The Assessment and Management of Binocular Vision

Module Code: OPT5008-B
Academic Year: 2018-19
Credit Rating: 20
School: School of Optometry and Vision Science
Subject Area: Optometry
FHEQ Level: FHEQ Level 5

Pre-requisites:
Co-requisites:

Contact Hours

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lectures</td>
<td>48</td>
</tr>
<tr>
<td>Laboratory</td>
<td>12</td>
</tr>
<tr>
<td>Directed Study</td>
<td>138</td>
</tr>
<tr>
<td>Examinations DO NOT USE</td>
<td>2</td>
</tr>
</tbody>
</table>

Availability Periods

<table>
<thead>
<tr>
<th>Occurrence</th>
<th>Location/Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDA</td>
<td>University of Bradford / Academic Year (Sept - May)</td>
</tr>
</tbody>
</table>

Module Aims

To develop an understanding of the normal and abnormal development of binocular vision and to enable students to apply this understanding in the clinical evaluation and management of patients with binocular vision dysfunction.

Outline Syllabus


The clinical portfolio is a completed portfolio of evidence of clinical experience and skills, to include competence in practical techniques and interpretation of results. Although this element does not contribute to the final mark for this module, this element must be passed.

**Module Learning Outcomes**

*On successful completion of this module, students will be able to...*

1. Describe the basic principles of normal development of binocular vision.
2. Explain anomalies of visual development.
3. Describe the incidence and demographics of binocular vision anomalies.
4. Identify and classify anomalies of binocular vision.
5. Analyse clinical information from binocular vision tests and formulate appropriate tentative diagnoses.
6. Analyse clinical information from binocular vision tests and formulate appropriate management options for patient care.
7. Refine problem-solving skills.
8. Examine web-sites, CD-ROMs and video-tapes through directed study.
9. Review new information, concepts and evidence from a range of sources.

**Learning, Teaching and Assessment Strategy**

The module is based on a lecture series and supported by video-taped and CD-ROM material.

1. The fundamental principles relating to the assessment and management of binocular vision anomalies are covered in formal lectures.
2. Practical classes are used to develop basic skills and assess competence in fundamental clinical examination techniques. In order to provide exposure to the appearance of a variety of binocular vision anomalies the interpretation of video recordings of patient examinations is used.

**Mode of Assessment**

<table>
<thead>
<tr>
<th>Type</th>
<th>Method</th>
<th>Description</th>
<th>Length</th>
<th>Weighting</th>
<th>Final Assess'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summative</td>
<td>Other form of</td>
<td>Clinical portfolio of evidence of</td>
<td>0 hours</td>
<td>%</td>
<td>No</td>
</tr>
</tbody>
</table>
Assessment

DO NOT USE

Clinical experience and skills PASS/FAIL

Summative

Computerised examination

Closed book computerised examination via QMP (including MCQ) at the end of the module

2 hours

100%

Yes

Legacy Code (if applicable)

OP-0408L

Reading List

To view Reading List, please go to rebus:list.