



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 102

R102

AGE AND GENDER 54 year old; female

ETHNIC BACKGROUND White English

OCCUPATION AND HOBBIES Chartered accountant; uses laptop computer "constantly" at work, at about 45 cms. Enjoys listening to music (classical/opera), doesn't play sport

PRESENTING SYMPTOMS AND HISTORY No visual problems. Worn glasses full time since age 12 years, sometimes takes them off to read small print. Would like new, more fashionable specs. Last sight test 2 years ago. Family History: no relevant ocular or systemic disease. Eyes feel gritty and dry and look slightly red most of the day, worse with prolonged computer use. Been a problem for the last 3 or 4 years and appears to be getting worse.

GENERAL HEALTH AND MEDICATION Health good: no medication.

PRESENT Rx, CENTRATION AND ACUITIES

	R	-3.50/-1.00 x 10		L	-3.25/ -0.75 x 180 Add +1.50
VA Dist	R	6/5		L	6/5
VA Near	R	N5		R	N5

PD/NCD PD 66 mm

VISION R 6/60 L 6/60

REFRACTION R -3.75 / -0.75 x 180 L -3.00/ -1.00 x 180
Add +1.75 Add +1.75

VA Distance R 6/5 L 6/5
Near N5 N5

ACCOMMODATION R 3 DS L 3 DS

BINOCULAR STATUS CT: appears orthophoric

MOTILITY Appears full.

CONVERGENCE Binoc to nose.

PUPIL REACTIONS PERRLA: no RAPD

FUNDUS EXAMINATION see attached

FIELDS See attached

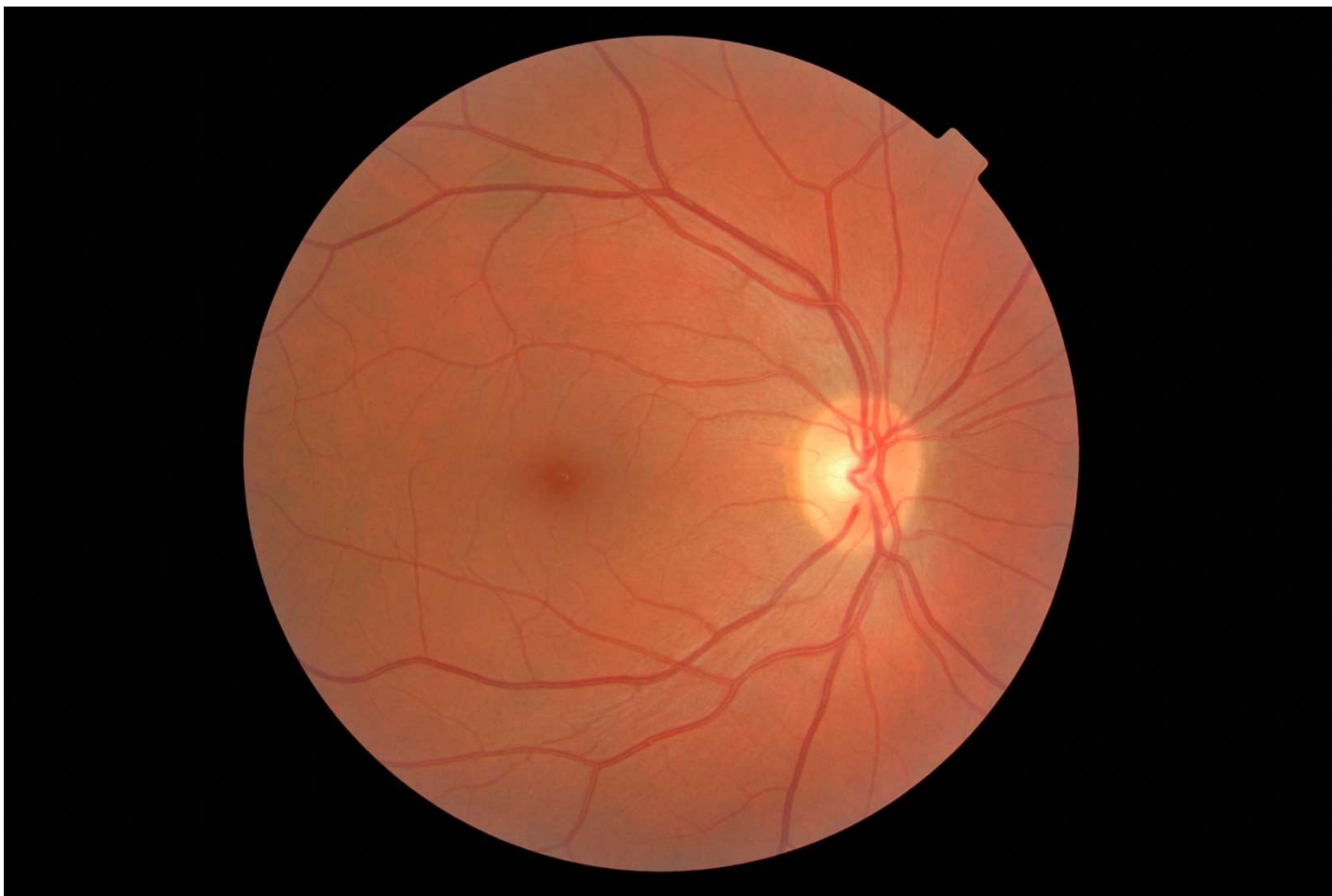
IOP Pulsair (on over-ride) R 18, 19, 20, 18 Av 19mmHg L 19, 17, 18, 21 Av 18mmHg at 2pm

EXTERNAL EYE EXAMINATION see attached

KERATOMETRY RE 8.15 @ 180 7.95 @ 90 LE: 8.15 @ 180 7.90 @ 90

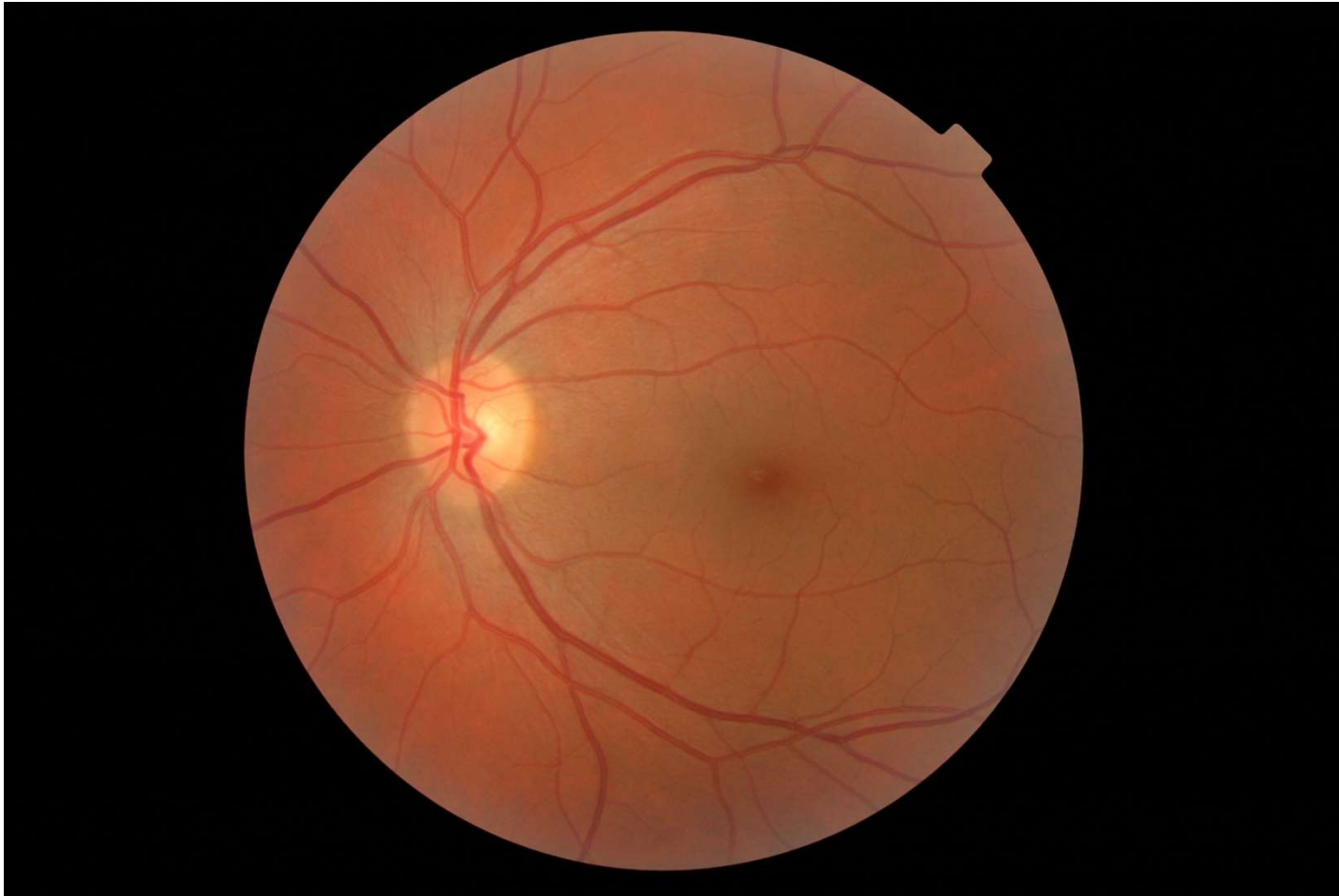
COLOUR VISION see attached

Fundus RE



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Fundus LE



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External View

Appearance of both eyes is similar



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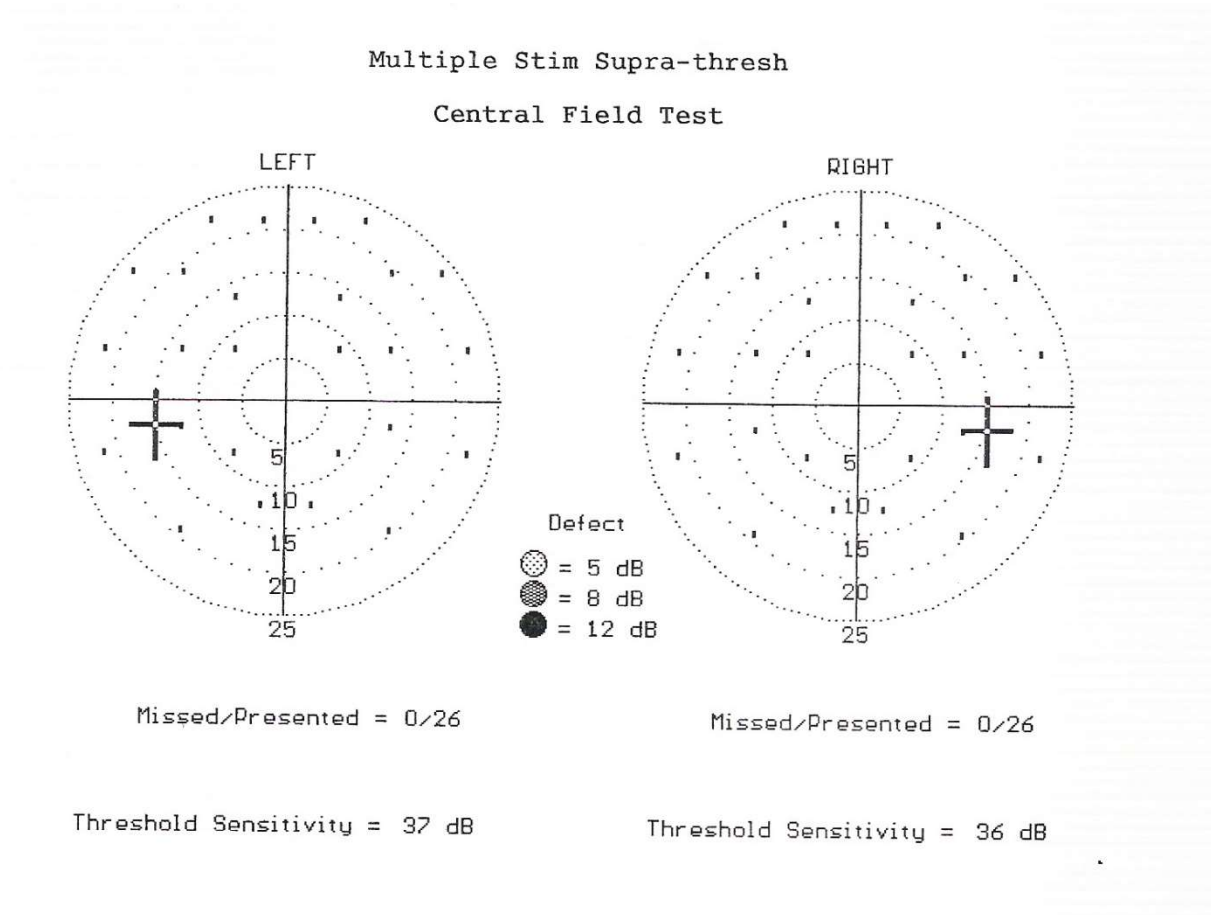
Corneal staining

Appearance of both eyes is similar



R102

Field RE & LE



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
<input type="checkbox"/> Should be seen by all subjects	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
<input type="checkbox"/> R/G defect may miss	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Tritan defect may miss	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>

No. seen on each page: 2 3 2 3

TOTAL correctly seen: 10 9 8 7 6 5 4 3 2 1 0

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: 16 16 16 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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