signs for contact lens related eye problems.
8. Managing the contact lens related problems including the writing of referral letter.

2.1.5 SPECIFIC OBJECTIVE 5

To provide knowledge on the setting up of proper and safe contact lens practice.

Targets:

1. Demonstrate understanding of a proper contact lens practice that is safe to practitioner and patients by having appropriate appliances such as keratometer, slit lamp biomicroscope and diagnostic lenses for trial.
2. Demonstrate understanding on the level of hygiene required for proper maintenance of contact lenses for office and patients use.
3. Acquired knowledge on a proper recording/recalling system for contact lens patient.

2.2 OUTCOME:

At the end of the course, participants will be able to:

1. Explain basic anatomy and physiology of the eye particularly the corneas and tears.
2. Show the necessary knowledge and skills to diagnose common disorder affecting the anterior segment of the eye.
3. Describe the optics of contact lens, types of contact lens and indications for their use and contact lens solutions.
4. Demonstrate proper prescribing, fitting of contact lenses, detection and management of contact lens associated problem.
5. Set up a proper contact lens practice and carry out contact lenses examination and dispensing in a professional manner.

3. SCOPE AND EVALUATION

3.1 SCOPE

Course content should include subjects for theory and practical examination. The total teaching time should be at least 46.5 hours covering the topics as seen in Appendix 1 for the theory exam and minimum of 74 hours covering 30 hours of guided practical and 44 hours of log book/industrial attachment for the practical exam.

3.2 EVALUATION

The course provider must establish principles and methods for the evaluation of candidate achievement. There must be clear demonstration of the satisfactory achievement of the objectives of all components of the course by a variety of assessment methods and using a system of grading/marking that is fair, valid, appropriate and acceptable.

Assessment should be systematically applied throughout the course with feedback to candidates on their progress or weaknesses.This evaluation framework contains three component that need to be completed by the candidate;

- Theory examination :40%
- Practical assessment :40%
- **Logbook :20%**

The candidate should score at least 50% of each the components above to be awarded the completion of the contact lens course in accordance to the Contact Lens Course Module for Registered Optician, Malaysian Optical Council.

3.2.1 Theory examination

The theory examination is a crucial component of the course curriculum, designed to assess candidates' depth of understanding and knowledge acquisition within the field of contact lenses. The theory examination will be scheduled for 3 hours, during which candidates are required to answer objective questions (one-best-answer).

The objective questions are designed to cover a wide range of topics and concepts taught throughout the course. This examination format allows for a comprehensive assessment of the candidate's knowledge, critical thinking, and ability to apply theoretical concepts to practical scenarios.

It is important to note that successful completion of the theory examination is a prerequisite for passing the course. Achieving a passing grade in this component demonstrates that the candidate has acquired sufficient understanding and competence in contact lenses. Candidates are encouraged to thoroughly prepare for the theory examination by reviewing course materials and self-study.

3.2.2 Practical examination

The practical assessment is a pivotal segment of the contact lens course, serving as a hands-on evaluation of a candidate's practical skills and proficiency in working with contact lenses. This assessment is specifically designed to gauge the candidate's practical application of theoretical knowledge in a real-world setting, ensuring that they can safely and effectively fit and manage contact lenses on their patients.

The practical assessment is divided into two main components: the practical/skill test (component I, II & III) and the Objective Structured Clinical Examination (OSCE) (Component IV). This comprehensive assessment is allocated a dedicated timeframe of approximately , during which candidates are given the opportunity to showcase their practical abilities in a controlled environment under the observation of a qualified examiner.

The practical/skill test is designed to evaluate the competencies related to contact lens fitting and management. In this section, the candidate must demonstrate their proficiency in various tasks including patient communication, pre-fitting assessment, lens selection, insertion and removal techniques, and addressing potential complications. An example of forms that could be used in evaluating components I & II can be found in Appendix 2 and for component III, it can be found in appendix 3.

The OSCE component is designed to assess the knowledge on identify and managing contact lens complication through an actual or simulated patient. An example of forms that could be used in evaluating the OSCE components is shown in Appendix 4i (for actual patients) and in Appendix 4ii (for simulated patient).

It is imperative to emphasize that successful completion of the practical/skill test and OSCE is a prerequisite for passing the contact lens course. Attaining a passing grade in this component is indicative of the candidate's practical readiness and competence in managing contact lenses effectively.

To excel in the practical assessment, candidates are advised to practice diligently, engage in hands-on training sessions, and familiarize themselves with the protocols

and techniques covered in the contact lenses course. A strong performance in the practical assessment reflects the candidate's ability to apply theoretical knowledge and underscores their capability to deliver safe and optimal contact lens care.

3.2.3 Logbook

i. Logbook

Allow each candidate to log the quantity and type of patients they see daily and identify areas where they require more experience. The candidates need to record the number of cases and types of patients found, examined and observed daily in the notebooks according to the format provided. An example of the Logbook can be seen in Appendix 5.

ii. Patient's Record

These templates help record relevant information during observation and for your own reflection. They could be used as the basis of a discussion with the assessor. An example of the Patient's Record could be seen in Appendix 5.

iii. Minimum experience / case requirement

Candidates are required to achieve at least the minimum number of patients for each of the sub-components of contact lenses, as stated in the table below. For example, Soft Contact Lens Fitting requires a minimum of 8 patients, while RGP Contact Lens Fitting requires at least 3 patients. Other Contact Lens Related Complications Cases would require 3 patients, which could consist of conditions such as corneal staining, meibomian gland dysfunction (MGD) or contact lens-induced dry eyes. All the cases seen must be properly recorded in the Logbook & Patient's Record.

Cases	Evidence	Minimum Requirement
Soft Contact Lens Fitting	Logbook & Patient's Record	8
RGP Contact Lens Fitting	Logbook & Patient's Record	3
Soft Contact Lens Aftercare	Logbook & Patient's Record	5
RGP Contact Lens Aftercare	Logbook & Patient's Record	3
Other contact lens related complication cases	Logbook & Patient's Record	3

iv. SIGN OFF

Each candidate must complete the logbook and obtain a signature from the appointed supervisor or local preceptor at the end of each clinical session. Once completed, the logbook must be shown to the practice supervisor to confirm that the candidate has satisfactorily completed the clinical attachment. The Patient's Record will be compiled for the 20%-mark calculation.

4. CRITERIA FOR CONDUCTING THE COURSE

1. The course provider is a university/institution that runs an optometry/opticianry program in Malaysia or an optometry practitioner association or a registered optometry academy organization.

2. Able to comply with the Contact Lenses Course Module for Registered Opticians issued by MOC.

3. Able to conduct the course within the stipulated time (120 hours within 3 to 4 months).

4. Able to provide teaching manpower with:
    a. A minimum Bachelor's Degree in Optometry.
    b. At least 5 years of experience practising optometry, especially in contact lenses.

5. Local preceptor(s) must acquire a Bachelor's Degree in Optometry or Registered Optician with a Permit to Prescribe and Dispense Contact Lenses with a minimum of 3 years experience especially in contact lenses.

6. Able to issue a Contact Lens Course Certificate to a registered optician who has successfully completed the course.

7. In adherence to regulatory standard, the Conjoint Contact Lens Committee, MOC will conduct periodic audits of the contact lens course.

APPENDIX 1

SCOPE OF THE COURSE

TOPIC	HOUR
1 THEORY	
1.1 Basic Anatomy & Physiology of the eye i. Cornea ii. Conjunctiva iii. Eyelids iv. Tear film	**Total**: **3 hours**
1.2 Physical properties of Contact lens Material i. Lens type (Hard, RGP, Soft, and Silicone) ii. Lens design iii. Oxygen permeability iv. Water content v. Oxygen transmissibility vi. Durability vii. Deposits & scratch resistance viii. Rigidity & flexibility	**Total: 5.5 hours** 1 hour 1 hour 2 hours 1.5 hours
1.3 Instrumentation & Verification Type of instrument required in Contact Lens Fitting i. Slit Lamp ii. Keratometer iii. Contact lens verification	**Total: 4 hours** 2 hours 1 hour 1 hour
1.4 Consulting room procedures and equipment i. Hygienic procedures to avoid cross - infection ii. Decontamination and disinfecting of trial lenses	**Total:1 hour**
1.5 Preliminary considerations and examination. i. Discussion with patient ii. Indications and contraindications (Efron Grading Scale) iii. Advantages and disadvantages of contact lens compared with spectacles	**Total: 6 hours** 1 hour 1 hour 1 hour

iv. External eye examination v. Assessment of tears & lids characteristics vi. Patient suitability for lens types (base on diagnosis) vii. Advantages and disadvantages of lens type	3 hours
1.6 Contact Lens Fitting Protocol	**Total: 17 hours**
i. Refraction	5 hours
ii. Measurement of ocular dimensions (keratometer, corneal & pupil size)	1 hour
iii. Lens Selection i. Type of cl ii. Replacement schedule iii. Material iv. Base curve v. Lens diameter vi. Back Vertex Power (Rx) vii. Water content/DK Value viii. Different type of edge and surface treatment of soft contact lens	3 hours
iv. Fitting Assessment for soft lenses & rigid gas permeable lenses. Able to identify loose, tight, flat, steep or optimum fitting using: • Slit lamp • Fluorescein dye pattern for RGP v. Documentation & specification of contact lens after fitting of contact lens	2 hours (Soft lens) 2 hours (Toric lens) 4 hours (RGP)
1.7 Contact lens dispensing/delivery to patient	**Total: 5 hours**
i. Information of the lens care regimen ii. Type of solutions & disinfecting regimen for different types of contact lenses & components of solutions e.g. preservatives, surfactant, chelating agent	2 hours
iii. Insertion & removal technique iv. Information on adaptation v. Information on suggested wearing schedule	2 hours
vi. Information on signs of complication vii. Advice on contact lens wear: Do's & Don'ts viii. After care visit schedule	1 hour

1.7. Aftercare i. Initial discussion/investigate problems &complaints ii. Visual acuity and over-refraction iii. Slit lamp examination & Efron Grading Scale iv. Assessment of contact lens fitting v. Assess contact lens condition vi. Review method of insertion & removal vii. Review lens care regimen	**Total: 2 hours**
1.8 Contact lens wear problems & solutions: i. Skill to differentiate between contact lens and non contact lens emergencies ii. Management of contact lens emergencies; inflammatory and non inflammatory iii. Identify cases that need referral to ophthalmologists iv. Common contact lenses associated problem	**Total: 3 hours**
Total Lecture Hours	**46.5 hours**
2 PRACTICAL	
i. Assessment of Rigid Gas Permeable Contact Lens ii. Assessment of Soft Contact Lens iii. Soft Contact Lens Aftercare examination iv. Rigid Gas Permeable Lens Aftercare examination v. Skills in anterior segment examination - Keratometry and Slit-Lamp biomicroscopy	a. Guided Practical: 30 hours b. Log Book / Industrial Attachment: 44 hours
Total Practical Hours	**74 hours**

APPENDIX 2

CONTACT LENS EXAMINATION (PRACTICAL) FOR REGISTERED OPTICIAN UNDER SEKSYEN 30 (5) OPTICAL ACT 1991

PEPERIKSAAN KANTA LEKAP (AMALI) BAGI JURUOPTIK BERDAFTAR DI BAWAH SEKSYEN 30(5) AKTA OPTIK 1991

COMPONENT I

KOMPONEN I

Time: 30 Minutes

Masa: 30 Minit

PRELIMINARY EXAMINATION FORM

BORANG PEMERIKSAAN PRELIMINARI

Ref No:_____ Date: _____
No.Ruj *Tarikh*

Name:_____ I/C No: _____
Nama *No*

Address:_____
Alamat
_____

Tel. No:_____ Age:_____ Gender: _____
No. Telefon *Umur* *Jantina*

Chief Symptom:

Simptom Utama

Ocular History:

Sejarah Okular

General Health and Medication:

Kesihatan Umum dan Perubatan

PRELIMINARY EXAMINATION

PEMERIKSAAN PRELIMINARI

VA Assessment *Penilaian Akuiti Visual*	**RE** *Mata Kanan*			**LE** *Mata Kiri*		
	Distance *Jauh*	PH/ +1.00	Near *Dekat*	Distance *Jauh*	PH/ +1.00	Near *Dekat*
Unaided *Tanpa Bantuan*						
Aided *Dengan Bantuan*						
Refraction *Refraksi*						
Cover Test *Ujian Katup*						
NPA *Titik Dekat Akomodasi*	**RE** *Mata Kanan*		**LE** *Mata Kiri*		**BE** *Kedua Belah Mata*	
NPC *Titik Dekat Konvergen*						
HVID/VVID *Diameter Iris Ketara Horizontal /Vertikal*						
Pupil Size *Saiz Pupil*						
Palpebral Fissure Height *Ketinggian Bukaan Palpebral*						

	RIGHT EYE *Mata Kanan*	VA	**LEFT EYE** *Mata Kiri*	VA
FINAL RX *Rx Akhir*				
Vertex Distance *Jarak Vertex*				

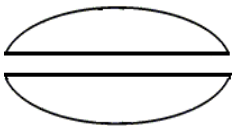
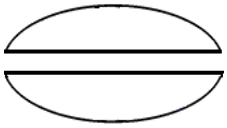
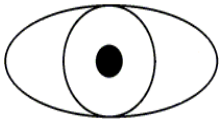
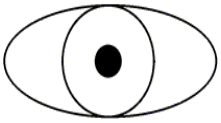
COMPONENT II
KOMPONEN II

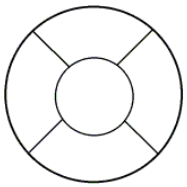
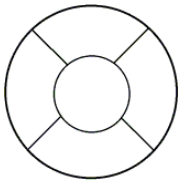
Time: 20 Minutes
Masa: 20 Minit

Keratometry
Keratometri

	RE *Mata Kanan*	LE *Mata Kiri*
Keratometry *Keratometri*	H: @ V: @	H: @ V: @
Corneal astigmatism *Astigmatisma Kornea*		
Calculated *Pengiraan* Diameter: *Diameter* Base Curve: *Keluk dasar*		

Slit Lamp Biomicroscopy
Pemeriksaan Lampu Celah

RE *Mata Kanan*		LE *Mata Kiri*
	Lid and lashes *Kelopak mata dan bulu mata*	
	**Palpebral conjunctiva** *Konjunktiva palpebral*	
	**Bulbar conjunctiva** *Konjunktiva bulbar*	

	Limbus *Limbus*	
	**Cornea** *Kornea*	
	Iris *Iris*	
	Tears Assessment *Penilaian Air Mata*	

Diagnosis:

Diagnosis

Plan / Treatment:

Rancangan Tindakan / Rawatan

CANDIDATE
CALON

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

EXAMINER
PEMERIKSA

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

APPENDIX 3

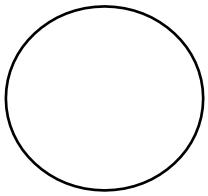
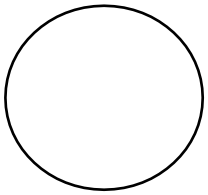
COMPONENT III
KOMPONEN III

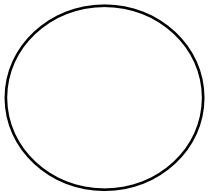
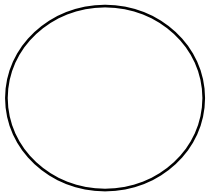
Time: 30 Minutes
Masa: 30 Minit

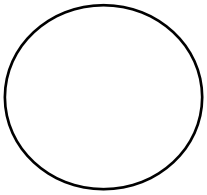
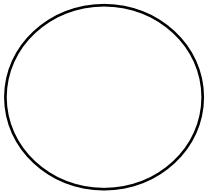
TRIAL FITTING FORM
Borang pemasangan cubaan

NAME: _____ DATE: _____

EXAMINER: _____

FIRST TRIAL *CUBAAN PERTAMA*	RE *Mata Kanan*				LE *Mata Kiri*			
	Brand	BC	Dia	BVP	Brand	BC	Dia	BVP
Lens Coverage and Centration *Sentrasi dan Liputan Kanta*								
Movement *Pergerakan*								
Overall Tightness *Keketatan keseluruhan*								
Fluorescein pattern (for RGP) *Corak floresin (untuk RGP)*								
Other Tests & Comments *Ujian-ujian lain dan komen*								
If fitting is rejected, what would you alter to obtain optimum fitting? *Jika ditolak, apakah yang akan anda lakukan untuk mendapatkan pemasangan optimum?*								
Patient Comfort Rate after 15 minutes *Tahap keselesaan pesakit selepas 15 minit*	☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*				☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*			

SECOND TRIAL *CUBAAN KEDUA*	Brand	BC	Dia	BVP	Brand	BC	Dia	BVP
Lens Coverage and Centration *Sentrasi dan Liputan Kanta*								
Movement *Pergerakan*								
Overall Tightness *Keketatan keseluruhan*								
Fluorescein pattern (for RGP) *Corak floresin (untuk RGP)*								
Other Tests & Comments *Ujian-ujian lain dan komen*								
If fitting is rejected, what would you alter to obtain optimum fitting? *Jika ditolak, apakah yang akan anda lakukan untuk mendapatkan pemasangan optimum?*								
Patient Comfort Rate after 15 minutes *Tahap keselesaan pesakit selepas 15 minit*	☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*				☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*			

THIRD TRIAL *CUBAAN KETIGA*	Brand	BC	Dia	BVP	Brand	BC	Dia	BVP
Lens Coverage and Centration *Sentrasi dan Liputan Kanta*								
Movement *Pergerakan*								
Overall Tightness *Keketatan keseluruhan*								
Fluorescein pattern (for RGP) *Corak floresin (untuk RGP)*								
Other Tests & Comments *Ujian-ujian lain dan komen*								
If fitting is rejected, what would you alter to obtain optimum fitting? *Jika ditolak, apakah yang akan anda lakukan untuk mendapatkan pemasangan optimum?*								
Patient Comfort Rate after 15 minutes *Tahap keselesaan pesakit selepas 15 minit*	☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*				☐ Comfortable *Selesa* ☐ Uncomfortable *Tidak Selesa* ☐ Unacceptable *Tidak Diterima*			

	RE *Mata Kanan*	LE *Mata Kiri*
Over Refraction *Refraksi Lebihan*		

Plan to achieve optimum fitting:
Perancangan untuk mencapai pemasangan yang optima

Suggested Prescription:
Preskripsi Cadangan

RE *Mata Kanan*				**LE** *Mata Kiri*			
Brand *Jenama*	BC	Dia	BVP *Kuasa Verteks Belakang*	Brand *Jenama*	BC	Dia	BVP *Kuasa Verteks Belakang*

CANDIDATE
CALON

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

EXAMINER
PEMERIKSA

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

APPENDIX 4i

CONTACT LENS EXAMINATION (PRACTICAL) FOR REGISTERED OPTICIAN UNDER SEKSYEN 30 (5) OPTICAL ACT 1991

PEPERIKSAAN KANTA LEKAP (AMALI) BAGI JURUOPTIK BERDAFTAR DI BAWAH SEKSYEN 30(5) AKTA OPTIK 1991

COMPONENT IV

KOMPONEN IV

Time: 20 Minutes

Masa: 20 Minit

AFTERCARE EXAMINATION PROCEDURES

Prosedur pemeriksaan lanjutan

Date:_____
Tarikh

Patient's Name:_____
Nama Pesakit

Today WT History:_____ Hours
Masa Pemakaian Hari Ini *Jam*

Usual WT:_____ Hours
Masa Pemakaian Biasa *Jam*

Lens Name: **RE** _____ **LE** _____
Nama Kanta *Mata Kanan* *Mata Kiri*

Care System:_____
Sistem Jagaan

Compliance:_____
Pematuhan

Enzyme:_____
Enzim

Frequency:_____
Kekerapan

Last Used:_____
Kali Terakhir Digunakan

Vision
Penglihatan

Comfort
Keselesaan

Insertion / Removal
Masuk/Pengeluar

Others
Lain-lain

Lens Age: **RE** _____(mth/yr) **LE** _____(mth/yr)
Usia Kanta

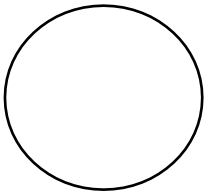
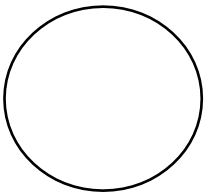
Chief Complaint:
Aduan Utama

Change in Health/Medication/Allergies?
Perubahan pada Kesihatan/Ubat-ubatan/Alahan?

Lens Wearing Schedule
Jadual Pemakaian Kanta

EXAMINATION WITH THE LENS IN THE EYE (BEFORE LENS REMOVAL)

PEMERIKSAAN DENGAN KANTA DALAM MATA (SEBELUM MENGELUARKAN KANTA)

	RE	LE
Visual Acuity with Contact Lenses *Akuiti Visual dengan Kanta Sentuh*		
Over Refraction & VA *Akuiti Visual & Refraksi Lebihan*		
Lens Fitting Evaluation *Evaluasi Pemasangan Kanta*		
OtherTest *Ujian Lain*		

EXAMINATION UPON REMOVAL OF LENS FROM THE EYES

PEMERIKSAAN SELEPAS KANTA DIKELUARKAN DARI MATA

	RE	LE
Lens Inspection *Pemeriksaan Kanta*		
Biomicroscopic Findings *Penemuan Biomikroskopi*		

Summary of Aftercare Visit Assessment *Rumusan Lawatan Penilaian Lanjutan*
Plan *Rancangan Tindakan*

CANDIDATE
CALON

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

EXAMINER
PEMERIKSA

NAME :_____
NAMA

SIGNATURE :_____
TANDATANGAN

DATE :_____
TARIKH

APPENDIX 4ii

CONTACT LENS EXAMINATION (PRACTICAL) FOR REGISTERED OPTICIAN UNDER SEKSYEN 30 (5) OPTICAL ACT 1991

PEPERIKSAAN KANTA LEKAP (AMALI) BAGI JURUOPTIK BERDAFTAR DI BAWAH SEKSYEN 30(5) AKTA OPTIK 1991

COMPONENT IV

KOMPONEN IV

Time: 20 Minutes

Masa: 20 Minit

AFTERCARE EXAMINATION PROCEDURES

PROSEDUR PEMERIKSAAN LANJUTAN

Date:_____
Tarikh

Patient's Name:_____ **Age**:_____ **Gender**:_____
Nama Pesakit *Umur* *Jantina*

CANDIDATE *CALON*		**EXAMINER** *PEMERIKSA*	
NAME *NAMA*	:_____	**NAME** *NAMA*	:_____
SIGNATURE *TANDATANGAN*	:_____	**SIGNATURE** *TANDATANGAN*	:_____
DATE *TARIKH*	:_____	**DATE** *TARIKH*	:_____

APPENDIX 5

LOGBOOK

Buku Log

INDEX

Candidate's Name:

Education Provider:

No.	Date	Age/ Gender/ Race	Case Preliminary / Fitting / Delivery/ Aftercare	Supervisor`s Remarks & Comments	Supervisor`s Signature

APPENDIX 6

PATIENT'S RECORD

Rekod Pesakit

Patient's Name/ID:	**Date:**
Patient's Age:	
Type of Case: ☐ Preliminary ☐ Delivery ☐ Fitting ☐ Aftercare	
Case Summary / Preliminary Examination Findings:	
Slit-lamp Examination & Keratometry:	
Fitting Assessment:	
Management:	
CANDIDATE NAME: SIGNATURE: DATE:	**EXAMINER** NAME: SIGNATURE & STAMP: DATE:

APPENDIX 7

ASSESSMENT SCALE FOR THE PATIENT'S RECORD

Skala Penilaian untuk Rekod Pesakit

Scale: 5 for excellent performance & 0 for incompetent performance

Area Assessed	Objective	Criteria achieved	Scale	Remark
Case Summary / Preliminary Examination Findings	• To obtain the baseline information about the patient.	• Existing wearer: purpose of CL wear, full history of current CL wear (lens type, wearing hour, wearing schedule, maintenance, complaints, sign, infection history), systemic history, etc. • New wearer: main complaints, purpose of CL wear, modality, history of lens wear, if stop-why, relevant ocular & systemic history, etc. • Occupational / visual demand and living environment		
Slit-lamp & Keratometry	• To determine the suitability of the patient to wear contact lens. • To determine the initial contact lens parameters selection (with justification).	• Slit-lamp examination finding (adnexa, conjunctiva, cornea) and relate it to suitability for CL wear with justification • Tear assessment and justification to suitability of CL wear • Ocular health, systemic health and general observation to reach to suitability of CL wear with correct justification • Proper calculation for BC, LD, Rx • Proper selection of the lens material and lens type		
Fitting Assessment	• To correctly identify the fitting characteristic, modify the fitting (if not optimum), and arrive at the optimal CL parameters correctly.	• Properly sketch/record the fitting/coverage of the lens • Properly assess the fitting, able to reach to correct diagnosis (fitting / over-refraction) • Additional features or assessment which justify the assessment in the fitting • Able to show appropriate calculation to reach optimum fitting parameters (BC, LD, Rx) with proper justification • Able to give appropriate justification to determine lens type, lens material, maintenance		

Aftercare	• To perform suitable examination technique in aftercare visit. • To detect CL-related complications. • To describe appropriate management for CL-related complications.	• The candidate is able to perform suitable examination(s) techniques during the aftercare CL examination. • The candidate is able to detect CL-related complications. • The candidate is able to describe appropriate management for the CL-related complications.		
Management	To appropriately educate patient (highlight the area of patient education / consultation based patient's commitment & history)	• Proper consultation of the lens maintenance • Proper consultation of lens wear • Proper consultation of follow up schedule • Proper consultation of sign & symptoms of problematic eye conditions related to CL wear • Proper patient education		
		Scores	**/ 20**	