

## Picture quiz



A 2-year-old male is brought by his parents. The history is that a white reflex was noted in the eye several months ago. The eye has now become red and painful (A). The patient is then lost to follow-up and comes back 6 months later with proptosis and frontal bossing (B).

### Tick ALL that are TRUE

#### Question 1 What is your diagnosis?

- a. Endophthalmitis  
 b. Coats disease  
 c. Congenital glaucoma  
 d. Retinoblastoma  
 e. Staphylooma

#### Question 2 How will you confirm the extent of disease?

- a. Clinical examination  
 b. Computed tomography or magnetic resonance imaging of the orbit  
 c. Cytology of bone marrow aspirate  
 d. Cytology of cerebrospinal fluid  
 e. All the above

#### Question 3 What is the treatment of choice for the left eye?

- a. Primary enucleation followed by 6 cycles of systemic chemotherapy  
 b. Primary exenteration followed by 6 cycles of systemic chemotherapy  
 c. Primary enucleation followed by orbital external beam radiotherapy  
 d. Primary exenteration followed by orbital external beam radiotherapy  
 e. Combination treatment of systemic chemotherapy, enucleation, and orbital external beam radiotherapy

### ANSWERS

1. (d) Retinoblastoma  
 2. (e) All the above. Clinical examination confirms the laterality of disease. Imaging of the orbit confirms the presence of extraocular extension, and confirms the presence or absence of optic nerve extension without associated intracranial extension. The two most common sites of metastases from retinoblastoma are cerebrospinal fluid and bone marrow. Cytology from these two sites is indicated in all cases of retinoblastoma with extraocular extension. 3. (e) Combination treatment of systemic chemotherapy, Primary enucleation, and orbital external beam radiotherapy. Primary enucleation or exenteration should not be done in cases with overt extraocular or optic nerve tumour extension, since this can worsen the prognosis due to tumour spill over. The ideal treatment modality is a multimodal approach of chemoreduction followed by surgery, radiotherapy, and adjuvant chemotherapy.

## 2018 ROP Africa Symposium

The International Pediatric Ophthalmology and Strabismus Council and The Department of Pediatric Ophthalmology at The Red Cross War Memorial Children's Hospital, Cape Town are proud to announce the 2018 ROP Africa Symposium.

**Date:** 3–4 September 2018

**Venue:** Surgical Skills Training Centre, Red Cross War Memorial Children's Hospital, Cape Town, South Africa

Mark your calendars for this international 2-day clinical conference and hands-on workshop for ophthalmologists and neonatologists caring for infants with retinopathy of prematurity. For more details, contact: Jenny Baker at [jbaker9@uic.edu](mailto:jbaker9@uic.edu)



## Courses

### MSc Public Health for Eye Care, London School of Hygiene & Tropical Medicine

Fully funded scholarships are available for Commonwealth country nationals. The course aims to provide eye health professionals with the public health knowledge and skills required to reduce blindness and visual disability.

For more information visit

[www.lshtm.ac.uk/study/masters/mscphec.html](http://www.lshtm.ac.uk/study/masters/mscphec.html) or email [romulo.fabunan@lshtm.ac.uk](mailto:romulo.fabunan@lshtm.ac.uk)

### Free online courses

**ICEH Open Education for eye care programme** offers a series of online courses in key topics in public health eye care. All the courses are free to access.

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Global Blindness, Eliminating Trachoma, Ophthalmic Epidemiology Basic Principles (1) and Application to Eye Disease (2).

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## World Retinoblastoma Awareness week

To increase awareness about Retinoblastoma every year seven days from the second Sunday in May is celebrated as 'World Retinoblastoma Awareness Week', this year it will be celebrated from **May 13th to May 19th 2018**

## Next issue



The next issue of the *Community Eye Health Journal* is on the theme **Finding, training and retaining ophthalmic personnel**