



RANZCO Advanced Clinical Examinations (RACE)
Semester 1/2008 RACE Written Examinations
Paper 2 Part A: Total 8 questions

Question 1:

A 75 year old man presents with a fleshy, nodular thickening at the limbus with some overlying keratinisation

- a) Describe your initial management including key surgical principals

Histopathological report reveals a carcinoma in situ with incomplete excision

- b) Describe your further management options.

Question 2:

An Ophthalmic facility in which you have operating rights reports that there have been 5 cases of post-operative endophthalmitis in the last month. This facility has an unblemished record in the last two years with 3000 intra-ocular surgeries being safely performed.

Describe the management plan you think should be initiated?

Question 3:

A 60 year old otherwise healthy man presents with a painful red right eye with hazy vision. On examination, his right VA is 6/24. Fundal examination reveals peripheral circumferential discrete deep, yellow/white retinal lesions. The posterior pole region is relatively spared. Perivascular retinal haemorrhages and sheathing are present together with a prominent inflammatory reaction in the vitreous and anterior chamber

- a) What is the most likely diagnosis and how would you assess and investigate this patient?
- b) How would you manage this patient?

Question 4:

A 20 year old man presents 1 week after being assaulted and punched in the right orbital region. V A is 6/6 each eye. Plain X-rays show a blowout fracture of the right orbital floor

- a) What clinical features would you specifically look for in the history and examination?
- b) What further investigations are required?
- c) What are the indications for and timing of surgical intervention?
- d) How would your management differ if the patient presents 6 months after initial trauma?



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Question 5:

A 79 year old man with severe rheumatoid arthritis and recurrent Herpes Simplex Viral keratitis presents with a painful eye of sudden onset. This eye has acuity of CF, a flat anterior chamber and iris plugging of a peripheral corneal defect.

- a) What is your diagnosis?
- b) Describe your assessment and treatment of this problem in the short and long term.

Question 6:

- a) Describe the typical presentation of an infant with primary congenital glaucoma.
- b) Outline and discuss the steps in treatment of such an infant and the expected outcome.
- c) Discuss the commonly encountered problems in the ongoing management and follow-up of this child.

Question 7:

A 29 year old teacher with a normal eye examination and a stable refractive correction is contact lens intolerant and requests refractive surgery

Discuss your advice, including indications, suitability and expected outcomes in the following refractive groups:

- a) Myopia
- b) Hypermetropia
- c) Hypermetropic astigmatism

Question 8: Discuss the ophthalmic uses of Botulinum Toxin. Include in your answer:

- a) Specific details as to the nature of the toxin and its action.
- b) Outline current uses, identifying both diagnostic and therapeutic uses of Botox.
- c) Side effects of this treatments described.