

AYUB MEDICAL COLLEGE ABBOTTABAD

DEPARTMENT OF MEDICAL EDUCATION



EYE MODULE

4TH YEAR MBBS

BLOCK: M

DURATION: 1 YEAR

FROM: 2022-2023

STUDENT NAME

DISCLAIMER

- Developing a study guide is a dynamic process and undergoes iteration according to the needs and priorities.
- This study guide is subjected to the change and modification over the whole academic year.
- However, students are advised to use it as a guide for respective modules.
- It is to declare that the learning objectives (general and specific) and the distribution of assessment tools (both theory and practical) are obtained from Khyber Medical University, Peshawar. These can be obtained from:
<http://kmu.edu.pk/sites/default/files/curriculum/1st%262nd-Year.zip>
- The time tables are for guiding purpose. It is to advise that final timetables are always displayed over the notice boards of each lecture hall.

Students are encouraged to provide feedback via coordinator (see “For inquiry and troubleshooting”) or use the link given below. <https://forms.gle/ZfugPgAia9VvMeJ29>

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1 Module Committee:

s. no	Name	Departm ent	Role
1.	Prof. Dr. Umar Farooq		CEO & Dean
2.	Prof. Dr. Irfan U. Khattak		Director DME
Module Team			
3.	Dr. Danish Zafar	EYE	Block Coordinator
4.	Prof Hasan Sajid Kazmi	EYE	Module Coordinator
5.	Prof. Dr Zulfiqar Ali	EYE	Member
6.	Dr. Amir Zeb	EYE	Member
7.	Dr. Bushra Aaqil	EYE	Member

2 What Is A Study Guide?

It is an aid to Inform students how student learning program of the module has been organized, to help students organize and manage their studies throughout the module and guide students on assessment methods, rules and regulations.


2.1 The study guide:

- Communicates information on organization and management of the module.
- This will help the student to contact the right person in case of any difficulty.
- Defines the objectives which are expected to be achieved at the end of the module.
- Identifies the learning strategies such as lectures, small group teachings.

2.2 Module objectives.

- Provides a list of learning resources such as books, computer-assisted learning programs, weblinks, and journals, for students to consult in order to maximize their learning.
- Highlights information on the contribution of continuous on the student's overall performance.
- Includes information on the assessment methods that will be held to determine every student's performance.

2.3 Achievement of objectives.

-  Focuses on information pertaining to examination policy, rules and regulations.



3 Recommended List Of Icons



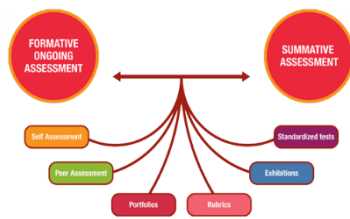
Introduction To Case



For Objectives



Critical Questions



Assessment



Resource Material

4 Organization of Module

4.1 Introduction:

Welcome to the vision module. As we know that vision is one of the special senses and very important in the sense that a large percentage of new information gathered by a person is by visual means. A person who is blind can be a big burden on the society. We should try to decrease the incidence of preventable blindness by taking appropriate measures to limit the disease and educate the masses by running awareness campaigns for the general public. In case of non preventable blindness we should come up with ways to make a blind person more useful to the society. In this module you will learn about the structure and functions of the eye, visual pathways and the visual cortex as well as common diseases of the eye and their treatment.

4.2 Rationale

The end organ responsible for vision is the eye. It is a part of the central nervous system and as there is limited regeneration in the CNS, most of the parts of the eye also have no or very limited regeneration power.

The eye has got a complex structure and to understand its function it is necessary to know the different parts of the eye, their organization and functioning of the individual parts and their integration with each other. In this way we would be able to treat the diseases of the eyes in timely manner and more efficiently.

The main function of the eye is to transmit light into the eye, refract and focus it onto the retina, from where the photoreceptors would be stimulated and send an impulse to the brain through visual pathway. The brain processes the received signals and an image is formed.

The eye is affected by various internal and external factors. Moreover, many systemic diseases such as diabetes, hypertension etc. may show signs in the eye and can disturb its function.

The student needs to have this knowledge of structure, function and common diseases of the eye and their treatment so that he / she understands it properly and is in a better position to deal with the problems of the eye.



5 Learning Objectives

5.1 General Learning Outcomes

By the end of this module the students would be able to;

5.1.1 Knowledge

1. Describe the visual standards.
2. Define and classify blindness.
3. Describe the anatomy and physiology of visual pathway and different visual field defects.
4. Describe the basics and usage of optical coherence tomography (OCT), visual fields and ultrasonography in common eye disorders.
5. Differentiate different types of lid bumps and propose a management plan for it.
6. Discuss ptosis, ectropion and entropion and describe the treatment options.
7. Examine bulgy eyes and investigate different causes of it.
8. Describe the differential diagnosis of red eye.
9. Explain the pathophysiology, and management of different conjunctival inflammations.
10. Explain the pathophysiology, and management of different corneal inflammations.
11. Discuss the pathophysiology, and management of uveal inflammations.
12. Describe the aqueous humor dynamics and its role in glaucoma.
13. Enumerate different causes of gradual visual loss and propose their management plan.
14. Enumerate different causes of sudden visual loss (painful/painless) and propose their management plan.
15. Describe squint, its presentation and principles of management.
16. Enumerate different causes of double vision and propose their management plan.
17. Enumerate different causes of childhood blindness and propose their management plan.
18. Discuss the clinical importance of white pupil in children.
19. Define amblyopia, describe its causes and management.
20. Differentiate between different terms used in ocular trauma.
21. Propose the management plan of ocular injuries.

5.1.2 Skills

1. Take detailed history in ocular conditions
2. Check visual acuity.
3. Perform pupillary examination.
4. Perform visual fields examination by confrontation methods.
5. Identify parts of slit-lamp
6. Examine anterior segment on slit lamp
7. Perform direct ophthalmoscopy
8. Identify trial lenses used in refraction.

9. Perform indirect ophthalmoscopy

10. Describe/interpret the results of OCT, Visual fields, Biometry, B-scan, FFA, Corneal topography

11. Observe Eversion of upper lids

12. Perform ptosis examination.

13. Observe ptosis surgery

14. Examine common lid abnormalities (Ectropion, Entropion, Chalazion, Stye)

15. Identify instruments used in lids surgery

16. Observe lid reconstruction procedures

17. Observe proptosis

18. Perform topical anesthesia and staining.

19. Observe corneal foreign body removal.

20. Observe corneal scrapping.

21. Observe keratoplasty.

22. Perform lacrimal regurgitation test.

23. Observe DCR surgery and identify instruments used

24. Observe first aid to Ocular trauma

25. Perform eye wash in chemical injury.

26. Observe OGI surgery.

27. Examine normal, glaucomatous and swollen disc

28. Detect common retinal conditions

29. Differentiate different retinal vascular conditions.

30. Identify RD in pictures

31. Observe Retinal detachment surgery

32. Use of lasers in eye

33. Intravitreal injections

34. Observe goldman tonometry

35. Observe Glaucoma filtration surgery

36. Observe congenital glaucoma examination (EUA) and surgery

37. Detect cataract on ocular examination

38. Observe types of Adult and Congenital cataract surgery

39. Perform extraocular movements and squint examination

40. Perform cover / uncover / alternate cover tests

41. Identify the pattern of squint (Esotropia vs. Exotropia)

42. Observe squint surgery

5.2 Specific learning objectives

Theme 1: Foundation of Ophthalmology		
Topic	Learning objectives	Lecture Hours
Standards Of Vision and Blindness	Discuss visual standards and blindness according to WHO classification.	01
Pupil Reflexes and Drugs Used In Common Eye Conditions	1. Describe the normal and abnormal pupil reflexes. 2. Discuss drugs used in common eye diseases.	01
Visual Pathway and Visual Field Defects	3. Describe the visual pathway. 4. Describe the common visual field defects.	01
Optical Coherence Tomography (OCT) and Visual fields (VF)	5. Discuss the uses of OCT and VF in ophthalmology.	01
Fundus Fluorescein Angiography (FFA) and Ultrasonography	6. Discuss the uses of FFA and Ultrasonography in ophthalmology.	01
Optics & Eye	7. Discuss visual functions (visual acuity, color vision, contrast sensitivity, light brightness), Refraction, Pseudophakia, Aphakia, and Anisometropia	01
Refractive Errors	8. Discuss pathophysiology and clinical presentation of myopia, hypermetropia, astigmatism and presbyopia	01
Correction Of Refractive Errors	9. Describe management of myopia, hypermetropia, astigmatism and presbyopia	01
Theme 2: Lid abnormalities & Bulging Eyes		
Differential Diagnosis Of Lid Bumps	10. Discuss overview of different causes of lid bumps.	01
Chalazion, Stye	11. Describe pathophysiology and management of chalazion and stye.	01
Tumors of Eyelids	12. Discuss different eyelid tumors and its pathogenesis.	01
Management of Lid Bumps	13. Describe management plan of lid bumps.	02
Ptosis	14. Discuss causes of ptosis, assessment and their management.	01
Trichiasis, Entropion and Ectropion	15. Discuss Trichiasis, Entropion and Ectropion, assessment and their management.	01
Proptosis – Basics	16. Discuss the etiology, clinical features, investigation and management of proptosis in children and adults	01
Preseptal and Orbital Cellulitis	17. Discuss the etiology, clinical features, investigation and management of proptosis in children and adults.	01

	18. Enumerate Differential diagnosis / causes of proptosis in children and adults.	
Thyroid Eye disease (TED)	19. Discuss the etiology, clinical features, investigation and management of TED.	01
Myasthenia Gravis & Migraine	20. Discuss the etiology, clinical features, investigation and management of Myasthenia Gravis. 21. Discuss the etiology, clinical features, investigation and management of Migraine.	01
Theme 3: Red Eye		
red eye	22. Enumerate causes of red eye. 23. Describe pathophysiology and management of different conjunctival (Bacterial/Viral/Fungal/Allergic) inflammations.	02
Corneal Inflammations/Infections	24. Discuss the etiology, clinical features, investigation and management of non-infectious corneal inflammations. 25. Discuss investigations for corneal ulcers.	01
Bacterial Keratitis	26. Discuss the etiology, clinical features, investigation and management of different bacterial corneal ulcers.	01
Fungal, Viral & Acanthamoeba Keratitis	27. Discuss the etiology, clinical features, investigation and management of different fungal, viral & acanthamoeba corneal ulcers.	02
Dacryocystitis	28. Discuss the etiology, clinical features, investigation and management of congenital nasolacrimal duct obstruction. 29. Assess the time of probing in children. 30. Differentiate between acute, acute on chronic and chronic Dacryocystitis. 31. Discuss the etiology, clinical features, investigation and management of Dacryocystitis.	01
Dry Eyes	32. Discuss the etiology, clinical features, investigation and management of Dry Eyes with special emphasis on Vit. A deficiency and Sjogren's syndrome.	01
Blepharitis	33. Discuss the etiology, clinical features, investigation and management of blepharitis.	01
Pterygium, Pseudo-Pterygium, Episcleritis & Scleritis	34. Describe differences between Pterygium, Pseudo-ptyerygium, Episcleritis & Scleritis and their management.	01
Basic Concepts In Ocular Trauma	35. Discuss definitions, classification & clinical evaluation of ocular injuries and principles of management.	01

	36. Discuss corneal and conjunctival foreign bodies and their treatment.	
Open Globe Injury (OGI) / IOFB / Sympathetic Ophthalmia (SO)	37. Classify OGI. 38. Discuss the etiology, clinical features, investigation and management of OGI and IOFB. 39. Discuss the etiology, clinical features, investigation and management of SO.	01
Closed Globe Injury (CGI) Orbital Floor Injury	40. Discuss the etiology, clinical features, investigation and management of CGI. 41. Classify CGI.	01
Radiation, Thermal, Chemical Injuries	42. Discuss the etiology, clinical features, investigation and management of radiation injury. 43. Discuss the etiology, clinical features, investigation and management of thermal injury 44. Discuss the etiology, clinical features, investigation and management of chemical injury.	01
Visual Rehabilitation	45. Discuss various options of visual rehabilitation after ocular trauma. 46. Discuss rehabilitation services for blind people in our setup.	01
Uveitis – Basics	47. Discuss Definitions, classifications, history & workup of uveitis.	01
Anterior & Posterior Uveitis	48. Discuss the etiology, clinical features, investigation and management of Anterior uveitis. 49. Discuss the etiology, clinical features, investigation and management of Posterior Uveitis.	01
Theme 4: Visual loss		
Visual Loss & Intraocular Pressure (IOP)	50. Classify causes of visual loss in following order: 51. Visual Loss associated with Anterior segment. 52. Visual Loss associated with Posterior segment. 53. Discuss Aqueous humor dynamics and its role in IOP. 54. Enumerate causes of gradual & sudden visual loss. 55. Define and Classify Glaucoma.	01
Open angle glaucoma	56. Discuss the differences between POAG, NTG and OHT. 57. Discuss the etiology, clinical features, investigation and management of POAG. 58. Discuss the etiology, clinical features, investigation and management of NTG.	01

	59. Discuss the etiology, clinical features, investigation and management of OHT.	
Primary Angle Closure Glaucoma (PACG)	60. Discuss briefly the stages of PACG. 61. Discuss the etiology, clinical features, investigation and management of Acute angle closure.	01
Neovascular Glaucoma & Lens Induced Glaucoma	62. Discuss the etiology, clinical features, investigation and management of Neovascular glaucoma. 63. Discuss the etiology, clinical features, investigation and management of lens induced glaucoma.	01
Treatment Options In Glaucoma	64. Enumerate different treatment options in glaucoma. 65. Discuss the indications of each treatment option.	01
Cataract	66. Define cataract. 67. Describe the types of Age related cataract. 68. Describe the pathogenesis and complications of cataract. 69. Describe the management of cataract.	01
Cataract Surgery Complications	70. Discuss the etiology, clinical features, investigation and management of Endophthalmitis. 71. Discuss the etiology, clinical features, investigation and management of Panophthalmitis.	01
Corneal Ectasia, Dystrophy & Degeneration	72. Discuss the etiology, clinical features, investigation and management of keratoconus. 73. Give overview of corneal dystrophies and degenerations.	01
Diabetic Eye Disease	74. Discuss the effects of diabetes on eye. 75. Discuss the etiology, clinical features, investigation and management of Diabetic Eye Disease (Diabetic Retinopathy and maculopathy).	01
Hypertensive Retinopathy	76. Discuss the effects of hypertension on eye. 77. Discuss the etiology, clinical features, investigation and management of Hypertensive Retinopathy.	01
Central Retinal Vein Occlusion (CRVO) And	78. Discuss the etiology, clinical features, investigation and management of CRVO.	01
Central Retinal Artery Occlusion (CRAO)	79. Discuss the etiology, clinical features, investigation and management of CRAO.	01
Retinal Detachment (RD)	80. Discuss the etiology, clinical features, investigation and management of RD.	01

Choroidal Melanoma	81. Discuss the etiology, clinical features, investigation and management of choroidal melanoma. 82. Describe the importance of this condition on mortality.	01
Night Blindness – Retinitis Pigmentosa, Vit. A Deficiency	83. Discuss the etiology, clinical features, investigation and management of Retinitis pigmentosa. 84. Discuss the etiology, clinical features, investigation and management of Vit. A deficiency.	01
Optic neuritis	85. Classify optic neuritis. 86. Discuss the etiology, clinical features, investigation and management of optic neuritis.	01
Hereditary, Nutritional & Toxic Optic Neuropathies	87. Discuss the etiology, clinical features, investigation and management of these optic neuropathies.	01
Papilledema	88. Describe the difference between papilledema and disc swelling. 89. Discuss the etiology, clinical features, investigation and management of papilledema.	01

5.3 Clinicals Schedule

Theme 1: Foundation of Ophthalmology			
Topic	Learning objectives	Assessment method	Hours
1. History Taking 2. Visual Acuity	<ul style="list-style-type: none"> Take detailed history in ocular conditions Check visual acuity. 	OSCE	03 + 02
3. Pupil Examination	<ul style="list-style-type: none"> Perform pupillary examination. 	OSCE	03
4. Visual Fields (Confrontation)	<ul style="list-style-type: none"> Perform visual fields examination by confrontation methods. 	OSCE	03
5. Slit-Lamp Examination	<ul style="list-style-type: none"> Identify parts of slit-lamp 	OSCE	01
6. Anterior Segment Examination	<ul style="list-style-type: none"> Examine anterior segment on slit lamp 	OSCE	01
7. Direct Ophthalmoscopy	<ul style="list-style-type: none"> Perform direct ophthalmoscopy 	OSCE	02
8. Retinoscopy	<ul style="list-style-type: none"> Identify trial lenses used in refraction. 	OSCE	03
9. Indirect Ophthalmoscopy	<ul style="list-style-type: none"> Perform indirect ophthalmoscopy 	OSCE	02

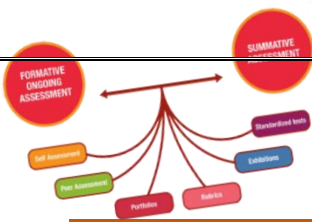
Investigations 10. OCT 11. Visual Fields 12. Biometry 13. B-Scan 14. FFA 15. Corneal Topography	Describe/interpret the results of: <ul style="list-style-type: none"> • OCT • Visual fields • Biometry • B-scan • FFA • Corneal topography 	OSCE	03 + 02
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Theme 2: Lid Abnormalities & Bulging Eyes			
Topic	Learning objectives	Assessment method	Hours
16. Eversion Of Upper Lids	<ul style="list-style-type: none"> • Observe Eversion of upper lids 	OSCE	01
17. Ptosis Examination	<ul style="list-style-type: none"> • Perform ptosis examination. 	OSCE	03
18. Ptosis And Its Surgeries	<ul style="list-style-type: none"> • Observe ptosis surgery 	OSCE	03
19. Lids Abnormalities	<ul style="list-style-type: none"> • Examine common lid abnormalities (Ectropion, Entropion, Chalazion, Stye) 	OSCE	03
20. Lids Surgery Related Instruments	<ul style="list-style-type: none"> • Identify instruments used in lids surgery 	OSCE	03
21. Lid Reconstruction Procedures	<ul style="list-style-type: none"> • Observe lid reconstruction procedures 	OSCE	05
22. Proptosis	<ul style="list-style-type: none"> • Observe proptosis 	OSCE	03
Theme 3: Red Eye			
Topic	Learning objectives	Assessment method	Hours
23. Use Of Topical Anesthesia And Staining	<ul style="list-style-type: none"> • Perform topical anesthesia and staining. 	OSCE	01
24. Removal Of Superficial Foreign Bodies	<ul style="list-style-type: none"> • Observe corneal foreign body removal. 	OSCE	01
25. Corneal Scrapping	<ul style="list-style-type: none"> • Observe corneal scrapping. 	OSCE	02
26. Keratoplasty Surgery	<ul style="list-style-type: none"> • Observe keratoplasty. 	OSCE	03
27. Lacrimal Regurgitation Test	<ul style="list-style-type: none"> • Perform lacrimal regurgitation test. 	OSCE	01
28. Dacryocystorhinostomy (DCR) Surgery & Its Instruments	<ul style="list-style-type: none"> • Observe DCR surgery and identify instruments used 	OSCE	03
29. Ocular Trauma	<ul style="list-style-type: none"> • Observe first aid to Ocular trauma • Perform eye wash in chemical injury. 	OSCE	03
30. Globe Repair Surgery	<ul style="list-style-type: none"> • Observe OGI surgery. 	OSCE	03

Theme 4: Visual Loss			
Topic	Learning objectives	Assessment method	Hours
31. Normal Disc 32. Disc Abnormalities 33. Swollen Disc(S)	<ul style="list-style-type: none"> Examine normal disc Examine glaucomatous disc. Examine swollen disc 	OSCE	03
34. Detection Of Retinal Lesions 35. Retinal Vascular Diseases	<ul style="list-style-type: none"> Detect common retinal conditions Differentiate different retinal vascular conditions. 	OSCE	03
36. Retinal Detachment	<ul style="list-style-type: none"> Identify RD in pictures Observe Retinal detachment surgery 	OSCE	03
37. Use Of Lasers In Eye 38. Intravitreal Injections	Discuss <ul style="list-style-type: none"> Use of lasers in eye Intravitreal injections 	OSCE	02
39. Tonometry	Observe goldman tonometry	OSCE	01
40. Glaucoma Filtration Surgery	Observe Glaucoma filtration surgery	OSCE	03

Theme 5: Childhood Blindness & Crossed Eyes			
Topic	Learning objectives	Assessment method	Hours
41. Congenital Glaucoma	<ul style="list-style-type: none"> Observe congenital glaucoma examination (EUA) and surgery 	OSCE	03
42. Cataract (Adult and Congenital)	<ul style="list-style-type: none"> Detect cataract on ocular examination 	OSCE	03
43. Cataract surgery	<ul style="list-style-type: none"> Observe types of Adult and Congenital cataract surgery 	OSCE	03 + 03
44. Extraocular Movements	<ul style="list-style-type: none"> Perform extraocular movements and squint examination 	OSCE	03
45. Squint Examination	<ul style="list-style-type: none"> Perform cover / uncover / alternate cover tests Identify the pattern of squint (Esotropia vs. Exotropia) 	OSCE	03
46. Squint Surgery	<ul style="list-style-type: none"> Observe squint surgery 	OSCE	03
Theme 5: Childhood Blindness & Crossed Eyes			
Topic	Learning objectives	Hours	
White pupil (leukocoria) and Retinoblastoma (RB)	90. Describe the importance of white pupil in children.	01	

	<p>91. Differentiate different causes of white pupil in children.</p> <p>92. Discuss investigations in white pupil.</p> <p>93. Discuss the etiology, clinical features, investigation and management of RB.</p>	
Congenital Cataract	<p>94. Define congenital cataract.</p> <p>95. Describe the types of congenital cataracts.</p> <p>96. Describe the pathogenesis and complications of congenital cataracts.</p> <p>97. Describe the management of congenital cataracts.</p>	01
Congenital Glaucoma	<p>98. Discuss the etiology, clinical features, investigation and management of Congenital Glaucoma.</p>	01
Amblyopia	<p>99. Define Amblyopia.</p> <p>100. Discuss the etiology, clinical features, investigation and management of amblyopia.</p>	01
Squint – Basics	<p>101. Discuss definitions, clinical evaluation of squint and principles of management</p>	01
Concomitant Squint Esotropia	<p>102. Define concomitant squint.</p> <p>103. Discuss the etiology, clinical features, investigation and management of esotropia.</p>	01
Exotropia	<p>104. Discuss the etiology, clinical features, investigation and management of exotropia.</p>	01
Diplopia & Incomitant Squint	<p>105. Discuss differential diagnosis/causes of diplopia.</p> <p>106. Define incomitant squint.</p> <p>107. Discuss the etiology, clinical features, investigation and management of 3rd nerve palsy.</p> <p>108. Discuss the etiology, clinical features, investigation and management of 4th nerve palsy.</p> <p>109. Discuss the etiology, clinical features, investigation and management of 6th nerve palsy.</p>	01



6 Examination and Methods of Assessment:

6.1 Instruction:

- 1) This Block comprises ENT and EYE modules and will be assessed in paper-M
- 2) Paper-M consists of 120 MCQs
- 3) Internal assessment will be added to final marks in KMU.
- 4) In OSPE, each station will be allotted 6 marks, and a total of 120 (+10% marks of internal assessment) marks are allocated for the OSPE/OSCE examination

Paper-M (ENT and EYE module)

Table-7: MCQs

Subject	Total MCQs
ENT	60
EYE	60
Total	120

Table-8: OSCE

Subject	Total OSCE stations
ENT	10
EYE	10
Total	20

A minimum of 20 stations will be used in final exams. Total marks will be 120 (6 marks for each station).

Table-10: total marks distribution for all papers of year-4 (MBBS)

4th Year MBBS Modules Assessment Plan

Theory paper	Modules	Theory marks	Internal assessment theory(10%)	OSPE/OSPE	Internal assessment OSPE/OSPE (10%)	Total Marks
Paper J	Neurosciences-2	120	13	120	13	266
Paper K	GIT & Hepatobiliary-2	120	13	120	13	266
Paper L	Renal-2, Endocrine & Reproduction -2	120	14	120	13	267
Paper M	ENT and EYE	120	13	120	13	266
Research *				20	15	35
Total Marks		480	53	500	67	1100

- *Research viva of 20 marks will be conducted in paper-L. However, the rest of 15 marks will be decided by the concerned department internally for the contribution of the students in research project/thesis.



7 Learning Opportunities and Resources

7.1 Books:

1. Ophthalmology Shafi Jatoi
2. Clinical Ophthalmology Jack J Kanski
3. Parsons Diseases of the Eye

8 For inquiry and troubleshooting



Please contact

Dr Danish Zafar

Chairperson EYE Department

Ayub Medical Institution

Abbottabad

9 Course Feedback Form

Course Title: _____

Semester/Module _____ Dates: _____

Please fill the short questionnaire to make the course better.

Please respond below with 1, 2, 3, 4 or 5, where 1 and 5 are explained.

THE DESIGN OF THE MODLUE

- A. Were objectives of the course clear to you? Y N
- B. The course contents met with your expectations
 I. Strongly disagree 5. Strongly agree
- C. The lecture sequence was well-planned
 I. Strongly disagree 5. Strongly agree
- D. The contents were illustrated with
 I. Too few examples 5. Adequate examples
- E. The level of the course was
 I. Too low 5. Too high
- F. The course contents compared with your expectations
 I. Too theoretical 5. Too empirical
- G. The course exposed you to new knowledge and practices
 I. Strongly disagree 5. Strongly agree
- H. Will you recommend this course to your colleagues?
 I. Not at all 5. Very strongly
-

THE CONDUCT OF THE MODLUE

- A. The lectures were clear and easy to understand
 I. Strongly disagree 5. Strongly agree
- B. The teaching aids were effectively used
 I. Strongly disagree 5. Strongly agree
- C. The course material handed out was adequate
 I. Strongly disagree 5. Strongly agree
- D. The instructors encouraged interaction and were helpful
 I. Strongly disagree 5. Strongly agree
- E. Were objectives of the course realized? Y N

F. Please give overall rating of the course

90% - 100% ()

60% - 70% ()

80% - 90% ()

50% - 60% ()

70% - 80% ()

below 50% ()

Please comment on the strengths of the course and the way it was conducted.

Please comment on the weaknesses of the course and the way it was conducted.

Please give suggestions for the improvement of the course.

Optional – Your name and contact address:

Thank you!!
