

2.5.3

Ophthalmology Reforms

2.5.3

(PROCESSES
INTEGRATING IT)

BLUE
PRINTS



Dr. Vasant Rao Pawar Medical College, Hospital & Research Centre,
Adgaon, Nashik – 03.

Department of Ophthalmology

Blue Print UG (VI Semester)

Preliminary Exam

Step-1 List of Topics

Sr.No	Topic
1	Visual Acuity Assessment
2	Lids and Adnexa, Orbit
3	Conjunctiva
4	Corneas
5	Sclera
6	Iris and Anterior chamber
7	Lens
8	Retina & optic Nerve
9	Miscellaneous

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Step-2 Skeleton of the assessment tool

Question Pattern / Type	No of Items	Marks	Marks Including Options
MCQs	20 (0.5 Marks each)	10	10
LAQs	2 (9 Marks each)	18	18
SAQs	Any 3 out of 5 (4 Marks each)	12	20
Total	25	40	48

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Step-3 WEIGHTAGE of each topic

Sr.No	Topic	Impact (I)	Frequency (F)	W=I x F
1	Visual Acuity Assessment	2	3	6
2	Lids and Adnexa, Orbit	2	2	4
3	Conjunctiva	2	2	4
4	Corneas	3	3	10
5	Sclera	1	1	1
6	Iris and Anterior chamber	3	2	6
7	Lens	3	3	10
8	Retina & optic Nerve	3	2	6
9	Miscellaneous	1	1	1
Total				48

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Step-4 Marks Allotted to each topics

Sr.No	Topic	W = I X F	Marks Allotted
1	Visual Acuity Assessment	6	6
2	Lids and Adnexa, Orbit	4	4
3	Conjunctiva	4	4
4	Corneas	10	10
5	Sclera	1	1
6	Iris and Anterior chamber	6	6
7	Lens	10	10
8	Retina & optic Nerve	6	6
9	Miscellaneous	1	1
Total		48	48

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Step-5 Types of Question as per allotted Marks

Sr.No	Topic	W = I X F	Marks Allotted	MCQs	SAQs	LAQs
1	Visual Acuity Assessment	6	6	4	1	
2	Lids and Adnexa, Orbit	4	4		1	
3	Conjunctiva	4	4		1	
4	Corneas	10	10	2		1
5	Sclera	1	1	2		
6	Iris and Anterior chamber	6	6	4	1	
7	Lens	10	10	2		1
8	Retina & optic Nerve	6	6	4	1	
9	Miscellaneous	1	1	2		
Total		48	48	20	5	2

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Step-6 Level of Assessment

Sr.No	Topic	W = I X F	Marks Allotted	MCQs	SAQs	LAQs
1	Visual Acuity Assessment	6	6	4(2C+1R+1A)	1(C+A)	
2	Lids and Adnexa, Orbit	4	4		1(C+R)	
3	Conjunctiva	4	4		1(C)	
4	Corneas	10	10	2(1R+1C)		1(C+A+R)
5	Sclera	1	1	2(1C+1A)		
6	Iris and Anterior chamber	6	6	4(2C+1A+1R)	1(C+A)	
7	Lens	10	10	2(1A+1R)		1(C+A+R)
8	Retina & optic Nerve	6	6	4(2C+1A+1R)	1(C+A)	
9	Miscellaneous	1	1	2(2C)		
Total		48	48	20	5	2

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Department of Ophthalmology

Blue Print PG

Preliminary Exam

Paper I

Step-1 List of Topics

Sr.No	Topic
1	Basic Sciences (Anatomy and Physiology)
2	Optics

Step-2 Skeleton of the assessment tool

Question Pattern / Type	No of Items	Marks	Marks Including Options
LAQs	2 (25 Marks each)	50	50
SAQs	Any 5 out of 6 (10 Marks each)	50	60
Total	100	100	110



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Step-3 WEIGHTAGE of each topic

Sr.No	Topic	Impact (I)	Frequency (F)	W=I x F
1	Basic Sciences	2	3	6
2	Optics	3	3	9
Total				15

Step-4 Marks Alloted to each topics

Sr.No	Topic	W = I X F	Marks Allotted
1	Basic Sciences	6	44
2	Optics	9	66
Total		15	110

Step-5 Types of Question as per allotted Marks

Sr.No	Topic	W = I X F	Marks Allotted	SAQs	LAQs
1	Basic Sciences	6	44	2	1
2	Optics	9	66	4	1



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Step-6 Level of Assessment

Sr.No	Topic	W = I X F	Marks Allotted	SAQs	LAQs
1	Basic Sciences	6	44	2 (1R+1A)	1 (C)
2	Optics	9	66	4(2C+1R+1A)	1(C)
Total		15	110	6	2



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Department of Ophthalmology

Preliminary Exam

PG Paper II

Step-1 List of Topics

Sr.No	Topic
1	Disorders of the lids
2	Disorders of the lacrimal system
3	Disorders of the Conjunctiva
4	Disorders of the Sclera
5	Disorders of the Cornea
6	Disorders of the Uveal Tract
7	Disorders of the Lens
8	Disorders of the Retina
9	Disorders of the Optic Nerve and Visual Pathway
10	Disorders of the Orbit
11	Glaucoma
12	Neuro-ophthalmology
13	Paediatric ophthalmology
14	Strabismus and Amblyopia



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Step-2 Skeleton of the assessment tool

Question Pattern / Type	No of Items	Marks	Marks Including Options
LAQs	2 (25 Marks each)	50	50
SAQs	Any 5 out of 6 (10 Marks each)	50	60
Total	100	100	110




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Step-3 WEIGHTAGE of each topic

Sr.No	Topic	Impact (I)	Frequency (F)	W=I x F
1	Disorders of the lids	2	2	5
	Disorders of the lacrimal system	2	2	5
2	Disorders of the Conjunctiva	2	3	6
	Disorders of the Sclera			
	Disorders of the Cornea	3	3	9
3	Disorders of the Uveal Tract	3	2	6
	Disorders of the	3	3	9
4	Disorders of the Lens	3	3	9
	Congenital cataract	3	2	6
5	Open Angle Glaucoma	3	3	9
	Angle closure Glaucoma	3	2	6
6	Disorders of the Optic Nerve and Visual Pathway	3	3	9
7	Disorders of the Orbit	3	3	9
8	Paediatric ophthalmology	3	3	9
	Strabismus and Amblyopia			
Total				97

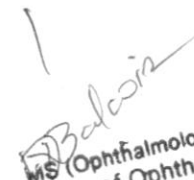



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Step-4 Marks allotted

Sr.No	Topic	W=I x F	Marks allotted
1	Disorders of the lids	5	6
	Disorders of the lacrimal system	5	6
2	Disorders of the Conjunctiva Disorders of the Sclera	6	7
	Disorders of the Cornea	9	10
3	Disorders of the Uveal Tract	6	7
	Disorders of the Retina	9	10
4	Disorders of the Lens	9	10
	Congenital cataract	6	7
5	Open Angle Glaucoma	9	10
	Angle closure Glaucoma	6	7
6	Disorders of the Optic Nerve and Visual Pathway	9	10
7	Disorders of the Orbit	9	10
8	Paediatric ophthalmology Strabismus and Amblyopia	9	10
Total		97	110





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Step-5 Types of Question as per allotted Marks

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Disorders of the lids Disorders of the Optic Nerve and Visual Pathway Disorders of the Orbit Disorders of the lacrimal system	28	32	-	1
2	Disorders of the Conjunctiva Disorders of the Sclera Cornea, Paediatric ophthalmology Strabismus and Amblyopia	24	27	-	1
3	Disorders of the Uveal Tract Retina	15	17	2	-
4	Disorders of the Lens Congenital cataract	15	17	2	-
5	Open Angle Glaucoma Angle closure Glaucoma	15	17	2	-
Total		97	110	6	2




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Step-6 Level of Assessment

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Disorders of the lids Disorders of the Optic Nerve and Visual Pathway Disorders of the Orbit Disorders of the lacrimal system	28	32	-	1 (C)
2	Disorders of the Conjunctiva Disorders of the Sclera Cornea, Paediatric ophthalmology Strabismus and Amblyopia	24	27	-	1(C)
3	Disorders of the Uveal Tract Retina	15	17	2 (1R+1A)	-
4	Disorders of the Lens Congenital cataract	15	17	2 (1R+1A)	-
5	Open Angle Glaucoma Angle closure Glaucoma	15	17	2 (1R+1A)	-
Total		97	110	6	2



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Department of Ophthalmology

Preliminary Exam

PG Paper III

Step-1 List of Topics

Sr.No	Topic
1	Disorders of the lids
2	Disorders of the lacrimal system
3	Disorders of the Conjunctiva
4	Disorders of the Sclera
5	Disorders of the Cornea
6	Disorders of the Uveal Tract
7	Disorders of the Lens
8	Disorders of the Retina
9	Disorders of the Optic Nerve and Visual Pathway
10	Disorders of the Orbit
11	Glaucoma
12	Neuro-ophthalmology
13	Paediatric ophthalmology
14	Strabismus and Amblyopia



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Step-2 Skeleton of the assessment tool

Question Pattern / Type	No of Items	Marks	Marks Including Options
LAQs	2 (25 Marks each)	50	50
SAQs	Any 5 out of 6 (10 Marks each)	50	60
Total	100	100	110




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Step-3 WEIGHTAGE of each topic

Sr.No	Topic	Impact (I)	Frequency (F)	W=I x F
1	Disorders of the lids	2	2	5
	Disorders of the lacrimal system	2	2	5
2	Disorders of the Conjunctiva	2	3	6
	Disorders of the Sclera			
	Disorders of the Cornea	3	3	9
3	Disorders of the Uveal Tract	3	2	6
	Disorders of the	3	3	9
4	Disorders of the Lens	3	3	9
	Congenital cataract	3	2	6
5	Open Angle Glaucoma	3	3	9
	Angle closure Glaucoma	3	2	6
6	Disorders of the Optic Nerve and Visual Pathway	3	3	9
7	Disorders of the Orbit	3	3	9
8	Paediatric ophthalmology	3	3	9
	Strabismus and Amblyopia			
Total				97





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Step-4 Marks allotted

Sr.No	Topic	W=I x F	Marks allotted
1	Disorders of the lids	5	6
	Disorders of the lacrimal system	5	6
2	Disorders of the Conjunctiva Disorders of the Sclera	6	7
	Disorders of the Cornea	9	10
3	Disorders of the Uveal Tract	6	7
	Disorders of the Retina	9	10
4	Disorders of the Lens	9	10
	Congenital cataract	6	7
5	Open Angle Glaucoma	9	10
	Angle closure Glaucoma	6	7
6	Disorders of the Optic Nerve and Visual Pathway	9	10
7	Disorders of the Orbit	9	10
8	Paediatric ophthalmology Strabismus and Amblyopia	9	10
Total		97	110





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Step-5 Types of Question as per allotted Marks

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Disorders of the lids Disorders of the Optic Nerve and Visual Pathway Disorders of the Orbit Disorders of the lacrimal system	28	32	-	1
2	Disorders of the Conjunctiva Disorders of the Sclera Cornea, Paediatric ophthalmology Strabismus and Amblyopia	24	27	-	1
3	Disorders of the Uveal Tract Retina	15	17	2	-
4	Disorders of the Lens Congenital cataract	15	17	2	-
5	Open Angle Glaucoma Angle closure Glaucoma	15	17	2	-
Total		97	110	6	2




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Step-6 Level of Assessment

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Disorders of the lids Disorders of the Optic Nerve and Visual Pathway Disorders of the Orbit Disorders of the lacrimal system	28	32	-	1 (C)
2	Disorders of the Conjunctiva Disorders of the Sclera Cornea, Paediatric ophthalmology Strabismus and Amblyopia	24	27	-	1(C)
3	Disorders of the Uveal Tract Retina	15	17	2 (1R+1A)	-
4	Disorders of the Lens Congenital cataract	15	17	2 (1R+1A)	-
5	Open Angle Glaucoma Angle closure Glaucoma	15	17	2 (1R+1A)	-
Total		97	110	6	2



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Department of Ophthalmology

Preliminary Exam

PG Paper IV

Step-1 List of Topics

Sr.No	Topic
1	Recent Advances - Diagnostics
2	Recent Advances - Management



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Step-2 Skeleton of the assessment tool

Question Pattern / Type	No of Items	Marks	Marks Including Options
LAQs	2 (25 Marks each)	50	50
SAQs	Any 5 out of 6 (10 Marks each)	50	60
Total	100	100	110



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Step-3 WEIGHTAGE of each topic

Sr.No	Topic	Impact (I)	Frequency (F)	W=I x F
1	Recent Advances - Diagnostics	2	2	5
2	Recent Advances - Management	2	2	5
Total				10




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Step-4 Marks allotted

Sr.No	Topic	W=I x F	Marks allotted
1	Recent Advances - Diagnostics	5	55
2	Recent Advances - Management	5	55
Total		10	110



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Step-5 Types of Question as per allotted Marks

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Recent Advances - Diagnostics	5	55	3	1
2	Recent Advances - Management	5	55	3	1
Total		10	110	6	2



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Step-6 Level of Assessment

Sr.No	Topic	W=I x F	Marks allotted	SAQs	LAQs
1	Recent Advances - Diagnostics	5	55	3 (1C+1R+1A)	1 (C)
2	Recent Advances - Management	5	55	3 (2C+1A)	1 (C)
Total		10	110	6	2



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2.5.3

(PROCESSES
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OSCE



**Dr. Vasant Rao Pawar Medical College, Hospital & Research Centre,
Adgaon, Nashik – 03.**

Department of Ophthalmology

OSCE FOR POSTGRADUATE STUDENTS

OSCE -1

RETINOSCOPY

- Q 1. Perform retinoscopy of this patient and write your findings. [2 marks]**
- Q 2. Do subjective refraction. [1mark]**
- Q 3. What is the optical principle of Retinoscopy? [1 mark]**
- Q 4. Write the 3 stages of Retinoscopy . [1 mark]**

CHECKLIST-

- 1. Communication skill [½]**
- 2. Proper distance between patient and student [1m] maintained [1/2]**
- 3. Proper method of retinoscopy [1]**
- 4. Correct answer for Q 3. [1]**
- 5. Correct answer for Q4. [1]**

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OSCE 2

INDIRECT OPHTHALMOSCOPY

Q1. Perform indirect ophthalmoscopy on the given patient and draw your fundus findings. [2 marks]

Q 2. What is the diagnosis? [1]

Q 3. What investigations are to be done in this case? [1]

Q4. Write the treatment modalities in this case? [1]

CHECKLIST-

1. Communication skill [1/2]
2. Proper distance maintained [1/2]
3. Correct method performed [1]
4. Correct answer to q 2 [1]
5. Correct answer to Q 3 [1]
6. Correct answer to Q 4 [1]

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OSCE 3

PRISM BAR COVER TEST

Q 1. Perform Prism bar cover test and calculate the amount of deviation in this patient.
[3]

Q2. What is Herring's law? [1]

Q 3. What is Sherrington's law? [1]

CHECKLIST-

1. Communication skill [1/2]
2. Proper distance [1/2]
3. Correct method of holding the instrument. [1]
4. Correct amount of deviation calculated [1]
5. Correct answer to Q2 [1]
6. Correct answer to Q 3 [1]

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OSCE 4

GONIOSCOPY

Q 1. Perform Gonioscopy and do the grading of open angle.[3]

Q 2. What are the structures of angle of anterior chamber? [1]

Q 3. What are the stages of angle closure Glaucoma? [1]

CHECKLIST-

1. Communication skill[1]
2. Proper application of Goniolens in the eye [1]
3. Correct grading of angle of anterior chamber [1]
4. Correct answer to 2 [1]
5. Correct answer to Q3 [1]

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OSCE 5

APPLANATION TONOMETRY

Q1. Measure the intraocular pressure in the given patient by applanation tonometry.

[3]

Q 2. What is Imbert Fick's law? [1]

Q3. Define Ocular Hypertension. [1]

CHECKLIST-

1. Communication skill [1/2]
2. Proper staining of mires [1/2]
3. Proper method of tonometry [2]
4. Correct answer to Q.2 [1]
5. Corret answer to Q 3 [1]

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Department of Ophthalmology

OSCE FOR UNDERGRADUATE STUDENTS

OSCE 1

VISUAL ACUITY MEASUREMENT

Q 1. Measure the Distant visual acuity of the given patient using Snellen's Chart. [3 marks]

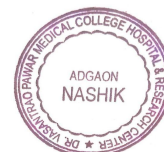
Q 2. What is normal visual acuity of a person? [1 mark]

Q 3. Which chart is used for measuring visual acuity in an illiterate person? [1 mark]

CHECKLIST for examiner-

1. Communication skill (½)
2. Proper distance of the patient from the snellen's chart maintained (6metre)
(1/2)
3. Occludes one eye and records vision of the other eye
(1)
4. Accurate visual acuity written.(1)
5. Correct answer for Q 2 (1)
6. Correct answer for Q 3 (1)

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OSCE 2

DIGITAL TONOMETRY

Q 1. Demonstrate the correct method of Digital tonometry in the given patient. [3 marks]

Q.2 What is the normal intraocular pressure ? [1 mark]

Q 3. What are the types of tonometry ? [1 mark]

CHECKLIST for examiner

1. Communication skills (½ mark)
2. Instructs the patient to look down. (½ mark)
3. Places the index fingers of both the hands on the same eye above the tarsal plate. (1mark)
4. Taps with one finger and feels fluctuation with the other. (1 mark)
5. Correct answer for Q 2 (1 mark)
6. Correct answer for Q 3 (1 mark)

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OSCE 3

IRIS SHADOW TEST

Q1. Demonstrate the Iris Shadow Test on this patient and write down your conclusion. [3 marks]

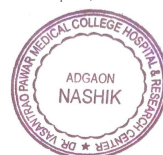
Q 2. When will you get a negative iris shadow test? [1mark]

Q 3. Why do you get a positive iris shadow test? [1mark]

CHECKLIST-

1. Communication skill (1)
2. Shows torch light from the temporal side and focusses on the pupil and lens. (1)
3. Correct conclusion (1)
4. Correct answer for Q. 2 (1)
5. Correct answer for Q 3 (1)

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OSCE 4

NEAR VISION ASSESSMENT

Q 1. Measure the near vision in the given patient. [2marks]

Q 2. What is Presbyopia? [1mark]

Q 3. Name any 2 Near vision charts [1 mark]

Q 4. What do you mean by progressive lens? [1 mark]

Checklist-

1. Communication skill (1)
2. Holds the chart at proper distance (33cm) (1)
3. Correct answer for Q 2 [1]
4. Correct answer for Q 3 [1]
5. Correct answer for Q 4 [1]

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OSCE 5

PUPILLARY LIGHT REACTIONS

Q 1. Demonstrate the Direct and Consensual Pupillary light reactions in the given patient. [3]

Q 2. What is a Marcus Gunn pupil? [1]

Q 3. Which colour pupillary reflex is seen in Aphakia ? [1]

CHECKLIST-

1. Communication skill (1)
2. Accurate Direct pupillary light reaction method (1)
3. Accurate Consensual pupillary light reaction method (1)
4. Correct answer for Q 2
5. Correct answer for Q 3

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2.5.3

(PROCESSES

INTEGRATING IT)

PROCEDURAL SKILL MODULE



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VASANTDADA NAGAR, ADGAON, NASHIK, 422003

Department of Ophthalmology

Program Report

Title of Program	Wet Lab Training
Objective of Program	Training of PG students in cataract surgery (SICS), Trabeculectomy, Suture & Pterygium graft.
Date of Program	2015
Venue	Dr. Vasant Rao Pawar Medical College
Organised By	Department of Ophthalmology, Dr. Vasant Rao Pawar Medical College, Nashik
Program in- Charge	Dr Dhiraj Balwir
Program Approved by Principal/HOD	Yes
Supporting Staff Member	Dr. Amit Deshmukh Dr. Sonal Wani Dr. Shweta Kokas



	<p>Dr.Kalpna Gadsing</p> <p>Dr.Khushboo Shah</p> <p>Dr.Deepti Karad</p>
Brief about the Program (Activity/Event)	Hands-on surgical training given on Goat's Eyeball and discarded human eye ball.

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Department of Ophthalmology

Program Report :

Title of Program	Wet Lab Training
Objective of Program	Training of PG students in cataract surgery (SICS), Trabeculectomy, Suture & Pterygium graft.
Date of Program	2016
Venue	Dr. Vasant Rao Pawar Medical College
Organised By	Department of Ophthalmology, Dr. Vasant Rao Pawar Medical College, Nashik
Program in- Charge	Dr. Dhiraj Balwir
Program Approved by Principal/HOD	Yes
Supporting Staff Member	Dr. Amit Deshmukh Dr. Sonal Wani Dr. Shweta Kokas Dr. Kalpana Gadsing



	Dr.Khushboo Shah Dr.Deepti Karad
Brief about the Program (Activity/Event)	Hands-on surgical training given on Goat's Eyeball and discarded human eye ball.

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Deepthi

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Department of Ophthalmology

Program Report :

Title of Program	Wet Lab Training
Objective of Program	Training of PG students in cataract surgery (SICS), Trabeculectomy, Suture & Pterygium graft.
Date of Program	2017
Venue	Dr. Vasant Rao Pawar Medical College
Organised By	Department of Ophthalmology, Dr. Vasant Rao Pawar Medical College, Nashik
Program in- Charge	Dr Dhiraj Balwir
Program Approved by Principal/HOD	Yes
Supporting Staff Member	Dr. Shweta Kokas Dr. Kalpana Gadsing Dr. Sonal Wani Dr. Sanjay Mahadik



Brief about the Program (Activity/Event)	Hands-on surgical training given on Goat's Eyeball and discarded human eye ball.
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Department of Ophthalmology

Program Report

Title of Program	Wet Lab Training
Objective of Program	Training of PG students in cataract surgery (SICS), Trabeculectomy, Suture & Pterygium graft.
Date of Program	2018
Venue	Dr. Vasant Rao Pawar Medical College
Organised By	Department of Ophthalmology, Dr. Vasant Rao Pawar Medical College, Nashik
Program in- Charge	Dr Dhiraj Balwir
Program Approved by Principal/HOD	Yes
Supporting Staff Member	Dr. Shweta Kokas Dr. Kalpana Gadsing Dr. Sonal Wani



Brief about the Program (Activity/Event)	Hands-on surgical training given on Goat's Eyeball and discarded human eye ball.
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Program Report

Title of Program	Wet Lab Training
Objective of Program	Training of PG students in cataract surgery (SICS), Trabeculectomy, Suture & Pterygium graft.
Date of Program	2019
Venue	Dr. Vasant Rao Pawar Medical College
Organised By	Department of Ophthalmology, Dr. Vasant Rao Pawar Medical College, Nashik
Program in- Charge	Dr. Dhiraj Balwir
Program Approved by Principal/HOD	Yes
Supporting Staff Member	Dr. Shweta Kokas Dr. Kalpana Gadsing Dr. Sonal Wani Dr. Swapnil Vidhate Dr. Kishor Patil



Brief about the Program (Activity/Event)	Hands-on surgical training given on Goat's Eyeball and discarded human eye ball.
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**Wet lab Training Program
Student List and Attendance**

No.	Year	Name of PG 1/2/3 year	Name of faculty
1	2015-16	Dr Gaurav Jain Dr Saudamini Jadhav Dr kalamudin Shaikh Dr Neha Pawaskar	Dr.Amit Deshmukh Dr.Sonal Wani Dr.Shweta Kokas Dr.Kalpana Gadsing
2	2016-17	Dr Miloni Shah Dr Pranjali Pawar Dr Mrunall Borrse Dr.Darshana Bhoir	Dr.Amit Deshmukh Dr.Sonal Wani Dr.Shweta Kokas Dr.Kalpana Gadsing Dr.Khushboo Shah Dr.Deepti Karad
3	2017-18	Dr Yash Pathak Dr Yogita Punjabi Dr Snehal Rajgire	Dr.Shweta Kokas Dr.Kalpana Gadsing Dr.Sonal Wani Dr.Sanjay Mahadik
4.	2018-19	Dr Ashwin Parati Dr Rajas Daware Dr Manali Gajmal Dr Chetan Gaikwad	Dr.Shweta Kokas Dr.Kalpana Gadsing Dr.Sonal Wani
5.	2019-20	Dr.Priyanka Patil Dr.Rishikesh Arali Dr.Karan Chauhan Dr.Neha Chaudhary	Dr.Shweta Kokas Dr.Kalpana Gadsing Dr.Sonal Wani Dr.Swapnil Vidhate Dr.Kishor Patil

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Department of Ophthalmology

PROCEDURAL SKILL MODULE-LEARNING CATARACT SURGERY(SICS)

Sr.No	CHECKLIST	Yes/No
1	Peribulbar Block	
2	Proper Painting and Draping under all aseptic precautions.	
3	Superior rectus bridle suture.	
4	Conjunctival flap	
5	Sclerocorneal tunnel	
6	Side port	
7	Continuous curvilinear capsulorrhexis	
8	Hydrodissection	
9	Nucleus brought into anterior chamber	
10	Nucleus Delivery	
11	Irrigation and aspiration	
12	PCIOL implantation	
13	Irrigation and aspiration of viscoelastic	
14	Stromal Hydration	
15	Sub-Conjunctival Genta-Dexa	
16	Pad and Bandage	

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Ref.no. Oph/36/2015-16

Date:01/07/2015

CIRCULAR

This is to inform Ophthalmology Junior Residents that a Training programme for Skill Module (Wet Lab) has been organised in Department of Ophthalmology. This training is compulsory for all residents.

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Ref.no. Oph/A03/2016-17

Date:04/07/2016

CIRCULAR

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Ref.no. Oph/A02/2017-18

Date:02/07/2017

CIRCULAR

This is to inform Ophthalmology Junior Residents that a Training programme for Skill Module (Wet Lab) has been organised in Department of Ophthalmology. This training is compulsory for all residents.

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Ref.no. Oph/A232/2018-19

Date:02/07/2018

CIRCULAR

This is to inform Ophthalmology Junior Residents that a Training programme for Skill Module (Wet Lab) has been organised in Department of Ophthalmology. This training is compulsory for all residents.

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Ref.no.Oph/A18/2019-20

Date: 4/07/2019

CIRCULAR

This is to inform Ophthalmology Junior Residents that a Training programme for Skill Module (Wet Lab) has been organised in Department of Ophthalmology. This training is compulsory for all residents.

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2.5.3

(PROCESSES

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SELF ASSESSMENT



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Department of Ophthalmology

Self assessment:

Self-assessment is practised in clinical batch postings. One student is asked to
Demonstrate the correct technique of the following tests:

1. Visual Acuity Assessment
2. Direct Ophthalmoscopy
3. Retinoscopy

The Peer students will comment on the discrepancies in the technique of the
performing student. Finally the teacher summates the correct method of the
technique Thus self-assessment enhances self-directed student learning

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Checklist for Visual Acuity Testing

Sr.No	Checklist	Yes/No
1	Greet the patient	
2	Counsel the patient regarding the test	
3	Patient should sit at 6 mtr distance from the Snellen's Chart.	
4	Ask the patient to closed one eye with his palm	
5	Ask the patient to read the letters of the chart.	
6	Write down the final visual acuity.	

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Checklist for Direct Ophthalmoscopy

Sr.No	Checklist	Yes/No
1	Greet the patient	
2	Counsel the patient regarding the test	
3	Room should be dark	
4	Proper holding technique of Ophthalmoscope	
5	Write and draw the fundus findings.	



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Checklist for Retinoscopy

Sr.No	Checklist	Yes/No
1	Greet the patient	
2	Counsel the patient regarding the test	
3	Room should be dark	
4	Proper holding technique of Retinoscope.	
5	Put the trial frame and cover one eye of the patient with the occlude.	
6	Do subjective retinoscopy and draw on the paper.	

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2.5.3

(PROCESSES
INTEGRATING IT)
WORK PLACE
BASED
ASSESSMENT



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WORKPLACE BASED ASSESSMENT

The postgraduate resident students are assessed in the following procedures-

- 1. Indirect Ophthalmoscopy**
- 2. Perimetry**
- 3. Ocular coherence tomography (OCT)**
- 4. Performing small incision cataract surgery**

- 1. The student is initially guided and explained by the Teacher in detail about the procedure.**
- 2. The student observes the teacher performing the procedure.**
- 3. The student performs the procedure under the teacher's guidance.**
- 4. The student independently performs the procedure while the teacher observes.**
- 5. The teacher finally gives feedback regarding the student's performance.**

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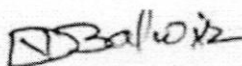


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INDIRECT OPHTHALMOSCOPY

Sr.No	CHECKLIST FOR	Yes/No
1	Student greets the patient	
2	Explains the test to the patient and counsels him/her.	
3	Dark room	
4	Proper placement of the instrument on head	
5	Proper patient position	
6	Drawing of fundus findings	


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PERIMETRY

Sr.No	CHECKLIST	Yes/No
1	Student greets the patient	
2	Explains the procedure and counsels the patient.	
3	Proper position of patient.	
4	Clicking button given to patient.	
5	Proper perimetry programme selected.	
6	Trial frame placed on patient's eye and proper refraction done.	
7	Final printout taken and inference given.	

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OCULAR COHERENCE TOMOGRAPHY

Sr.No	CHECKLIST	Yes/No
1	Greet the patient	
2	Explain the procedure to the patient	
3	Proper patient position	
4	Add Patient Details in the computer	
5	Fundus Photograph clicked, saved and analysed.	

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Department of Ophthalmology

Operation Theatre-Learning Cataract Surgery (SICS)

Sr.No	CHECKLIST	Yes/No
1	Peribulbar Block	
2	Proper Painting and Draping under all aseptic precautions.	
3	Superior rectus bridle suture.	
4	Conjunctival flap	
5	Sclerocorneal tunnel	
6	Side port	
7	Continuous curvilinear capsulorrhexis	
8	Hydrodissection	
9	Nucleus brought into anterior chamber	
10	Nucleus Delivery	
11	Irrigation and aspiration	
12	PCIOL implantation	
13	Irrigation and aspiration of viscoelastic	
14	Stromal Hydration	
15	Sub-Conjunctival Genta-Dexa	
16	Pad and Bandage	

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