

Level 6 Certificate in Contact Lens Practice 2019 Syllabus



abdo

Winter 2024
Duration: 2 hours

Unit 3 Contact Lens Practice

Principal Examiner:

Robin Rohu MEd PGDipE PgCert FBDO CL Prof Cert LV SFHEA

Candidate Number:

Date:

Seating Location:

Answer **four** questions only.

Please tick below the numbers of the questions attempted:

1	<input type="checkbox"/>	2	<input type="checkbox"/>	3	<input type="checkbox"/>	4	<input type="checkbox"/>	5	<input type="checkbox"/>
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Number of Supplementary Sheets used (if any), including graph paper.

For office use only

Question number	1	2	3	4	5	Total	
						Overall	%
Marks							
Moderated							
Borderline (37%-43%)	Please tick the box to acknowledge that this is a borderline result and confirm that the marks have been checked in terms of adding up and allocation.						<input type="checkbox"/>

Examiner's Signature	
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Moderator's Signature	
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This booklet is the property of the ABDO and **must not be removed** by the candidate from the examination room.

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Question 1

- Describe** your aftercare procedure, step by step, for a patient who wears RGP lenses and is new to your practice. **(80 marks)**
- Write **FIVE** discussion points about the use of chloramphenicol in practice, including its use by Contact Lens Opticians **(20 marks)**

- a) **Describe** your aftercare procedure, step by step, for a patient who wears RGP lenses and is new to your practice. **(80 marks)**

- b) Write **FIVE** discussion points about the use of chloramphenicol in practice, including its use by Contact Lens Opticians. **(20 marks)**

Question 2

- State five** prescribed medications whose side effects may cause dry eye. (10 marks)
- In addition to prescribed medications, **list five** other potential causes of dry eye that may be encountered in contact lens wearers. (10 marks)
- Fully explain three** clinical assessments that might help you identify dry eye in a patient. (30 marks)
- Briefly describe three** pieces of advice that you could give to a patient with dry eye to improve the symptoms of the condition. (30 marks)
- Describe** the causes, signs, symptoms, and management of Recurrent Corneal Epithelial Erosions (RCEE). (20 marks)

- a) **State five** prescribed medications whose side effects may cause dry eye. **(10 marks)**

- b) In addition to prescribed medications, **list five** other potential causes of dry eye that may be encountered in contact lens wearers.

(10 marks)

- c) **Fully explain three** clinical assessments that might help you identify dry eye in a patient.

(30 marks)

- d) **Briefly describe three** pieces of advice that you could give to a patient with dry eye to improve the symptoms of the condition. **(30 marks)**

- e) **Describe** the causes, signs, symptoms, and management of Recurrent Corneal Epithelial Erosions (RCEE).

(20 marks)

Question 3

- | | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| a) | Define residual astigmatism | (10 marks) |
| b) | Distinguish between “with the rule” and “against the rule” corneal astigmatism. | (8 marks) |
| c) | Briefly describe how a practitioner may use the readings obtained from a keratometer to classify and quantify corneal astigmatism | (12 marks) |
| d) | Describe four further uses of the keratometer in Contact Lens practice | (60 marks) |
| e) | Explain how you would distinguish between microcysts and vacuoles. | (10 marks) |

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- b) **Distinguish between** “with the rule” and “against the rule” corneal astigmatism. **(8 marks)**

- c) **Briefly describe** how a practitioner may use the readings obtained from a keratometer to classify and quantify corneal astigmatism

(12 marks)

d) **Describe four** further uses of the keratometer in Contact Lens practice

(60 marks)

- e) **Explain** how you would distinguish between microcysts and vacuoles.

(10 marks)

Question 4

- | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| a) | State three ocular conditions associated with high levels of myopia | (15 marks) |
| b) | State the name of one hard and one soft contact lens indicated for myopia management in the UK | (10 marks) |
| c) | For one of the methods stated in b), explain the principles of how the contact lens optics is thought to slow the rate of myopia progression. | (15 marks) |
| d) | State two influencing factors a contact lens practitioner should consider when evaluating a child's suitability for treatment with myopia control contact lenses. | (10 marks) |
| e) | Describe the causes, signs, symptoms, and management of Meibomian Gland Dysfunction (MGD). | (26 marks) |
| f) | Discuss four aspects of infection control in modern contact lens practice. | (24 marks) |

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- b) **State** the name of **one hard and one soft** contact lens indicated for myopia management in the UK

(10 marks)

- c) For **one** of the methods stated in b), **explain** the principles of how the contact lens optics is thought to slow the rate of myopia progression.

(15 marks)

- d) **State two** influencing factors a contact lens practitioner should consider when evaluating a child's suitability for treatment with myopia control contact lenses.

(10 marks)

- e) **Describe** the causes, signs, symptoms, and management of Meibomian Gland Dysfunction (MGD).

(26 marks)

Question 5

- | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| a) | Describe in detail three possible methods of correcting a presbyopic patient using currently available soft, single vision contact lenses | (45 marks) |
| b) | State one disadvantage for each method described in 3a). | (15 marks) |
| c) | State the full details of one currently available soft multifocal lens, including the full material name, surface design, power range and replacement frequency. | (10 marks) |
| d) | State Five facts about fitting zero powered contact lenses | (20 marks) |
| e) | State two signs that would help you to distinguish between bacterial and viral conjunctivitis. | (10 marks) |

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d) **State Five** facts about fitting zero powered contact lenses **(20 marks)**

e) **State two** signs that would help you to distinguish between bacterial and viral conjunctivitis. **(10 marks)**

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Important Instructions to Candidates

Please read carefully and follow these instructions when told to do so by the Examiner/Invigilator.

1. You will be given 5 minutes at the beginning of the examination to read through the questions.
2. **Please enter your candidate number and date in the boxes on the front cover of this booklet.**
3. Please **DO NOT write your name** on the booklet. Candidates must remain anonymous for marking purposes.
4. Candidates must answer questions legibly, using blue/black ink or ball-point pen. *Pencil may be used for graphs and diagrams only.*
5. Candidates please note, the examination paper has been designed for you to answer the stated number of questions within the allotted time.
6. Candidates must read each question carefully and make sure that you know what you have to do before starting your answer.
7. Candidates must write the answer to each question in the space provided. Additional paper may be used if necessary but you must show your Candidate Number and question number(s) clearly at the top of each page.
8. Please do not write in the margins.
9. Any extra pages used should be securely fastened together using a treasury tag. This includes any diagrams, additional graph paper or any continuation paper.
10. Candidates are advised to carefully cross out any work not intended to be marked by the Examiner.
11. Please do not tear out any part of this booklet. All work must be handed in.

Important Information for Candidates

1. Answer **four** questions only.
2. Answer all parts for each question.
3. Where relevant, the marks awarded for each part of a question are given in brackets, e.g. **(10 marks)**.
4.   These symbols indicate that a diagram/calculation is required or a diagram needs annotating.
5. This entire document consists of 24 pages. Any blank pages are indicated.

When told to do so by the Invigilator, you may turn the paper over and begin.