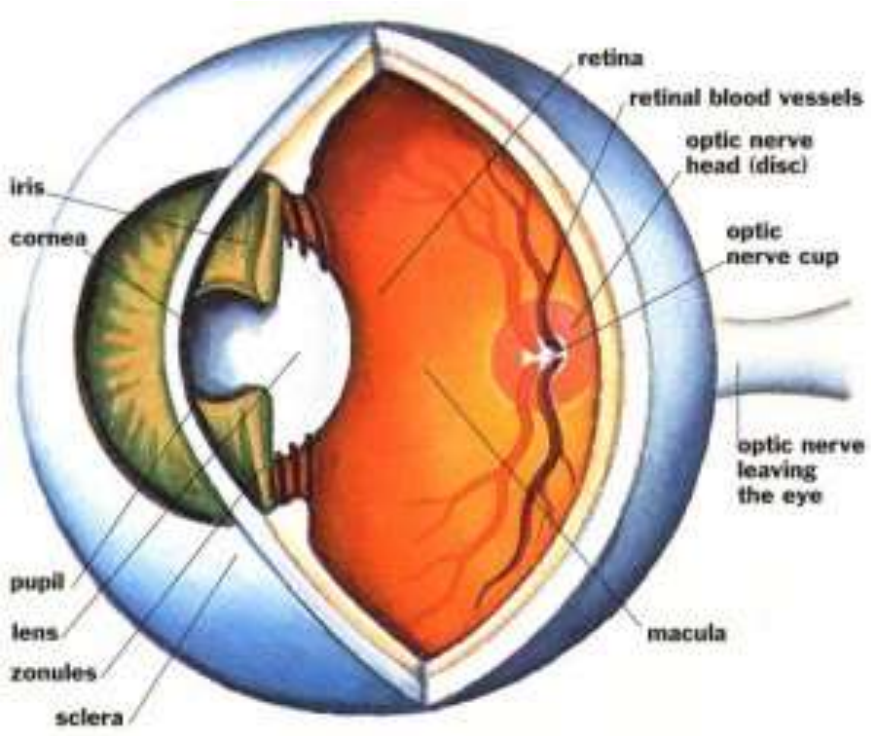
Medical Doctorate (M.D.) Degree of Ophthalmology
Log Book



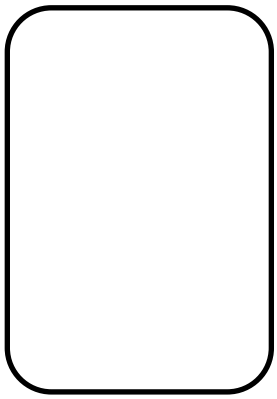
" كراســـــة الأنشـــــطة "

اللازمة لحصول المتدرب على درجة الدكتوراه في طب وجراحة العين

2022-2023

Contents

Personal Data



Name…….
Date of birth……..
Address……
Place of work……
Telephones………**Mobile phone(s)**……..
E mail……

Name of hospital	Period of work	**Hospital director signature**

Academic Information

MBBCh……/……/…… ……..University
Grade ……
Grade of Internal Medicine course on graduation ……..
Others……/……/…… ……..University
……/……/…… ……..University

**** Aim of the activities book***

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

You should fill the following sections:-

1- Clinical case log

1- You will first find list with all required cases in the concerned module and the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.

2- You should record all clinical cases in the module and each case should be signed by you trainer.

2- Clinical case presentation log

Record the cases related to the module that you have presented in a seminar of the activity.

3- Procedures / operations log

1- You will find a list for required procedure, diagnostic – therapeutic operations and level of desired performance you should achieve at the end of training.

2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

You should have evidence of achievement the required training hours within each module.

For the whole program fill the following sections

1- Academic activities

A- Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation "attendance, preparation, presentation …"

2- Academic achievements

A- Document all outcomes you achieved in the field of:-

- Audit participation
- Research "clinical trial" participation.
- Evidence- based medicine "generation of guidelines" protocols
- ……..

3- Formative assessment log

This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quieses

Program aims

1/1 To enable candidates to master high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of eye diseases and optics problems enabling the candidates of making appropriate referrals to a sub-specialist
1/2 Provide candidates with fundamental knowledge and skills of diseases of the eye patients care recent lines of treatment & equipment .
1/3 To enable candidates to perform high standard scientific medical research and how to proceed with publication in indexed medical journals.
1/4 To enable candidates to describe the basic ethical and medicolegal principles relevant to Ophthalmology
1/5 To enable candidates to have professional careers as a consultant in Egypt but recognized abroad.
1/6To enable candidates to continue self learning in subspecialties.
1/7 To enable candidates to master different research methodology and do their own.

5- Program Structure

Program Time Table

Duration of program up to 4 years (could be extended to 6 years) divided into

- Part 1

Program-related basic science courses

- Medical statistics
- Research methodology

-: Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Students are allowed to sit the exams of these courses after 6 months from applying to the M D degree.

- Thesis and 2 published researches

  For the M D thesis;

  MD thesis subject should be officially registered within 1 year from application to the MD degree,

  Discussion and acceptance of the thesis should not be set before 24 months from registering the M D subject;

  It could be discussed and accepted either before or after passing the second part of examination

- Part 2

Program –related speciality courses and ILOs

Students are not allowed to sit the exams of these courses before 4 years from applying to the MD degree.

First Part

Essential Courses

Course	Name of the course
Course 1	Medical statistics
Course 2	Research methodology
Course 3	Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
Course 4	Eye Anatomy , Physiology, Pathology and Microbiology , Optics and refraction

Medical statistics

Requirements

- **Credit points: 1 credit point**
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Practical	Percentage of Achieved points
Medical statistics	1 credit point	Pubic Health & Community Medicine			100%
	0.1		Introduction 1 hour	SPSS Introduction 2H	10%
	0.1		Tables and graphics 1 Hour	Data entry and cleaning of data 2H	10%
	0.1		Sampling 1 Hour	Transforming of variables 2H	10%
	0.1		Methodology of data collection 1 Hour	Descriptive statistics 2 H	10%
	0.1		Type of variables 1 Hour	Graphic presentation 2 H	10%
	0.1		Proportion test Chi-square test 1 Hour	Chi square and interpretation of results 2 H	10%
	0.1		Student T test Paired T test 1 Hour	Student, Paired and ANOVA tests 2H	10%
	0.1		ANOVA test 1 Hour	Correlation Regression 2 Hour	10%
	0.1		Non parametric tests 1 Hour	Multiple and logistic Regression 2 H	10%
	0.1		Discrimination analysis factor analysis 1 Hour	Non parametric tests 2 H	10%
			Revision 1 H	Revision 2H	
Student signature			Principle coordinator signature		Head of the department signature

Medical Statistics

Lectures and tutorials

Date	Attendance	Topic	Signature

Research Methodology

Requirements

- **Credit points: 1 credit point**
- Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Research Methodology	1 credit point	Pubic Health & Community Medicine		100%
	0.15		4 hours Introduction & proposal writing	15%
	0.15		4 hours Epidemiological study designs	15%
	0.15		4 hours Screening & theoretical background	15%
	0.24		6 hours Screening practical	24%
	0.15		4 hours Sample size calculation	15%
	0.08		2 hours Research bias	8%
	0.08		2 hours Ethics in research	8%
	-		2 hours Revision	-
Student signature			**Principle coordinator signature**	**Head of the department signature**

Research Methodology

Lectures and tutorials

Date	Attendance	Topic	Signature

Medicolegal Aspects and Ethics in Medical Practice and Scientific Research

Requirements

- **Credit points: 1 credit point**

Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Medicolegal Aspects and Ethics in Medical Practice and Scientific Research	1 credit point	Forensic Medicine and Clinical Toxicology	10 hours	100%
	0.2		2 hours - Death and death certificate. - Suspicious death - Death associated with surgery and anesthesia	20%
	0.2		2 hours Medical Reports in case of trauma	20%
	0.2		- Wounds - Firearm injuries	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Ethics in practice.	20%
Student signature			Principle coordinator signature	Head of the department signature

Medicolegal Aspects and Ethics in Medical Practice and Scientific

Lectures and tutorials

Date	Attendance	Topic	Signature

Eye Anatomy

Requirements

- **Credit points: 2 credit point**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Anatomy	0.5	Ophthalmology	5 hours - Cornea - Conjunctiva - Sclera and episcleral structures - Anterior chamber angle -	25%
	0.5		5 hours - Iris - Ciliary body an Choroids Ciliary processes - Lens	25%
	0.5		5 hours Optic nerve structure - Optic nerve vasculature - - Retina & vitreous	25%
	0.5		5 hours - EOMs - orbit eyelids and lacrimal system	25%
Student signature			Principle coordinator signature	Head of the department signature

Eye Anatomy Lectures

Date	Attendance	Topic	Signature

Physiology

Requirements

- **Credit points: 2 credit point**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Physiology	0.5	Ophthalmology	5 hours - Precorneal tear film - Tears - Accommodation - Precorneal tear film - Corneal sensation - Tear secretion basic and reflex - Aqueous humor composition - Aqueous Formation - Biodynamics of Aqueous	25%
	0.5		5 hours - IOP - Lens - Ciliary body - Iris - aqueous humour - Vitreous - Cornea - Retinal circulation	25%
	0.5		5 hours - types of ocular motility - ocular motility control - sympathetic innervation -parasympathetic innervation	25%
	0.5		5 hours - Lid and conjunctiva -Lacrimal apparatus, secretory and drainage parts - Retina - Vitreous - Choroids - Sclera	25%
Student signature			Principle coordinator signature	Head of the department signature

Physiology Lectures

Date	Attendance	Topic	Signature

Pathology and Microbiology

Requirements

- **Credit points: 1.5 credit point**

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Pathology & Microbiology	0.25	Ophthalmology	2.5 hours • Eyelid • Conjunctiva • Cornea	16.7%
	0.25		2.5 hours • iris • Lens • Ciliary body • Ciliary processes	16.7%
	0.25		2.5 hours • Anterior chamber angle • Sclera and episcleral structures • Vitreous • Orbit	16.7%
	0.25		2.5 hours • Optic nerve • Visual Pathway • Macula • Retina • Choroids	16.7%
	0.5		5 hours - Eye Infections	33.2%
Student signature			Principle coordinator signature	Head of the department signature

Pathology and Microbiology
Lecture

Date	Attendance	Topic	Signature

Optics and refraction

Requirements:

Credit points: 2 credit point

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Optics	0.5	Ophthalmology	5 hours - Lens formula. - Astigmatic lenses. - Notation of lenses. - Notation of prisms	25%
	0.5		5 hours - Identification of unknown lenses. - Aberrations of lenses. - Lens materials. - Clinical optics.	25%
	0.5		5 hours - Visual acuity. - Ametropia. - Optical parameters affecting retinal image size. - Accommodative problems.	25%
	0.25		2.5 hours - Refractive errors. - Correction of ametropia. - Problems of spectacles in aphakia. - Calculation of intraocular lens power.	12.5%
	0.25		2.5 hours - Presbyopia (measuring for near ads). - Low vision aids. - Clinical refraction. - Instruments and tests.	12.5%
Student signature			Principle coordinator signature	Head of the department signature

Optics Lecture

Date	Attendance	Topic	Signature

Course 4
Ophthalmology

Rotation / attendance proof

الأماكن التى تدرب بها

أسم المستشفى التى تدرب بها	توقيع رئيس القسم	توقيع مدير المستشفى

Requirements

- **Credit points: 24 credit point for didactic and 123 for training**

Year 1

(23 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Ophthalmology department	8	Ophthalmology department	➢ Practice with clinical cases for at least 2.5 months in the department including their laboratory investigation and treatment ➢ Log of cases as mentioned below ➢ Procedures log as mentioned below	35%
	3		➢ Night shift (From 2pm to 8am) 1/week for 6 weeks	13%
	2		➢ Attendance of at least 2 weeks in the Outpatient clinic	8.5%
	4		➢ Practice in operative room for at least 4 weeks	17.5%
	3		➢ Practice in investigation unit for at least 3 weeks	13%
	1.5		➢ Attendance of clinical rounds (1 hours /week for 22 week)	6.5%
	1.5		➢ Formative assessment	6.5%
Student signature			Principle coordinator Signature	Head of the department signature

Ophthalmology cases log

Retinoscopy , refraction, contact lenses, refractive surgery, and low vision rehabilitation	
Case	**Number**
Refraction in Myopia	2
Refraction in Hypermetropia	2
Refraction in Irregular Astigmatism	2
Refraction in keratoconus	2
Refraction in presbyopia	2
Post operative refraction (Post keratoplasty, Aphakic, post RD)	2
Contact lenses (Contact lenses for difficult cases)	1
Refractive surgery PRK LASIK LASEK (observation)	1
Treatment of amblyopia	1

Cornea, external diseases			
Case	**Number**	**Case**	**Number**
Corneal ulcer Infective (bacterial, viral, fungal) Non infective allergic, degenerative, ischaemic	5	Ectropion	1
corneal dystrophies	1	Ptosis	2
Keratoconus	1	degenerative lesions pterygium pinguecula	1
dermatochalasis,blepharochalasis, blepharofimosis	1	Xerosis	1
inflammatory lesions of the skin of the lid	4	anterior segment trauma blunt trauma perforating trauma chemical injuries	2
chlazion, stye	1		
different types of blepharitis	1		
lid margin deformities	1		
entropion, trichiasis	4		

Glaucoma	
Case	**Number**
• Primary congenital glaucoma • secondary congenital glaucoma	1
• Primary angle closure glaucoma • secondary angle closure glaucoma	4
• Primary open angle glaucoma • secondary open angle glaucoma	4
• traumatic glaucoma	1

Cataract	
Case	**Number**
• Congenital cataract	5
• Senile cataract	10
• Complicated cataract	4
• Drug induced cataract	1
• Cataract in systemic diseases	2
• Dislocated anterior dislocation	1
• Posterior dislocation	1

Uveitis	
Case	**Number**
• Acute anterior and posterior uveitis.	2
• Chronic uveitis	1
• Intermediate uveitis pars planitis	1

Eye in systemic diseases	
Case	**Number**
• Ocular changes in diabetes	4
• Ocular changes in hypertension and atherosclerosis	1
• Ocular changes in Dysthyroid disesase	1
• Ocular changes in Blood diseases (Leukaemia, Lymphoma, Anaemia, Sickle cell anaemia)	1
• Ocular changes in Collagen diseases, Ocular changes in Connective tissue diseases	1

Neuro-Ophthalmology	
Case	**Number**
• Congenital optic nerve abnormalities	1
• Nystagmus	1
• Pupillary abnormalities	1
• Optic neuropathies	1

I

Oculoplastic Surgery and Orbit	
Case	**Number**
• Congenital eyelid deformities.	1
• Congenital orbital deformities.	1
• Common craniosynostoses and other congenital malformatic .	1
• More advanced eyelid, orbital, and lacrimal trauma.	1
• Complicated cases of nasolacrimal duct obstruction	1
• Epiphora in children	4
• Canaliculitis, dacyrocystitis, acute and chronic dacryoadenitis, preseptal cellulitis, and orbital cellulitis.	1
• Thyroid ophthalmopathy.	1
• Orbital inflammatory pseudotumor .	1
• Orbital tumors	1

Vitreoretinal	
Case	Number
• Retinal detachment primary and secondary	4
• macular diseases	2
• retinal vascular diseases	2
• others	1

Pediatric ophthalmology &Strabismus	
Case	**Number**
• strabismus esotropia, exotropia, vertical deviation	1
• Defective vision	1
• amblyopia.	1
• childhood nystagmus	1
• Retinopathy of prematurity	1
• ocular anomalies and syndromes	1
• uveitis	2

Ocular Oncology	
Case	**Number**
• Adenexal neoplasms lid tumours, Conj. tumours, Lacrimal gland tumours	1
• Retinoblastoma	1
• Malignant melanomas of the choroid	1

Clinical case presentation log (All over the four years)

Diagnosis of case	Number
Retinoscopy, refraction, contact lenses, refractive surgery, and low vision rehabilitation	
Difficult cases of refraction Irregular Astigmatism, keratoconus Post operative refraction, Post keratoplasty, Aphakic, post RD	3
Contact lenses for difficult cases (Difficult fitting)	3
Refractive surgery	3
Treatment of amblyopia	3
Low vision aids	3
Cornea, external diseases	
Red eye	3
Ocular Emergencies	5
Ocular trauma	5
Glaucoma	
Congenital glaucoma	3
Open angle glaucoma	5
Narrow angle glaucoma	5
Cataract	
Congenital cataract	3
Complicated cataract	2
Drug induced cataract	2
Cataract in systemic diseases	2

Clinical case presentation log

Diagnosis of case	Number
Uveitis	
Acute anterior and posterior uveitis.	2
Chronic and recurrent uveitis	2
Intermediate uveitis pars planitis.	1
Masquerade syndromes	2
Eye in systemic diseases	
Ocular changes in diabetes	10
Ocular changes in Hypertension and atherosclerosis	3
Ocular changes in thyroid disesases	3
Ocular changes in Blood diseases (Bleeding disorders Leukaemia Lymphomas Anaemia Sickle cell anaemia)	2
Ocular changes in Collagen diseases	1
Ocular changes in Connective tissue diseases	1
Sarcoidosis	1
Neuro-Ophthalmology	
Pupillary abnormalities	2
Optic neuropathies	3

Clinical case Presentation log

Diagnosis of case	Number
Oculoplastic Surgery and Orbit	
congenital eyelid deformities	2
Epiphora in children	5
Thyroid ophthalmopathy	3
Orbital inflammatory pseudotumor	1
eyelid, orbital, and lacrimal trauma	4
Vitreo retinal diseases	
Retinal detachment primary and secondary	4
macular diseases	3
retinal vascular diseases	3
Paediatric ophthalmology and Strabismus	
Strabismus esotropia, exotropia. vertical deviation	3
amblyopia.	3
Ocular Oncology	
Adenexal neoplasms lid tumours, Conj tumours , Lacrimal gland tumours	3
Retinoblastoma	2
Malignant melanomas of the choroid	1

Procedure and Operation log

Retinoscopy, refraction, contact lenses, refractive surgery, and low vision rehabilitation procedures		
Procedure	**Number**	*** Level of participation**
Corneal topography	2	Level A
Pachometry	2	Level A
Red reflex examination	4	Level A
Streak retinoscope use	4	Level A
Keratometers	4	Level A
Autorefractometer	2	Level A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein& Rose pingal staining of the cornea and conj	4	A
taking conj swabs	1	A
Placido disc examination keratoscopy	1	A
Examination by the slit lamp	10	A
Prepare a smear from the cornea and conj for microbiology study	1	A
Do shirmer test	2	A
precorneal tear film break up time	2	A
Corneal topography	4	A
Specular microscopy		
Pachometry	2	A
Ultrasonic biomicroscopy		
injection of local anaethsia for the lid and conj surgery	2	A
removal of corneal &conj FB	2	A
conj graft or flap or amniotic membrane for corneal ulcers	1	A
application of corneal glue	1	A
stromal micropuncture	1	A
removal of Pterygium		
subconj injection antibiotic steroid mrdricaine	2	A
electrocautery of the lashes	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
correction of ectropion snellens	4	A
correction of recurrent entropion	2	A
correction of ectropion	2	A
correction of symblepharon	1	A
curette evacuation of chlazion	2	A
evacuation of stye	1	A
correction of ptosis	2	B
Simple repair of ocular trauma	2	A
Lid conj corneal corneoscleral	2	A
Superficial lamellar keratectomy		
grafting perforated corneal ulcers	1	A
therapeutic keratoplasty		
plastic surgery for madarosis	1	A
lid reconstruction trauma coloboma afer removal of lid tumours	1	A
Correction of recurrent ptosis	1	B
Correction of recurrent pterygium	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Glaucoma		
Procedure	**Number**	*** Level of participation**
Different methods of measurement of the IOP	10	A
Mastering applanation tonometry	10	A
Gonioscopy	5	A
visual field mapping (automated)	10	B
OCT optic nerve and retina	5	B
laser iridectomy	2	B
YAG laser iridectomy	2	B
Trabeculectomy	10	A
Repeated trabeculectomy	2	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cataract		
Procedure	**Number**	*** Level of participation**
Evaluate and classify common types of lens opacities.	5	A
Perform subjective refraction techniques and retinoscopy in patients with cataract.	5	A
Perform direct and indirect ophthalmoscopy pre-and post-cataract surgery.	5	A
Perform Ultrasonography	10	A
Perform Biometry	10	A
Local evaluation for cataract extraction	10	A
ICCE	1	A
Secondary IOL implantation	1	B
Management of postoperative	5	B
complications of cat ext.		
phacoemulsification	4	B
Lensectomy	1	A
Cat. in silicon filled eyes	1	B
Management of posteriorly dislocated lens fragments	1	B
Cat. in children	2	A
Cat. with systemic diseases	1	A
Cat. in relation to different types of trauma	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Uveitis		
Procedure	**Number**	*** Level of participation**
Directed examination of the anterior and posterior segments for uveitis	4	A
Slit lamp biomicroscopy, scleral depression, magnified posterior segment exam, vitreous evaluation for cells).	4	A
Perform ancillary testing in the evaluation of uveitis (e.g., fluorescein angiography, ultrasound)	4	A
Prescribe steroids in the treatment of uveitis by various routes.	5	A
Evaluate and treat the complications of uveitis therapy (e.g., cataract, glaucoma)	4	A
Administer immunosuppressive agents in uveitis	2	A
Eye in systemic diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	5	A
OCT	5	A
US	10	A
Proptometry	4	A
Topical and systemic steroids		
uses of specific anti microbial drugs antifungal antiviral anti biotic	5	A
laser photocoagulation	8	B
simple vitrectomy	2	B
lid suture	2	A
tarsorrhaphy	4	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Perform a basic pupillary examination:		
perform basic pharmacologic pupillary testing	4	A
Perform differential diagnosis of anisocoria Detection of light-near dissociation	2	A
Perform a basic ocular motility examination:		
Perform a detailed cranial nerve evaluation	5	A
Assess ocular alignment using simple techniques	5	A
Describe and perform basic cover/uncover testing for tropia.	4	A
Describe and perform alternate cover testing for phoria.	4	A
Perform simultaneous prism and cover testing.	4	A
Perform measurement of deviations with prisms.	2	A
Describe the indications for and apply Fresnel and grind-in prisms.	2	A
Describe the indications for and perform forced duction and forced generation testing.	3	A
Perform an assessment of saccade accuracy and pursuit and optokinetic testing.	3	B
Measurement of eyelid function .	5	A
Perform confrontational field testing.	5	A
Describe the indications for and perform basic Gold-mann perimetry, and interpret results.	10	A
Describe the indications for and perform basic auto-mated perimetry, and interpret results	25	A
Perform and interpret a tangent screen test.	10	A
Perform basic direct, indirect, and magnified ophthalmoscopic examination of the optic disc.	15	A
Intravenous edrophonium (Tensilon) and Prostigmin tests for myasthenia gravis.	5	A

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Describe the evaluation, management, and specific testing of patients with "functional" (non-organic) visual loss (e.g., recognize non-organic spiral or tunnel visual fields).	4	A
More advanced interpretation of neuro-radiologic images .	8	B
electrophysiological testing of the optic nerve	10	A
CT MRI of the brain	10	5A-5B
Describe the indications for, perform, and list the complications of temporal artery biopsy	2	B
Dacryocysteography	5	A
thyroid function tests	5	A
excision of moderate sized and large benign eyelid lesions).	5	A
incision and drainage of recurrent or larger chalazia,	5	A
incision and drainage of multiple chalazion	3	A
Treat retrobulbar hemorrhage,	2	A
Lacrimal drainage testing (irrigation, dye disappear ance test).	2	A
Lacrimal intubation.	2	A
Dacryocystorhinostomy (external).		
Dacryocystectomy	2	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Oculoplastic Surgery and Orbit		
Procedure	**Number**	*** Level of participation**
measurement of levator function,	4	A
orbital ultrasound interpretation	4	A
Identify indications for and perform more advanced assessment of eyelids and eyebrows.	2	B
Identify indications for and perform more advanced lacrimal assessment .	3	B
Identify indications for and perform more advanced assessment of the orbit.	3	B
Identify indications for and perform more advanced socket assessment.	3	B
Recognize orbital trauma .	2	B
Identify common orbital pathology	2	B
Treat common presentations of preseptal or orbital cellulitus.	1	A
Exophthalmometry	5	A
Investigation of epiphora probing syringing	5	A
orbit magnetic resonance imaging,	5	B
Computed tomography, ultrasound -	10	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Vitreo retinal diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	10	A
OCT techniques	10	A
Ultrasound	20	A
Direct and indirect ophthamoscopy scleral indentation	20	A
Perform fundus drawings of the retina, showing complex vitreoretinal relationships and findings	20	A
Using different fundus viewing lenses	10	A
Amsler Grid	3	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Paediatric ophthalmology and Strabismus		
Procedure	**Number**	*** Level of participation**
Perform more advanced measurements of strabismus .	4	A
Perform assessment of vision in more difficult strabismus patients .	4	A
Perform preoperative assessment of strabismus	5	A
EUA for		
IOP	4	A
Angle exam	2	A
Examination of the retina	5	A
Lens exam	4	A
Investigation of epiphora	4	A
US	5	A
Perform the following strabismus surgeries:Resection	5	A
Recession	5	A

Ocular Oncology		
Procedure	**Number**	*** Level of participation**
enucleation	1	A
excision biopsy	1	A
excision biopsy	1	A
vit. tap	1	A
AC tap	1	A
excision of lid, conjunctival, and corneal tumours	2	A

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Year 2

(12 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Ophthalmology	12	Ophthalmology	Year 2	**50% of the didactics**
	8		**Topics and attendance**	**66.5%**
	2		*20 hours* *Retinoscopy ,refraction, contact lenses, refractive surgery, and low vision rehabilitation*	
	1		10 Hours *Cornea, external diseases*	
	2		*20 hours* *Glaucoma*	
	2		*20 hours* *Cataract*	
	1		10 hours *Uveitis*	
	2		**Seminars** ➢ Attendance of at least 50% of the clinical seminars ➢ Presentation of at least 1 time in the seminar	**16.5%**
	1		**Conference or workshop**	**8.5%**
	1		**Formative assessment**	**8.5%**
Student signature			Principle coordinator Signature	Head of the department signature

Each topic include Eye Medicine and Eye Surgery

Year 2

(40 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Ophthalmology department	16	Ophthalmology department	➢ Practice with clinical cases for at least 4 months in the department including their laboratory investigation and treatment ➢ Log of cases as mentioned below ➢ Procedures log as mentioned below	40%
	4		➢ Night shift (From 2pm to 8am) 1/week for 8 weeks	10%
	2		➢ Attendance of at least 2 weeks in the Outpatient clinic	5%
	8		➢ Practice in operative room for at least 8 weeks	20%
	6		➢ Practice in investigation unit for at least 6 weeks	15%
	1.5		➢ Attendance of clinical rounds (2 hours /week for 22 week)	3.75%
	2.5		➢ Formative assessment	6.25%
Student signature			Principle coordinator Signature	Head of the department signature

Ophthalmology cases log

Retinoscopy , refraction, contact lenses, refractive surgery, and low vision rehabilitation	
Case	**Number**
Refraction in Myopia	2
Refraction in Hypermetropia	2
Refraction in Irregular Astigmatism	2
Refraction in keratoconus	2
Refraction in presbyopia	2
Post operative refraction (Post keratoplasty, Aphakic, post RD)	2
Contact lenses (Contact lenses for difficult cases)	1
Refractive surgery PRK LASIK LASEK (observation)	1
Treatment of amblyopia	1

Cornea, external diseases			
Case	**Number**	**Case**	**Number**
Corneal ulcer Infective (bacterial, viral, fungal) Non infective allergic, degenerative, ischaemic	5	Ectropion	2
corneal dystrophies	2	Ptosis	1
Keratoconus	1	degenerative lesions pterygium pinguecula	1
dermatochalasis,blepharochalasis, blepharofimosis	1	Xerosis	1
inflammatory lesions of the skin of the lid	2	anterior segment trauma blunt trauma perforating trauma chemical injuries	2
chlazion, stye	1		
different types of blepharitis	1		
lid margin deformities	1		
entropion, trichiasis	1		

Glaucoma	
Case	**Number**
• Primary congenital glaucoma • secondary congenital glaucoma	2
• Primary angle closure glaucoma • secondary angle closure glaucoma	4
• Primary open angle glaucoma • secondary open angle glaucoma	4
• traumatic glaucoma	2

Cataract	
Case	**Number**
• Congenital cataract	5
• Senile cataract	10
• Complicated cataract	2
• Drug induced cataract	2
• Cataract in systemic diseases	2
• Dislocated anterior	1
• Posterior dislocation	1

Uveitis	
Case	**Number**
• Acute anterior and posterior uveitis.	2
• Chronic uveitis	2
• Intermediate uveitis pars planitis	2

Eye in systemic diseases	
Case	**Number**
• Ocular changes in diabetes	3
• Ocular changes in hypertension and atherosclerosis	2
• Ocular changes in Dysthyroid disesase	1
• Ocular changes in Blood diseases (Leukaemia, Lymphoma, Anaemia, Sickle cell anaemia)	1
• Ocular changes in Collagen diseases, Ocular changes in Connective tissue diseases	2

Neuro-Ophthalmology	
Case	**Number**
• Congenital optic nerve abnormalities	1
• Nystagmus	1
• Pupillary abnormalities	1
• Optic neuropathies	1

Oculoplastic Surgery and Orbit	
Case	**Number**
• Congenital eyelid deformities.	1
• Congenital orbital deformities.	1
• Common craniosynostoses and other congenital malformations .	1
• More advanced eyelid, orbital, and lacrimal trauma.	1
• Complicated cases of nasolacrimal duct obstruction	1
• Epiphora in children	2
• Canaliculitis, dacyrocystitis, acute and chronic dacryoadenitis, preseptal cellulitis, and orbital cellulitis.	1
• Thyroid ophthalmopathy.	1
• Orbital inflammatory pseudotumor .	1
• Orbital tumors	1

Vitreoretinal	
Case	Number
• Retinal detachment primary and secondary	4
• macular diseases	2
• retinal vascular diseases	2
• others	1

Pediatric ophthalmology &Strabismus	
Case	**Number**
• strabismus esotropia, exotropia, vertical deviation	2
• Defective vision	1
• amblyopia.	2
• childhood nystagmus	2
• Retinopathy of prematurity	1
• ocular anomalies and syndromes	1
• Paediatric uveitis.	2
• Congenital epiphora	2

Ocular Oncology	
Case	**Number**
• Adenexal neoplasms lid tumours, Conj tumours , Lacrimal gland tumours	2
• Retinoblastoma	1
• Malignant melanomas of the choroid	2

Procedure and Operation log

Retinoscopy, refraction, contact lenses, refractive surgery, and low vision rehabilitation procedures		
Procedure	**Number**	*** Level of participation**
Corneal topography	1	Level A
Pachometry	1	Level A
Red reflex examination	3	Level A
Streak retinoscope use	3	Level A
Keratometers	3	Level A
Autorefractometer	1	Level A

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein& Rose pingal staining of the cornea and conj	4	A
taking conj swabs	1	A
Placido disc examination keratoscopy	1	A
Examination by the slit lamp	10	A
Prepare a smear from the cornea and conj for microbiology study	1	A
Do shirmer test	2	A
precorneal tear film break up time	2	A
Corneal topography	3	A
Specular microscopy		
Pachometry	2	A
Ultrasonic biomicroscopy		
injection of local anaethsia for the lid and conj surgery	2	A
removal of corneal &conj FB	1	A
conj graft or flap or amniotic membrane for corneal ulcers	1	A
application of corneal glue	1	A
stromal micropuncture	1	A
removal of Pterygium		
subconj injection antibiotic steroid mrdricaine	2	A
electrocautery of the lashes	1	A

* Level of competency

A- Independent performance
B- Performance under supervision
C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
correction of ectropion snellens	3	A
correction of recurrent entropion	2	A
correction of ectropion	2	A
correction of symblepharon	1	A
curette evacuation of chlazion	1	A
evacuation of stye	1	A
correction of ptosis	1	A
Simple repair of ocular trauma	2	A
Lid conj corneal corneoscleral	2	A
Superficial lamellar keratectomy		
grafting perforated corneal ulcers	1	A
therapeutic keratoplasty		
plastic surgery for madarosis	1	A
lid reconstruction trauma coloboma afer removal of lid tumours	1	A
Correction of recurrent ptosis	1	B
Correction of recurrent pterygium	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Glaucoma		
Procedure	**Number**	*** Level of participation**
Different methods of measurement of the IOP	5	A
Mastering applanation tonometry	5	A
Gonioscopy	5	A
visual field mapping (automated)	10	A
OCT optic nerve and retina	10	A
laser iridectomy	1	A
YAG laser iridectomy	1	A
Trabeculectomy	10	A
Repeated trabeculectomy	1	A

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Cataract		
Procedure	**Number**	*** Level of participation**
Evaluate and classify common types of lens opacities.	5	A
Perform subjective refraction techniques and retinoscopy in patients with cataract.	5	A
Perform direct and indirect ophthalmoscopy pre-and post-cataract surgery.	5	A
Perform Ultrasonography	10	A
Perform Biometry	10	A
Local evaluation for cataract extraction	10	A
ICCE	1	A
Secondary IOL implantation	1	A
Management of postoperative	5	B
complications of cat ext.		
phacoemulsification	1	B
Lensectomy	1	A
Cat. in silicon filled eyes	1	B
Management of posteriorly dislocated lens fragments	1	A
Cat. in children	1	A
Cat. with systemic diseases	1	A
Cat. in relation to different types of trauma	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Uveitis		
Procedure	**Number**	*** Level of participation**
Directed examination of the anterior and posterior segments for uveitis	2	A
Slit lamp biomicroscopy, scleral depression, magnified posterior segment exam, vitreous evaluation for cells).	2	A
Perform ancillary testing in the evaluation of uveitis (e.g., fluorescein angiography, ultrasound)	2	A
Prescribe steroids in the treatment of uveitis by various routes.	1	A
Evaluate and treat the complications of uveitis therapy (e.g., cataract, glaucoma)	1	A
Administer immunosuppressive agents in uveitis	1	A
Eye in systemic diseases		
Procedure	Number	* Level of participation
Fluorescein angiography	10	A
OCT	8	A
US	10	A
Proptometry	1	A
Topical and systemic steroids		
uses of specific anti microbial drugs antifungal antiviral anti biotic	1	A
laser photocoagulation	2	B
simple vitrectomy	1	B
lid suture	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Perform a basic pupillary examination:		
perform basic pharmacologic pupillary testing	1	A
Perform differential diagnosis of anisocoria Detection of light-near dissociation	1	A
Perform a basic ocular motility examination:		
Perform a detailed cranial nerve evaluation	1	A
Assess ocular alignment using simple techniques	1	A
Describe and perform basic cover/uncover testing for tropia.	1	A
Describe and perform alternate cover testing for phoria.	1	A
Perform simultaneous prism and cover testing.	1	A
Perform measurement of deviations with prisms.	1	A
Describe the indications for and apply Fresnel and grind-in prisms.	1	A
Describe the indications for and perform forced duction and forced generation testing.	1	A
Perform an assessment of saccade accuracy and pursuit and optokinetic testing.	1	B
Measurement of eyelid function.	1	A
Perform confrontational field testing.	1	A
Describe the indications for and perform basic Goldmann perimetry, and interpret results.	2	A
Describe the indications for and perform basic automated perimetry, and interpret results	5	A
Perform and interpret a tangent screen test.	2	A
Perform basic direct, indirect, and magnified ophthalmoscopic examination of the optic disc.	5	A
Intravenous edrophonium (Tensilon) and Pros-tigmin tests for myasthenia gravis.	1	A

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Describe the evaluation, management, and specific testing of patients with "functional" (non-organic) visual loss (e.g., recognize non-organic spiral or tunnel visual fields).	1	A
More advanced interpretation of neuro-radiologic images .	2	B
electrophysiological testing of the optic nerve	2	A
CT MRI of the brain	2	A
Describe the indications for, perform, and list the complications of temporal artery biopsy	1	B
Dacryocysteography	1	A
thyroid function tests	1	A
excision of moderate sized and large benign eyelid lesions).	1	A
incision and drainage of recurrent or larger chalazia,	1	A
incision and drainage of multiple chalazion	1	A
Treat retrobulbar hemorrhage,	1	A
Lacrimal drainage testing (irrigation, dye disappear ance test).	1	A
Lacrimal intubation.	1	A
Dacryocystorhinostomy (external).		
Dacryocystectomy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Oculoplastic Surgery and Orbit		
Procedure	**Number**	*** Level of participation**
measurement of levator function,	1	A
orbital ultrasound interpretation	1	A
Identify indications for and perform more advanced assessment of eyelids and eyebrows.	1	B
Identify indications for and perform more advanced lacrimal assessment.	1	B
Identify indications for and perform more advanced assessment of the orbit.	1	B
Identify indications for and perform more advanced socket assessment.	1	B
Recognize orbital trauma.	1	B
Identify common orbital pathology	1	B
Treat common presentations of preseptal or orbital cellulitus.	1	A
Exophthalmometry	1	A
Investigation of epiphora probing syringing	1	A
orbit magnetic resonance imaging,	1	B
Computed tomography, ultrasound -	2	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Vitreo retinal diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	10	A
OCT techniques	8	A
Ultrasound	15	A
Direct and indirect ophthamoscopy scleral indentation	20	A
Perform fundus drawings of the retina, showing complex vitreoretinal relationships and findings	5	A
Using different fundus viewing lenses	2	A
Amsler Grid	1	B

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Paediatric ophthalmology and Strabismus		
Procedure	**Number**	*** Level of participation**
Perform more advanced measurements of strabismus .	1	A
Perform assessment of vision in more difficult strabismus patients .	1	A
Perform preoperative assessment of strabismus	5	A
EUA for		
IOP	1	A
Angle exam	1	A
Examination of the retina	1	A
Lens exam	1	A
Investigation of epiphora	3	A
US	5	A
Perform the following strabismus surgeries:Resection	4	A
Recession	4	A

Ocular Oncology		
Procedure	**Number**	*** Level of participation**
enucleation	1	A
excision biopsy	1	A
excision biopsy	1	A
vit. tap	1	A
AC tap	1	A
excision of lid, conjunctival, and corneal tumours	1	A

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Year 3

(12 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Ophthalmology	12	Ophthalmology	Year 2	**50% of the didactics**
	8		**Topics and attendance**	**66.5%**
	2		*20 hours* Eye in systemic diseases	
	1		10 Hours Neuro-Ophthalmology	
	2		*20 hours* Oculoplastic Surgery and Orbit	
	1		*20 hours* Vitreoretinal	
	1		10 hours Pediatric ophthalmology &Strabismus	
	1		10 hours Ocular Oncology	
	2		**Seminars** ➢ Attendance of at least 50% of the clinical seminars ➢ Presentation of at least 1 time in the seminar	**16.5%**
	1		**Conference or workshop**	**8.5%**
	1		**Formative assessment**	**8.5%**
Student signature			Principle coordinator Signature	Head of the department signature

- **Each topic include Eye Medicine and Eye Surgery**

Year 3

(40 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Ophthalmology department	16	Ophthalmology department	➢ Practice with clinical cases for at least 4 months in the department including their laboratory investigation and treatment ➢ Log of cases as mentioned below ➢ Procedures log as mentioned below	40%
	4		➢ Night shift (From 2pm to 8am) 1/week for 8 weeks	10%
	2		➢ Attendance of at least 2 weeks in the Outpatient clinic	5%
	8		➢ Practice in operative room for at least 8 weeks	20%
	6		➢ Practice in investigation unit for at least 6 weeks	15%
	1.5		➢ Attendance of clinical rounds (2 hours /week for 22 week)	3.75%
	2.5		➢ Formative assessment	6.25%
Student signature			Principle coordinator Signature	Head of the department signature

Ophthalmology cases log

Retinoscopy , refraction, contact lenses, refractive surgery, and low vision rehabilitation	
Case	**Number**
Refraction in Myopia	2
Refraction in Hypermetropia	2
Refraction in Irregular Astigmatism	2
Refraction in keratoconus	2
Refraction in presbyopia	2
Post operative refraction (Post keratoplasty, Aphakic, post RD)	2
Contact lenses (Contact lenses for difficult cases)	1
Refractive surgery PRK LASIK LASEK (observation)	1
Treatment of amblyopia	1

Cornea, external diseases			
Case	**Number**	**Case**	**Number**
Corneal ulcer Infective (bacterial, viral, fungal) Non infective allergic, degenerative, ischaemic	5	Ectropion	2
corneal dystrophies	2	Ptosis	1
Keratoconus	1	degenerative lesions pterygium pinguecula	1
dermatochalasis,blepharochalasis, blepharofimosis	1	Xerosis	1
inflammatory lesions of the skin of the lid	2	anterior segment trauma blunt trauma perforating trauma chemical injuries	2
chlazion, stye	1		
different types of blepharitis	1		
lid margin deformities	1		
entropion, trichiasis	1		

Glaucoma	
Case	**Number**
• Primary congenital glaucoma • secondary congenital glaucoma	2
• Primary angle closure glaucoma • secondary angle closure glaucoma	4
• Primary open angle glaucoma • secondary open angle glaucoma	4
• traumatic glaucoma	2

Cataract	
Case	**Number**
• Congenital cataract	5
• Senile cataract	10
• Complicated cataract	2
• Drug induced cataract	2
• Cataract in systemic diseases	2
• Anterior dislocation	1
• Posterior dislocation	1

Uveitis	
Case	**Number**
• Acute anterior and posterior uveitis.	2
• Chronic uveitis	2
• Intermediate uveitis pars planitis	2

Eye in systemic diseases	
Case	**Number**
• Ocular changes in diabetes	3
• Ocular changes in hypertension and atherosclerosis	2
• Ocular changes in Dysthyroid disesase	1
• Ocular changes in Blood diseases (Leukaemia, Lymphoma, Anaemia, Sickle cell anaemia)	1
• Ocular changes in Collagen diseases, Ocular changes in Connective tissue diseases	2

Neuro-Ophthalmology	
Case	**Number**
• Congenital optic nerve abnormalities	1
• Nystagmus	1
• Pupillary abnormalities	1
• Optic neuropathies	1

Oculoplastic Surgery and Orbit	
Case	**Number**
• Congenital eyelid deformities.	1
• Congenital orbital deformities.	1
• Common craniosynostoses and other congenital malformations .	1
• More advanced eyelid, orbital, and lacrimal trauma.	1
• Complicated cases of nasolacrimal duct obstruction	1
• Epiphora in children	2
• Canaliculitis, dacyrocystitis, acute and chronic dacryoadenitis, preseptal cellulitis, and orbital cellulitis.	1
• Thyroid ophthalmopathy.	1
• Orbital inflammatory pseudotumor .	1
• Orbital tumors	1

Vitreo-retinal	
Case	Number
• Retinal detachment primary and secondary	4
• macular diseases	2
• retinal vascular diseases	2
• others	1

Pediatric ophthalmology &Strabismus	
Case	**Number**
• strabismus esotropia, exotropia, vertical deviation	2
• Defective vision	1
• amblyopia.	2
• childhood nystagmus	2
• Retinopathy of prematurity	1
• ocular anomalies and syndromes	1
• Paediatric uveitis.	2
• Congenital epiphora	2

Ocular Oncology	
Case	**Number**
• Adenexal neoplasms lid tumours, Conj tumours , Lacrimal gland tumours	2
• Retinoblastoma	1
• Malignant melanomas of the choroid	2

Procedure and Operation log

Retinoscopy, refraction, contact lenses, refractive surgery, and low vision rehabilitation procedures		
Procedure	**Number**	*** Level of participation**
Corneal topography	1	Level A
Pachometry	1	Level A
Red reflex examination	3	Level A
Streak retinoscope use	3	Level A
Keratometers	3	Level A
Autorefractometer	10	Level A

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein& Rose pingal staining of the cornea and conjunctiva	4	A
taking conj swabs	1	A
Placido disc examination keratoscopy	1	A
Examination by the slit lamp	10	A
Prepare a smear from the cornea and conj for microbiology study	1	A
Schirmer test	2	A
precorneal tear film break up time	2	A
Corneal topography	3	A
Specular microscopy		
Pachometry	2	A
Ultrasonic biomicroscopy		
injection of local anaethsia for the lid and conj surgery	2	A
removal of corneal &conj FB	1	A
conj graft or flap or amniotic membrane for corneal ulcers	1	A
application of corneal glue	1	A
stromal micropuncture	1	A
removal of Pterygium		
subconj injection antibiotic steroid mrdricaine	2	A
electrocautery of the lashes	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
correction of ectropion snellens	3	A
correction of recurrent entropion	2	A
correction of ectropion	2	A
correction of symblepharon	1	A
curette evacuation of chlazion	1	A
evacuation of stye	1	A
correction of ptosis	1	A
Simple repair of ocular trauma	2	A
Lid conj corneal corneoscleral	2	A
Superficial lamellar keratectomy		
grafting perforated corneal ulcers	1	A
therapeutic keratoplasty		
plastic surgery for madarosis	1	A
lid reconstruction trauma coloboma afer removal of lid tumours	1	A
Correction of recurrent ptosis	1	B
Correction of recurrent pterygium	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Glaucoma		
Procedure	**Number**	*** Level of participation**
Different methods of measurement of the IOP	5	A
Mastering applanation tonometry	5	A
Gonioscopy	5	A
visual field mapping (automated)	10	A
OCT optic nerve and retina	10	A
laser iridectomy	1	A
YAG laser iridectomy	1	A
Trabeculectomy	10	A
Repeated trabeculectomy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cataract		
Procedure	**Number**	*** Level of participation**
Evaluate and classify common types of lens opacities.	5	A
Perform subjective refraction techniques and retinoscopy in patients with cataract.	5	A
Perform direct and indirect ophthalmoscopy pre-and post-cataract surgery.	5	A
Perform Ultrasonography	10	A
Perform Biometry	10	A
Local evaluation for cataract extraction	10	A
ICCE	1	A
Secondary IOL implantation	1	A
Management of postoperative	5	B
complications of cat ext.		
Phacoemulsification	1	B
Lensectomy	1	A
Cat. in silicon filled eyes	1	B
Management of posteriorly dislocated lens fragments	1	A
Cat. in children	1	A
Cat. with systemic diseases	1	A
Cat. in relation to different types of trauma	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Uveitis		
Procedure	**Number**	*** Level of participation**
Directed examination of the anterior and posterior segments for uveitis	2	A
Slit lamp biomicroscopy, scleral depression, magnified posterior segment exam, vitreous evaluation for cells).	2	A
Perform ancillary testing in the evaluation of uveitis (e.g., fluorescein angiography, ultrasound)	2	A
Prescribe steroids in the treatment of uveitis by various routes.	1	A
Evaluate and treat the complications of uveitis therapy (e.g., cataract, glaucoma)	1	A
Administer immunosuppressive agents in uveitis	1	A
Eye in systemic diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	1	A
OCT	1	A
US	3	A
Proptometry	1	A
Topical and systemic steroids		
uses of specific anti microbial drugs antifungal antiviral anti biotic	1	A
laser photocoagulation	2	B
simple vitrectomy	1	B
lid suture	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Perform a basic pupillary examination:		
perform basic pharmacologic pupillary testing	1	A
Perform differential diagnosis of anisocoria Detection of light-near dissociation	1	A
Perform a basic ocular motility examination:		
Perform a detailed cranial nerve evaluation	1	A
Assess ocular alignment using simple techniques	1	A
Describe and perform basic cover/uncover testing for tropia.	1	A
Describe and perform alternate cover testing for phoria.	1	A
Perform simultaneous prism and cover testing.	1	A
Perform measurement of deviations with prisms.	1	A
Describe the indications for and apply Fresnel and grind-in prisms.	1	A
Describe the indications for and perform forced duction and forced generation testing.	1	A
Perform an assessment of saccade accuracy and pursuit and optokinetic testing.	1	B
Measurement of eyelid function .	1	A
Perform confrontational field testing.	1	A
Describe the indications for and perform basic Goldmann perimetry, and interpret results.	2	A
Describe the indications for and perform basic automated perimetry, and interpret results	5	A
Perform and interpret a tangent screen test.	2	A
Perform basic direct, indirect, and magnified ophthalmoscopic examination of the optic disc.	5	A
Intravenous edrophonium (Tensilon) and Pros-tigmin tests for myasthenia gravis.	1	A

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Describe the evaluation, management, and specific testing of patients with "functional" (non-organic) visual loss (e.g., recognize non-organic spiral or tunnel visual fields).	1	A
More advanced interpretation of neuro-radi-ologic images .	2	B
electrophysiological testing of the optic nerve	2	A
CT MRI of the brain	2	A
Describe the indications for, perform, and list the complications of temporal artery biopsy	1	B
Dacryocysteography	1	A
thyroid function tests	1	A
excision of moderate sized and large benign eyelid lesions).	1	A
incision and drainage of recurrent or larger chalazia,	1	A
incision and drainage of multiple chalazion	1	A
Treat retrobulbar hemorrhage,	1	A
Lacrimal drainage testing (irrigation, dye disappearance test).	1	A
Lacrimal intubation.	1	A
Dacryocystorhinostomy (external).		
Dacryocystectomy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Oculoplastic Surgery and Orbit		
Procedure	**Number**	*** Level of participation**
measurement of levator function,	1	A
orbital ultrasound interpretation	1	A
Identify indications for and perform more advanced assessment of eyelids and eyebrows.	1	B
Identify indications for and perform more advanced lacrimal assessment .	1	B
Identify indications for and perform more advanced assessment of the orbit.	1	B
Identify indications for and perform more advanced socket assessment.	1	B
Recognize orbital trauma .	1	B
Identify common orbital pathology	1	B
Treat common presentations of preseptal or orbital cellulitus.	1	A
Exophthalmometry	1	A
Investigation of epiphora probing syringing	1	A
orbit magnetic resonance imaging,	1	B
Computed tomography, ultrasound -	2	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Vitreo-retinal diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	10	A
OCT techniques	8	A
Ultrasound	15	A
Direct and indirect ophthamoscopy scleral indentation	15	A
Perform fundus drawings of the retina, showing complex vitreoretinal relationships and findings	5	A
Using different fundus viewing lenses	2	A
Amsler Grid	1	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Paediatric ophthalmology and Strabismus		
Procedure	**Number**	*** Level of participation**
Perform more advanced measurements of strabismus.	1	A
Perform assessment of vision in more difficult strabismus patients.	1	A
Perform preoperative assessment of strabismus	1	A
EUA for		
IOP	1	A
Angle exam	1	A
Examination of the retina	1	A
Lens exam	1	A
Investigation of epiphora	1	A
US	1	A
Perform the following strabismus surgeries: Resection	3	A
Recession	3	A

Ocular Oncology		
Procedure	**Number**	*** Level of participation**
enucleation	1	A
excision biopsy	1	A
excision biopsy	1	A
vit. tap	1	A
AC tap	1	A
excision of lid, conjunctival, and corneal tumours	1	A

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Year 4

(20 credit point for training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Clinical training in Ophthalmology department	8	Ophthalmology department	➢ Practice with clinical cases for at least 2 months in the department including their laboratory investigation and treatment ➢ Log of cases as mentioned below ➢ Procedures log as mentioned below	40%
	2		➢ Night shift (From 2pm to 8am) 1/week for 4 weeks	10%
	1		➢ Attendance of at least 1 week in the Outpatient clinic	5%
	4		➢ Practice in operative room for at least 4 weeks	20%
	3		➢ Practice in investigation unit for at least 3 weeks	15%
	1		➢ Attendance of clinical rounds (2 hours /week for 15 week)	5%
	1		➢ Formative assessment	5%
Student signature			Principle coordinator Signature	Head of the department signature

Ophthalmology cases log

Retinoscopy , refraction, contact lenses, refractive surgery, and low vision rehabilitation	
Case	**Number**
Refraction in Myopia	2
Refraction in Hypermetropia	2
Refraction in Irregular Astigmatism	2
Refraction in keratoconus	2
Refraction in presbyopia	2
Post operative refraction (Post keratoplasty, Aphakic, post RD)	2
Contact lenses (Contact lenses for difficult cases)	1
Refractive surgery PRK LASIK LASEK (observation)	1
Treatment of amblyopia	1

Cornea, external diseases			
Case	**Number**	**Case**	**Number**
Corneal ulcer Infective (bacterial, viral, fungal) Non infective allergic, degenerative, ischaemic	5	Ectropion	2
corneal dystrophies	2	Ptosis	1
Keratoconus	3	degenerative lesions pterygium pinguecula	1
dermatochalasis,blepharochalasis, blepharofimosis	1	Xerosis	1
inflammatory lesions of the skin of the lid	2	anterior segment trauma blunt trauma perforating trauma chemical injuries	2
chlazion, stye	1		
different types of blepharitis	1		
lid margin deformities	1		
entropion, trichiasis	1		

Glaucoma	
Case	**Number**
• Primary congenital glaucoma • secondary congenital glaucoma	2
• Primary angle closure glaucoma • secondary angle closure glaucoma	4
• Primary open angle glaucoma • secondary open angle glaucoma	4
• traumatic glaucoma	2

Cataract	
Case	**Number**
• Congenital cataract	5
• Senile cataract	10
• Complicated cataract	2
• Drug induced cataract	2
• Cataract in systemic diseases	2
• Dislocated anterior	1
• Posterior dislocation	1

Uveitis	
Case	**Number**
• Acute anterior and posterior uveitis.	2
• Chronic uveitis	2
• Intermediate uveitis pars planitis	2

Eye in systemic diseases	
Case	**Number**
• Ocular changes in diabetes	3
• Ocular changes in hypertension and atherosclerosis	2
• Ocular changes in Dysthyroid disesase	1
• Ocular changes in Blood diseases (Leukaemia, Lymphoma, Anaemia, Sickle cell anaemia)	1
• Ocular changes in Collagen diseases, Ocular changes in Connective tissue diseases	2

Neuro-Ophthalmology	
Case	**Number**
• Congenital optic nerve abnormalities	1
• Nystagmus	1
• Pupillary abnormalities	1
• Optic neuropathies	1

Oculoplastic Surgery and Orbit	
Case	**Number**
• Congenital eyelid deformities.	1
• Congenital orbital deformities.	1
• Common craniosynostoses and other congenital malformations.	1
• More advanced eyelid, orbital, and lacrimal trauma.	1
• Complicated cases of nasolacrimal duct obstruction	1
• Epiphora in children	2
• Canaliculitis, dacyrocystitis, acute and chronic dacryoadenitis, preseptal cellulitis, and orbital cellulitis.	1
• Thyroid ophthalmopathy.	1
• Orbital inflammatory pseudotumor.	1
• Orbital tumors	1

Vitreoretinal	
Case	Number
• Retinal detachment primary and secondary	4
• macular diseases	2
• retinal vascular diseases	2
• others	1

Pediatric ophthalmology &Strabismus	
Case	**Number**
• strabismus esotropia, exotropia, vertical deviation	2
• Defective vision	1
• amblyopia.	2
• childhood nystagmus	2
• Retinopathy of prematurity	1
• ocular anomalies and syndromes	1
• Paediatric uveitis.	2
• Congenital epiphora	2

Ocular Oncology	
Case	**Number**
• Adenexal neoplasms lid tumours, Conj tumours, Lacrimal gland tumours	2
• Retinoblastoma	1
• Malignant melanomas of the choroid	2

Procedure and Operation log

Retinoscopy, refraction, contact lenses, refractive surgery, and low vision rehabilitation procedures		
Procedure	**Number**	*** Level of participation**
Corneal topography	1	Level A
Pachometry	1	Level A
Red reflex examination	3	Level A
Streak retinoscope use	3	Level A
Keratometers	3	Level A
Autorefractometer	1	Level A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein& Rose pingal staining of the cornea and conj	4	A
taking conj swabs	1	A
Placido disc examination keratoscopy	1	A
Examination by the slit lamp	10	A
Prepare a smear from the cornea and conj for microbiology study	1	A
Schirmer test	2	A
precorneal tear film break up time	2	A
Corneal topography	3	A
Specular microscopy		
Pachometry	2	A
Ultrasonic biomicroscopy		
injection of local anaethsia for the lid and conj surgery	2	A
removal of corneal &conj FB	1	A
conj graft or flap or amniotic membrane for corneal ulcers	1	A
application of corneal glue	1	A
stromal micropuncture	1	A
removal of Pterygium		
subconj injection antibiotic steroid mrdricaine	2	A
electrocautery of the lashes	1	A

* Level of competency

A- Independent performance
B- Performance under supervision
C- Observed

Cornea, external diseases		
Procedure	**Number**	*** Level of participation**
correction of ectropion snellens	3	A
correction of recurrent entropion	2	A
correction of ectropion	2	A
correction of symblepharon	1	A
curette evacuation of chlazion	1	A
evacuation of stye	1	A
correction of ptosis	1	A
Simple repair of ocular trauma	2	A
Lid conj corneal corneoscleral	2	A
Superficial lamellar keratectomy		
grafting perforated corneal ulcers	1	A
therapeutic keratoplasty		
plastic surgery for madarosis	1	A
lid reconstruction trauma coloboma afer removal of lid tumours	1	A
Correction of recurrent ptosis	1	B
Correction of recurrent pterygium	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Glucoma		
Procedure	**Number**	*** Level of participation**
Different methods of measurement of the IOP	5	A
Mastering applanation tonometry	5	A
Gonioscopy	5	A
visual field mapping (automated)	10	A
OCT optic nerve and retina	10	A
laser iridectomy	1	A
YAG laser iridectomy	1	A
Trabeculectomy	10	A
Repeated trabeculectomy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Cataract		
Procedure	**Number**	*** Level of participation**
Evaluate and classify common types of lens opacities.	5	A
Perform subjective refraction techniques and retinoscopy in patients with cataract.	5	A
Perform direct and indirect ophthalmoscopy pre-and post-cataract surgery.	5	A
Perform Ultrasonography	10	A
Perform Biometry	10	A
Local evaluation for cataract extraction	10	A
ICCE	1	A
Secondary IOL implantation	1	A
Management of postoperative	5	B
complications of cat ext.		
phacoemulsification	1	B
Lensectomy	1	A
Cat. in silicon filled eyes	1	B
Management of posteriorly dislocated lens fragments	1	A
Cat. in children	1	A
Cat. with systemic diseases	1	A
Cat. in relation to different types of trauma	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Uveitis		
Procedure	**Number**	*** Level of participation**
Directed examination of the anterior and posterior segments for uveitis	2	A
Slit lamp biomicroscopy, scleral depression, magnified posterior segment exam, vitreous evaluation for cells).	2	A
Perform ancillary testing in the evaluation of uveitis (e.g., fluorescein angiography, ultrasound)	2	A
Prescribe steroids in the treatment of uveitis by various routes.	1	A
Evaluate and treat the complications of uveitis therapy (e.g., cataract, glaucoma)	1	A
Administer immunosuppressive agents in uveitis	1	A
Eye in systemic diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	1	A
OCT	1	A
US	3	A
Proptometry	1	A
Topical and systemic steroids		
uses of specific anti microbial drugs antifungal antiviral anti biotic	1	A
laser photocoagulation	2	B
simple vitrectomy	1	B
lid suture	1	A
tarsorrhaphy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Perform a basic pupillary examination:		
perform basic pharmacologic pupillary testing	1	A
Perform differential diagnosis of anisocoria Detection of light-near dissociation	1	A
Perform a basic ocular motility examination:		
Perform a detailed cranial nerve evaluation	1	A
Assess ocular alignment using simple techniques	1	A
Describe and perform basic cover/uncover testing for tropia.	1	A
Describe and perform alternate cover testing for phoria.	1	A
Perform simultaneous prism and cover testing.	1	A
Perform measurement of deviations with prisms.	1	A
Describe the indications for and apply Fresnel and grind-in prisms.	1	A
Describe the indications for and perform forced duction and forced generation testing.	1	A
Perform an assessment of saccade accuracy and pursuit and optokinetic testing.	1	B
Measurement of eyelid function .	1	A
Perform confrontational field testing.	1	A
Describe the indications for and perform basic Goldmann perimetry, and interpret results.	2	A
Describe the indications for and perform basic automated perimetry, and interpret results	5	A
Perform and interpret a tangent screen test.	2	A
Perform basic direct, indirect, and magnified ophthalmoscopic examination of the optic disc.	5	A
Intravenous edrophonium (Tensilon) and Pros-tigmin tests for myasthenia gravis.	1	A

Neuro-Ophthalmology		
Procedure	**Number**	*** Level of participation**
Describe the evaluation, management, and specific testing of patients with "functional" (non-organic) visual loss (e.g., recognize non-organic spiral or tunnel visual fields).	1	A
More advanced interpretation of neuro-radiologic images.	2	B
electrophysiological testing of the optic nerve	2	A
CT MRI of the brain	2	A
Describe the indications for, perform, and list the complications of temporal artery biopsy	1	B
Dacryocysteography	1	A
thyroid function tests	1	A
excision of moderate sized and large benign eyelid lesions).	1	A
incision and drainage of recurrent or larger chalazia,	1	A
incision and drainage of multiple chalazion	1	A
Treat retrobulbar hemorrhage,	1	A
Lacrimal drainage testing (irrigation, dye disappear ance test).	1	A
Lacrimal intubation.	1	A
Dacryocystorhinostomy (external).		
Dacryocystectomy	1	A

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Oculoplastic Surgery and Orbit		
Procedure	Number	* Level of participation
measurement of levator function,	1	A
orbital ultrasound interpretation	1	A
Identify indications for and perform more advanced assessment of eyelids and eyebrows.	1	B
Identify indications for and perform more advanced lacrimal assessment.	1	B
Identify indications for and perform more advanced assessment of the orbit.	1	B
Identify indications for and perform more advanced socket assessment.	1	B
Recognize orbital trauma.	1	B
Identify common orbital pathology	1	B
Treat common presentations of preseptal or orbital cellulitus.	1	A
Exophthalmometry	1	A
Investigation of epiphora probing syringing	1	A
orbit magnetic resonance imaging,	1	B
Computed tomography, ultrasound -	2	B

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Vitreo retinal diseases		
Procedure	**Number**	*** Level of participation**
Fluorescein angiography	10	A
OCT techniques	10	A
Ultrasound	12	A
Direct and indirect ophthamoscopy scleral indentation	5	A
Perform fundus drawings of the retina, showing complex vitreoretinal relationships and findings	5	A
Using different fundus viewing lenses	2	A
Amsler Grid	1	B

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Paediatric ophthalmology and Strabismus		
Procedure	**Number**	*** Level of participation**
Perform more advanced measurements of strabismus.	3	A
Perform assessment of vision in more difficult strabismus patients.	1	A
Perform preoperative assessment of strabismus	1	A
EUA for		
IOP	1	A
Angle exam	1	A
Examination of the retina	1	A
Lens exam	1	A
Investigation of epiphora	1	A
US	1	A
Perform the following strabismus surgeries:Resection	1	A
Recession	1	A

Ocular Oncology		
Procedure	**Number**	*** Level of participation**
enucleation	1	A
excision biopsy	1	A
excision biopsy	1	A
vit. tap	1	A
AC tap	1	A
excision of lid, conjunctival, and corneal tumours	1	A

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

A-Attendance, Outpatient clinic, Case log and Night Shift

Attendance (Department, Operative room and Investigation room)

Duration from -to	Location	Signature of supervisor		Duration from -to	Location	Signature of supervisor

Outpatient clinic

Date/ Duration from -to	Signature of supervisor		Date/ Duration from -to	Signature of supervisor

Clinical case log

H N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

* Level of participation
  A- Plan and carry out
  B- Carry out
  C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation
  A- Plan and carry out
  B- Carry out
  C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision

Clinical case log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision

Night Shift

Date	Signature of supervisor		Date	Signature of supervisor

Night Shift

Date	Signature of supervisor		Date	Signature of supervisor

Clinical case presentation log

H N	Diagnosis of case	Level of participation*	Location	Signature of supervisor

* Level of participation
  A- Plan and carry out
  B- Carry out
  C- Carry out under supervision

Clinical case presentation log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation
A- Plan and carry out
B- Carry out
C- Carry out under supervision

Clinical case presentation log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation
  A- Plan and carry out
  B- Carry out
  C- Carry out under supervision

Clinical case presentation log

H N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

* Level of participation

A- Plan and carry out

B- Carry out

C- Carry out under supervision

Procedures and Operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency
A- Independent performance
B- Performance under supervision
C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Procedures and operations log book

H N	Procedure	Level of competency*	Location	Signature

* Level of competency

A- Independent performance

B- Performance under supervision

C- Observed

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Academic activities

Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of supervisor

** Your role:-
A- Attendance
B- Organization
C- Presentation

Postgraduate student's program
Rotation in training assessment

**** Name:***

**** Period of training From:***

To:

**** Site:***

****Rotation***

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.								
Appraise scientific evidence.								
Continuously improve patient care based on constant self-evaluation and life-long learning.								
Participate in clinical audit and research projects.								

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Practice skills of evidence-based Medicine (EBM).								
Educate and evaluate students, residents and other health professionals.								
Design logbooks.								
Design clinical guidelines and standard protocols of management.								
Appraise evidence from scientific studies related to the patients' health problems.								
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.								
Use information technology to manage information, access on- line medical information; for the important topics.								
Master interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals, including:- • Present a case. • Write a consultation note. • Inform patients of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible medical records.								

• Teamwork skills.								

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Create and sustain a therapeutic and ethically sound relationship with patients.								
Elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills.								
Work effectively with others as a member or leader of a health care team or other professional group.								
Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and society.								
Demonstrate a commitment to ethical principles including provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices.								

Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.								
Work effectively in health care delivery settings and systems related to specialty including good administrative and time management.								
Practice cost-effective healthcare and resource allocation that does not compromise quality of care.								

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree (7)
Advocate for quality patient care and assist patients in dealing with system complexities.								
Design, monitor and evaluate specification of under and post graduate courses and programs.								
Act as a chair man for scientific meetings including time management								

Elective Course 1

Requirements

- **Credit points:** 1.5 credit point.

- Minimal rate of attendance 80% of lectures and 80% of training

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Name of the elective course: ----------

Elective Course Lectures

Date	Attendance	Topic	Signature

Elective Course Practical skills

Date	Attendance	Topic	Signature

Elective Course 2

Requirements

- **Credit points:** 1.5 credit point.

- Minimal rate of attendance 80% of lectures and 80% of training

One of these courses

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Name of the elective course: ----------

Elective Course Lectures

Date	Attendance	Topic	Signature

Elective Course Practical skills

Date	Attendance	Topic	Signature

Formative assessment and MCQ

Exam	Score	Grade*	Date	Signature

*Degree
A- Excellent
B- Very good
C- Good
D- Pass

الرسائل العلمية

عنوان الرسالة

عربـــــــــــــــــــي :

انجلـــــــــــــــــــيزي :

المشرفـــــــــــــــون :

1- .....

2- .....

3 .....

4- .....

تاريخ القيــد لدرجـــة : ..... /

تاريخ التسجيل الموضوع: .....

المتابعة الدوريـــــــــة : .....

التاريخ	ما تم انجازه من بوتوكول البحث	المتبقي	توقيع المشرفين

Declaration

Course Structure Mirror	Responsible (Course) Coordinator Name:	Signature	Date
First Part			
Course 1			
Course 2			
Course 3			
Course 4			
Second Part			
Course 5			
- Elective Course (1) Certificate Dates:			
- Elective Course (2) Certificate Dates:			
- MD Degree Thesis Acceptance Date:			
- Fulfillment of required credit points prior to final examination			
Ophthalmology M Sc Degree Principle Coordinator:			
Date approved by Ophthalmology Department Council:			

يعتمد ،

رئيس القسم

أ.د/