

Curriculum Development

For

Ophthalmic Paramedical Personnel



ARAVIND EYE CARE SYSTEM

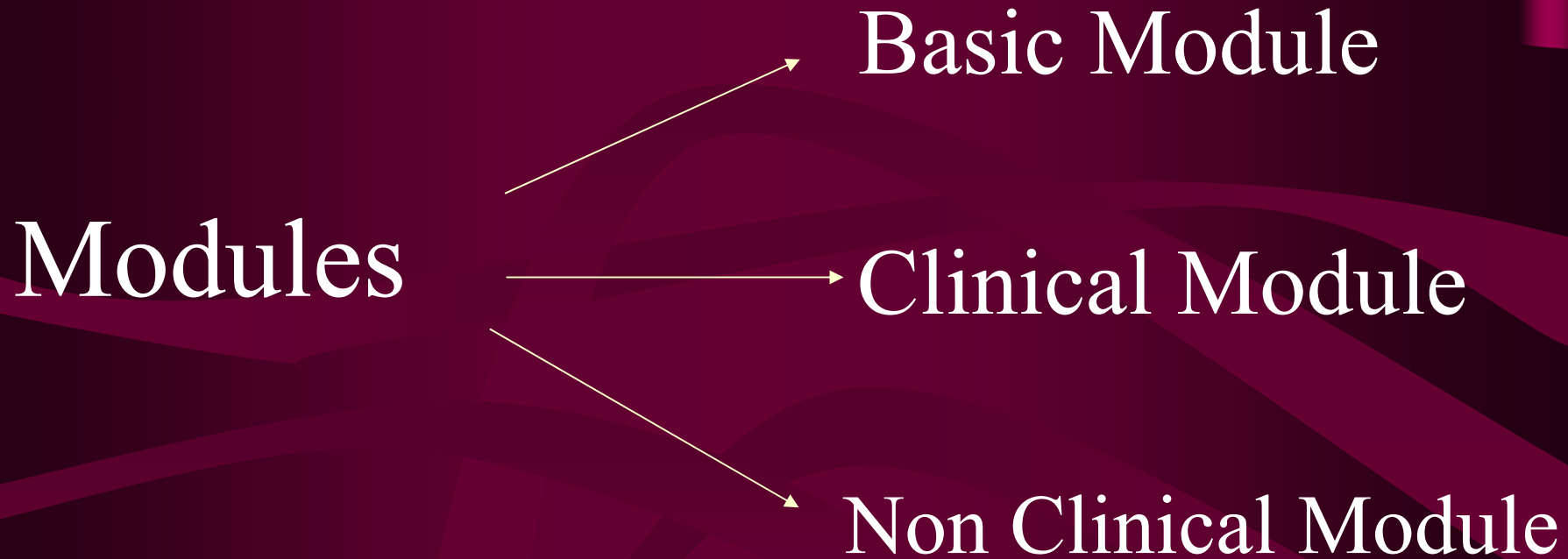
# Curriculum Development – Design

## Objective :

- To train the Ophthalmic Paramedical Personnel to develop various competencies which will enable them to work in clinical areas such as OP, Ward, OT, Refraction, Counselling and support services like Aurolab, Reception, Housekeeping, and Catering.
- To have a standardardize curriculum that could be accepted and followed by all Satellite hospitals



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## Clinical Module

- Out Patient
- Refraction
- Ward
- Operation Theatre
- Counseling



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## Non Clinical Module

- Aurolab
- Optical Sales
- Reception
- House Keeping
- Catering



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## Clinical Module

- Out Patient

<b>UNIT I</b>	<b>Fundamentals of Out Patient Department</b>
<b>Unit II</b>	<b>Ocular Diseases</b>
<b>UNIT III</b>	<b>Fundamentals of Refraction</b>
<b>UNIT IV</b>	<b>Out Patient Procedures</b>
<b>UNIT V</b>	<b>Special Procedures</b>
<b>Unit VI</b>	<b>Fundamentals of Nursing Care</b>
<b>UNIT VII</b>	<b>Ocular Emergencies</b>
<b>Unit VIII</b>	<b>Out Patient Department Administration</b>



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## **Eg: UNIT IV - Out Patient Procedures**

- Instillation of Eye Drops
- Assisting in Slit Lamp Examination
- Gonioscopy
- Fluroscein staining
- Applanation Tonometry
- Foreign body removal
- Assisting in Direct and Indirect ophthalmoscope
- Assisting in Suture Removal
- Eversion of Eye Lids
- Assisting in Fundus Examination
- Schirmer Test
- Conjunctival Smear Culture
- Irrigation of the eye



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# Curriculum Development – Design

## Topic - Instillation of Eye Drops

- Goal
- Objective
- Content
  - Theory (Knowledge) – Use Teach aid
  - Practical (Skill) – Demonstrate, make them do
  - Attitude
- Assessment

Student Exercise

Teachers Exercise



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# Curriculum Development – Design

## Topic - Instillation of Eye Drops

- Goal

The student will understand the function of eye drops and be able to administer them properly



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## Topic - Instillation of Eye Drops

### - Objective

The MLOP will

1. Explain what are Eye Drops
2. Identify the most common groups & forms of eye drops and explain the uses of each.
3. List the action and sign of adverse (immediate & late) effects of eye drops / ointment to be used.
4. List the most common abbreviation and the meaning of each.
5. Collect the necessary equipment to carryout the procedure
6. Explain about the procedure and outcome to the patient
7. Follow the “5 Rights” and safety measures in administering eye drops
8. Perform all steps correctly in administering eye drops(pouch technique)



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## Topic - Instillation of Eye Drops

-Content - Theory (Knowledge)

1. What are Eye drops ?

2. Forms of Ocular topical Medicines:

Ocular medications are formulated in three forms as solutions, suspension, and ointments.

i. Solutions:

ii. Suspensions :

iii. Ointment :

iv. Classification, Uses, Action and Adverse effects:

v. Types of Doctors Order:

vi. Safety in Administrating Eye Drops :



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# Curriculum Development – Design

## Topic - Instillation of Eye Drops

-Content - Practical (Skill)

**Steps and techniques in administering eye drops / ointment**

**(Pictures showing pouch technique of drug administration will be inserted)**



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## Topic - Instillation of Eye Drops

### - Attitude

1. Always check the doctors order before administering any eye drop
2. Follow the five rights in administering eye drops.
3. The tip of the bottle should not touch the eye or elsewhere.
4. Always remember to check the expiry date of the Eye Drop.



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## Topic - Instillation of Eye Drops

### Assessment - Students Exercise / Self Assessment

1. List down the 5 rights in administering eye drops.
2. What are the common antibiotic eye drops used in our hospital?
3. Expand the following abbreviations :
  - 1) OD 2) BD 3) HS 4) PRN 5) Stat



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## Topic - Instillation of Eye Drops

### Assessment - Teachers Exercise

- Collect the literature of various drugs and try to teach
  - students out of it.
- Have a copy of the transparencies to be put in overhead
  - Demonstrate by instilling drops for a patient / water into the eye of any candidate and ask the student to do it.
  - Any specific steps to coach a dull student



# Curriculum Development – Design

- Curriculum contents – Ward, OT, Refraction
- Duration of the course
- Teaching schedule – Month / Week wise
- Teaching methodology -
- Teaching aids – Prepare with action plan
- Reading material - List
- Assessment /certification – When & How





**Thank You**