



DR. D.Y. PATIL INSTITUTE OF OPTOMETRY AND VISUAL SCIENCES

DR. D.Y. PATIL VIDYAPEETH, PUNE

(DEEMED TO BE UNIVERSITY)

Accredited by NAAC with CGPA of 3.64 on a 4 point scale at 'A++' Grade

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Extra ocular muscles and its movement Lesson Title: Extra ocular muscle Learning Outcomes: Student should be able to identify ocular muscles movement Specific Learning Objectives: <ol style="list-style-type: none"> 1. Explain extra ocular movement 2. Enumerate their movement 3. Explain Anatomy of E.O.M. 			
Instructional Method: power point presentation			
Duration: 60 minutes			
Time: 5 minutes	Activity Description Introduction of the topic	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questioning
45 minutes	Anatomy of extra ocular muscles and their direction of movements		
10 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Principles of Optics & Refraction—Duke Elder Optics & Refraction-- LPAggarwal			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
<p>Topic: Types of E.O.M and Laws of movement Lesson Title: Extra Ocular Movement Learning Outcomes: Student should be able to diagnose muscles movement and their governing laws Specific Learning Objectives:</p> <ol style="list-style-type: none"> 1. Enumerate the types of E.O.M. 2. Explain the movement of every E.O.M. 3. Explain the laws of movement 			
Instructional Method: power point presentation			
Duration: 60 minutes			
Time: Day 1 10 minues	Activity Description Revision of the previous topic	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questioning
5 minutes	Introduction of the new topic		
35 minutes	Explaining the types of muscles and their respective movement. And their governing laws of movement		
10 minutes	Interactive doubt solving session		
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LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Class test Lesson Title: Extra Ocular Movement Learning Outcomes: Assessing the learning of previous classes Specific Learning Objectives: <ol style="list-style-type: none">1. Enumerate the understanding of the previous lectures2. Explaining the doubt of topics			
Instructional Method: power point presentation			
Duration: 60 minutes			
Time:	Activity Description	Resources/A.V. Aids	Assessment Method
5 minutes	Introduction of the topic	Oral	Oral questioning
45 minutes	Evaluating the learning outcomes of previous lectures by giving questions of topics.		
15 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Principles of Optics & Refraction—Duke Elder Optics & Refraction-- LPAgarwal			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Binocular Single Vision Lesson Title: Binocular Single Vision Learning Outcomes: Student should be able to diagnose and correct Binocular Single Vision Specific Learning Objectives: <ol style="list-style-type: none"> 1. Explaining what is Binocular Single Vision 2. Explain importance of Binocular Single Vision 			
Instructional Method: power point presentation			
Duration: 75 minutes			
Time: 5 minutes	Activity Description Introduction of the topic	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral Questioning
45 minutes	Detailed explanation of Importance and need of Binocular Single Vision		
10 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Principles of Optics & Refraction—Duke Elder Optics & Refraction-- LPAggarwal			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
<p>Topic: Mechanism of B.S.V. Lesson Title: Binocular Single Vision Learning Outcomes: At the end of the lecture students should be able to know the mechanism in which B.S.V. work Objectives:</p> <ol style="list-style-type: none"> 1. Explain the mechanism of B.S.V 2. Explain How all mechanism work with one other 3. Describe how to check the mechanism 			
Instructional Method: power point presentation			
Duration: 60 minutes			
Time:	Activity Description	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questions
10 minues	Revision of the previous topic		
5 minutes	Introduction of the topic		
35 minutes	Detailed explanation on Mechanism & Components of Binocular Single Vision		
10 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Clinical orthoptics – Fiona J. Rowe Clinical ophthalmology – Kanski's			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Strabismus Lesson Title: Introduction to orthoptics Learning Outcomes: students should be able to identify type of strabismus Objectives: <ol style="list-style-type: none"> 1. Explain what is strabismus 2. Explain the classification of strabismus 3. Difference between types of strabismus 			
Instructional Method: power point presentation			
Duration: 60			
Time: Day 1	Activity Description	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method
5 minutes	Introduction of the topic		Oral Questioning
45 minutes	Detailed explanation of strabismus and its classification.		
10 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Clinical orthoptics – Fiona J. Rowe Clinical ophthalmology – Kanski's			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Exodeviations and Endo deviation Lesson Title: Introduction to orthoptics Learning Outcomes: students should be able to identify Exodeviations and Endo deviation Objectives: <ol style="list-style-type: none"> 1. Explain the difference between Exodeviations and Endodeviation 2. Explain the classifications of Exodeviations and Endo deviation 3. Explain the treatment approach for Exodeviations and Endo deviation 			
Instructional Method: power point presentation			
Duration: 60 minutes			
Time:	Activity Description	Resources/A.V. Aids	Assessment Method
5 minutes	Introduction of the topic	PPT/ projector & laptop	Oral Questioning
45 minutes	Explaining the Exodeviations and Endo deviation and their classification, and their treatment options.		
10 minutes	Q & A Session, interactive doubt solving session		
List of Learning Resources Clinical orthoptics – Fiona J. Rowe Clinical ophthalmology – Kanski's			

LESSON PLAN

Name of College: D.Y.Patil Institute of optometry and visual sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Orthoptic Examination test. Lesson Title: Introduction to orthoptics Learning Outcomes: students should be able to perform various orthoptic tests Objectives: <ol style="list-style-type: none"> 1. Explain about the types of Orthoptic tests 2. Explain the procedure of Orthoptic tests 			
Instructional Method: power point presentation			
Duration: 120 minutes			
Time: Day 1	Activity Description	Resources/A.V. Aids	Assessment Method Class test
5 minutes	Introduction of the topic	PPT/ projector & laptop	
45 minutes	Principle & types of Orthoptic tests		
10 minutes	Q & A Session, interactive doubt solving session		
Day 2 5 minutes	Revision of previous topic	Demonstration session	
45 minutes	Types of Orthoptic tests and procedures		
10 minutes	Q & A Session, interactive doubt solving session		
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
<p>Topic: Suppression and Amblyopia Lesson Title: Anomalies of B.S.V. Learning Outcomes: At the end of the lecture should be able to identify the patients with suppression and amblyopia Specific Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the suppression 2. Causes of Suppression 3. Explain amblyopia 4. Etiological classification amblyopia 5. Treatment of amblyopia and suppression 			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 5min	Activity Description Introduction of topic	Resources/A.V. Aids	Assessment Method
50 min	Explaining the causes, type and treatment of amblyopia and suppression.	PPT/ projector & laptop	Assignments And oral questioning
5min	Q & A Session, interactive doubt solving session		
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
<p>Topic: Confusion and Diplopia Lesson Title: Anomalies of B.S.V Learning Outcomes: At the end of the lecture should be able to identify the patients with Confusion and Diplopia Specific Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain the diplopia 2. Causes of diplopia 3. Explain confusion 4. Difference between crossed diplopia and uncrossed diplopia 5. Treatment of confusion and diplopia 			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 10 min 45 min 5 min	Activity Description Introduction to topic. Explaining the causes, type and treatment of confusion and diplopia	Resources/A.V. Aids PPT, white board	Assessment Method Oral questioning and assignments.
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Correction of ametropia Lesson Title: Refractive status of eyes Learning Outcomes: Student should be able to diagnose and correct different types of ametropia Specific Learning Objectives: <ol style="list-style-type: none">1. Explain the ametropia2. Causes of ametropia3. Types of ametropia4. Treatment of ametropia			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 10 min 45 min 5 min	Activity Description Introduction to topic. Explaining the sign and symptoms, type and treatment of different ametropia.	Resources/A.V. Aids PPT, white board	Assessment Method Oral questioning and assignments.
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
<p>Topic: Test for B.S.V. Lesson Title: Binocular Single Vision Learning Outcomes: Student should be able to diagnose the B.S.V. anomalies Specific Learning Objectives:</p> <ol style="list-style-type: none"> 1. Explain types of tests. 2. Explain procedure of tests. 3. Explain principle of tests 			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 10 min	Activity Description Introduction to topic.	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questioning and assignments.
45 min	Explaining the types and procedure of B.S.V. test and their importance.	Demonstration	
10 minutes	Q & A Session, interactive doubt solving session		
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Test for Stereopsis Lesson Title: Binocular Single Vision Learning Outcomes: Student should be able to diagnose the normal and abnormal stereopsis Specific Learning Objectives: <ol style="list-style-type: none"> 1. Explain types of tests. 2. Explain procedure of tests. 3. Explain principle of tests 			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 10 min	Activity Description Introduction to topic.	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questioning and assignments.
45 min	Explaining the types and procedure of stereopsis test and their importance.	Demonstration	
10 minutes	Q & A Session, interactive doubt solving session		
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Name of College: Dr. D.Y. Patil Institute of Optometry & Visual Sciences			
Name of Department: Optometry			
Course: Optometric optics		Academic Year: 2022-23	Batch: IInd year
Topic: Orthoptic examination Lesson Title: Introduction to orthoptics Learning Outcomes: Student should be able to diagnose the normal and abnormal orthoptics parameter Specific Learning Objectives: <ol style="list-style-type: none"> 1. Explain types of tests. 2. Explain procedure of tests. 3. Explain principle of tests. 4. Explain the normal and abnormal outcomes of test 			
Instructional Method: Lecture			
Duration: 60 minutes			
Time: 10 min	Activity Description Introduction to topic.	Resources/A.V. Aids PPT/ projector & laptop	Assessment Method Oral questioning and assignments.
45 min	Explaining the types and procedure of orthoptic examination test and their importance.	Demonstration	
10 minutes	Q & A Session, interactive doubt solving session		
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