

# update

## OQ59 MCQs

- 1 Which of the following statements about Macugen is true?
  - a It is delivered by sub-conjunctival injection
  - b It inhibits the growth of new vessels
  - c It has side effects in some patients
  - d It is approved by NICE for use on NHS patients
  
- 2 Which of the following is NOT a VEGF inhibitor?
  - a Anecortave Acetate
  - b Bevacizumab
  - c Pegaptanib
  - d Ranibizumab
  
- 3 Which of the following statements about the Pascal tonometer is true?
  - a The result is not affected by differences in corneal thickness
  - b It uses a fixed force of 1.5 grams
  - c The contact time is slightly shorter than the Goldmann tonometer
  - d It is not necessary to instil a local anaesthetic
  
- 4 In the Ocular Hypertensive Treatment Study subjects who received topical glaucoma medication experienced conversion to glaucoma at:
  - a A higher rate than subjects who were not treated
  - b The same rate as subjects who were not treated
  - c Half the rate of subjects who were not treated
  - d Less than half the rate of subjects who were not treated
  
- 5 In the European Glaucoma Prevention Study subjects were treated with which of the following topical medications?
  - a Betaxolol
  - b Dorzolomide
  - c Latanoprost
  - d Timolol
  
- 6 Which of the following topical medications was the least likely to be discontinued in both of the "Persistence and Tolerability of Ocular Hypotensive Agents" studies?
  - a Betaxolol
  - b Dorzolomide
  - c Latanoprost
  - d Timolol

## within OQ59

### New drugs for AMD

Ophthalmologist Adnan Tufail of Moorfields updates Hugh Breakspear on this rapidly developing area.

### Preferred retinal locus in macular disease

Research insights into how patients adapt to loss of vision. Polly Dulley talks to Michael Crossland of Moorfields, and one his patients.

### The Pascal tonometer

The new gold standard? Michelle Hanratty tells Gordon Carson about a different type of tonometer.

### Quarterly review

The guest reviewer is Robert Harper, Principal Optometrist at the Royal Manchester Eye Hospital.

## Answers to MCQs for OQ58

- 1 Which of the following statements about the NHS Eyecare Services Programme is NOT true?
  - a The eyecare services pilot sites have not included cataract care
  - b Associate sites have been added because low vision services were least represented
  - c **The pilot schemes are primarily to determine how costs can be reduced**
  - d Feedback shows that patients are able to access services more easily
- 2 In relation to the Peterborough glaucoma scheme which of the following statements is true?
  - a Patients are diagnosed and have had 2 visual field assessments by the time they are seen in the Hospital Eye Department
  - b **Patients can be diagnosed, have had 2 visual field assessments and have been treated for 6 months by the time they are seen in the Hospital Eye Department**
  - c Visual field assessments have to be undertaken by the specialist optometrist
  - d Sheila Urquhart sees 1 – 2 glaucoma patient per week
- 3 In the Merton, Sutton and Wandsworth low vision scheme how many community sites are there?
  - a 1
  - b **3**
  - c 13
  - d 33
- 4 Which of the following seems to offer the most promising option for the treatment of CRVO with the fewest side effects?
  - a Haemodilution therapy
  - b Intravitreal steroid injection
  - c Intravitreal thrombolysis.
  - d **Vitrectomy with intravenous thrombolysis**
- 5 Which of the following is NOT a category of adult achievement assessed as part of the amblyopia study?
  - a **Criminal record**
  - b Educational outcomes
  - c Paid employment
  - d Participation in social activities
- 6 Which of the following statements about “dry eye” in LASIK patients is NOT true?
  - a The dry eye problem was at its peak after 1 post-operative week
  - b Dry eye was assessed in terms of the amount of fluorescein staining found
  - c **The study subjects had abnormal tear production**
  - d The degree of dry eye correlated with the degree of pre-operative myopia

## Answers to MCQs for OQ57

- 1 Which of the following statements about the development of myopia is true?
  - a Under correcting myopia in animal eyes accelerates eye growth.
  - b Myopes have been shown to have normal accommodative functions.
  - c Blurred vision causes form deprivation myopia in all children.
  - d **Myopic people with poor accommodative function also have high spherical aberration.**
- 2 In the 2001 Birmingham Children’s Hospital study what percentage of children had simple high myopia?
  - a 8%
  - b 19%
  - c 25%
  - d 56%
- 3 Which of the following statements about RGC apoptosis and POAG is NOT true?
  - a 30 – 40% of RGC’s have died by the time a visual field defect is detectable.
  - b The protein used to mark dying RGC’s can be delivered intravenously, by intraocular injection but not by topical eye drop.
  - c **The imaging process can differentiate natural from pathological apoptosis.**
  - d The level of IOP is related to the rate of RGC apoptosis.
- 4 Which of the following statements about treating children with amblyopia is true?
  - a Correcting refractive error alone improved vision in 50% of children aged 7 – 12 years.
  - b Correcting refractive error and patching improved vision in 50% of children aged 13 – 17 years.
  - c **Correcting refractive error and patching improved vision in 50% of children aged 7 – 12 years.**
  - d Correcting refractive error and patching improved vision more than correcting refractive error alone in children aged 13 – 17 years

## OQ59 References

### New drugs for AMD

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### Preferred retinal locus in macular disease

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### The Pascal tonometer

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### Quarterly review

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### The European glaucoma prevention study group

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Some articles are available online – see the OQ59 pages at [www.docet.info](http://www.docet.info)



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