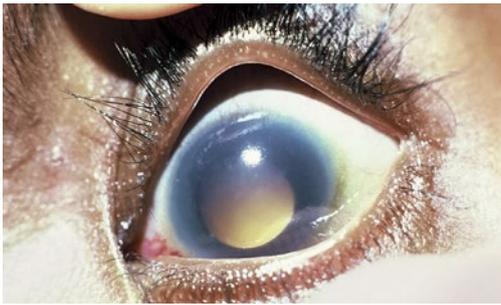


## Picture quiz



ICEH

A 2-year-old boy is brought by his mother because of a “white shadow” in his eye. The mother says that she first noticed it 4 weeks ago. There is no history of significant eye problems in either parent or in the two other siblings. The eyelids and orbits appear normal. The right eye is normal. The left eye has a white yellow reflex in the pupil. There is no obvious squint.

### Tick ALL that are TRUE

**Question 1** Which of the following should be considered in the diagnosis?

- a. Infantile cataract  
 b. Persistent primary hyperplastic vitreous  
 c. Retinopathy of prematurity  
 d. Coat's disease  
 e. Retinoblastoma

**Question 2** Which of the following examinations/investigations are essential in determining the diagnosis?

- a. Electro-retinography  
 b. Examination of both eyes under anaesthetic (EUA)  
 c. Ultrasonography  
 d. X-ray of the orbit  
 e. Fluorescein angiography

**Question 3** If the diagnosis is retinoblastoma, which of the following may be appropriate?

- a. Removal of the eye  
 b. Radiotherapy  
 c. Chemotherapy  
 d. Counselling the parents about future children  
 e. Conservative management and review in 3 months

### ANSWERS

1. All may be correct. The child has leucocoria (white pupil). This is a serious condition requiring urgent diagnosis and management. It may be due to any of the causes listed, as well as others. Coat's disease is a unilateral retinal exudative disease. 2. The correct answers are (b) and (c). An EUA (dilated examination of both eyes) will allow careful examination of the posterior segments, and at the same time an ultrasound can be performed which may show the origin of the lesion. 3. Answer (e) is FALSE, the rest are true. Retinoblastoma is a life threatening condition that requires urgent treatment and / Treatment may consist of surgery and / radiotherapy and / or chemotherapy. Retinoblastoma may be hereditary although there is no history in this case. The parents do need to be counselled by someone with appropriate expertise.

## World Sight Day

This year, the call to action we encourage you to use is “Make Vision Count”. In 2010, just over 28% of the world's population were affected by Myopia (short-sightedness). This is predicted to rise to 34% by 2020 and nearly 50% by 2050. In 2014, approximately 422 million people – or 8.5% of adults worldwide – were living with diabetes, compared to 108 million in 1980. Low- and middle-income countries account for approximately 75% of the global diabetes burden. Approximately one in three people living with diabetes have some degree of Diabetic Retinopathy (DR) and one in 10 will develop a vision-threatening form of the disease.

This World Sight Day, let's get the numbers out, so we know where we stand. Do write to [communications@iapb.org](mailto:communications@iapb.org) if you want to receive World Sight Day promotional material like posters, balloons and ribbons.

You can download print quality logos for World Sight Day, here: [www.iapb.org/wsd17/promotional-material](http://www.iapb.org/wsd17/promotional-material)

## Courses

**MSc Public Health for Eye Care, London School of Hygiene & Tropical Medicine** 10 fully funded scholarships available for Commonwealth Country Nationals. Course aims to provide eye health professionals with the public health knowledge and skills required to reduce blindness and visual disability in their setting. For more information visit: [www.lshtm.ac.uk/study/masters/mscpec.html](http://www.lshtm.ac.uk/study/masters/mscpec.html) or email [romulo.fabunan@lshtm.ac.uk](mailto:romulo.fabunan@lshtm.ac.uk)

**Online International Eye Bank Qualification course** – Now accepting applications for the September intake of the Graduate Certificate and shorter Specialist Certificate. Apply and enquire via: <http://commercial.unimelb.edu.au/custom-education/courses/eyebankingg>

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## BCPB British Council for Prevention of Blindness Grant Programme

British Council for Prevention of Blindness Closing date: 6 October 2017

The British Council for Prevention of Blindness supports research into the prevention of blindness in low and low-middle income countries throughout the world.

Grants are offered for research projects that further the goals of 'VISION 2020: The Right to Sight', in the following categories:

- Fellowships leading to the award of PhD or MD – up to £190,000 over 2 or 3 years
- Research grants – up to £60,000
- Research Mentorship Awards – up to £15,000
- Grants are only awarded to UK Universities and Hospitals.

BCPB is proud to be celebrating 40 years of blindness prevention



For more details, full terms & conditions and application forms please see [www.bcpb.org](http://www.bcpb.org) or contact Diana Bramson, Charity Manager, BCPB, 4 Bloomsbury Square, London WC1A 2RP. Telephone: 020 7404 7114 Email: [info@bcpb.org](mailto:info@bcpb.org)

BCPB is a registered charity – number 270941

## Next issue



The next issue of the *Community Eye Health Journal* will be on the theme: **School eye health**