



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 2

AGE AND GENDER Male Aged 5 years

ETHNIC BACKGROUND : Asian

OCCUPATION AND HOBBIES: Reception class at school

PRESENTING SYMPTOMS AND HISTORY Mother has noticed a "turn" in his right eye towards end of day and whilst child is "glueing and sticking" Family history: maternal grandfather "poor vision in one eye all his life"

GENERAL HEALTH AND MEDICATION no medication birth full-term, forceps delivery

PRESENT Rx, CENTRATION AND ACUITIES none

PD/NCD 52

VISION RE: 6/60 LE: 6/9 does not like having LE covered

PINHOLE VISION not done

REFRACTION RE: +8.00/+1.50 x 90 cycloplegic retinoscopy 1% cyclopentalate

LE: +5.00 DS

VA Distance RE: 6/18 LE: 6/6 Snellen chart

Near not done

ACCOMMODATION not done

BINOCULAR STATUS unaided before cycloplegia cover test

Dist 20 prism R esotropia

Near 30 prism R esotropia

With correction post-cycloplegic cover test

Dist ortho phoria

Near esophoria

MOTILITY full

CONVERGENCE not done

PUPIL REACTIONS pre-cycloplegia, pupils react to light and accommodation

FUNDUS EXAMINATION see attached

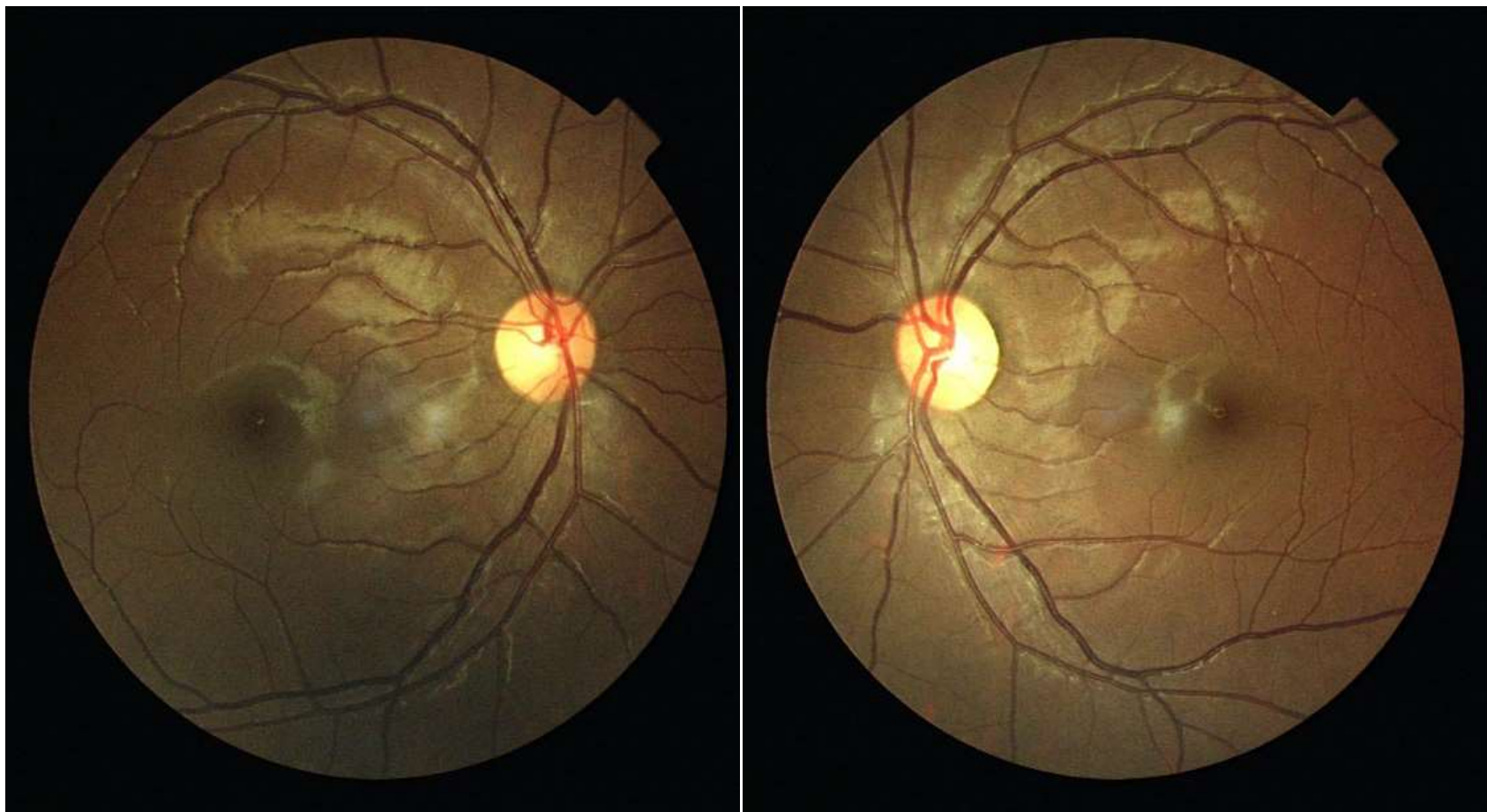
FIELDS not possible

IOP not possible

EXTERNAL EYE EXAMINATION see attached

COLOUR VISION see attached

Fundus Image



External Eyes



Colour Vision (Binocular)

City University Colour Vision Test (3rd Edition 1998)

Subject: Address:

Male/Female: Examiner: Date:

Spectacles worn?: Eye(s) tested (delete as needed): both RE LE

Viewing at 40cm approx. Illumination ('Daylight' type) level: Lux:

Part One, screening / selection: PD or Tritan

FORMULA: Here are some rows of 3 coloured spots, each page has four rows. Please do not touch the pages.

Starting with the left row at the top of the page, tell me if the colour of one of the 3 spots is different from the colour of the other two spots in the same row.

The three colours may be the same.

In the top right hand row at the top of the page, is there a different colour?

And the other rows, is there a different colour in one or both rows?

Symbols	Page number			
	1	2	3	4
Should be seen by all subjects				
R/G defect may miss				
Tritan defect may miss				

No. seen on each page:

TOTAL correctly seen:

RECORD: Complete Part One of the person's record sheet with a cross 'X' over each spot chosen as different in colour from the other two spots in the same row of three spots. (see example)

INTERPRETATION: 10 or 9 spots correctly seen suggests normal colour vision, at least 'adequate' for most every-day purposes. If less than 8 - refer to instructions.

City University Colour Vision Test (3rd Edition 1998)

Part Two, detection / selection: Protan, Deutan or Tritan

FORMULA: Here are 4 coloured spots around the one in the centre. Please do not touch the pages.

Tell me which spot looks most like the colour of the one in the centre.

Use the words 'TOP', 'BOTTOM', 'RIGHT' or 'LEFT'.

(Note: Indicate any variation from part ONE as to eye(s) tested, etc.)

INTERPRETATION

Page (D is for demonstration)	Subject's choice of match and eye(s): R, L, Both	Normal	Protan	Deutan	Tritan
5		R	B	L	T
6		L	R	T	B
7		R	L	B	T
8		L	T	R	B
9		R	L	B	T
10		R	L	B	T
SCORE:		<input type="text" value="16"/>	<input type="text" value="16"/>	<input type="text" value="16"/>	<input type="text" value="16"/>

RECORD: Complete Part Two of the person's record sheet with name, date, etc., R, L, Both eyes, as appropriate.

Mark correct spaces with person's response (B, R, L, T) clearly.

A 'score' out of 6 may be indicated if required. (see example given)

INTERPRETATION: A 'normal response' score of 6 suggests that colour vision is at least 'adequate' for most every-day purposes.

If more than ONE entry 'Protan', 'Deutan', or 'Tritan', refer to appendix 3.

PROFESSIONAL OPINION, as appropriate =

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