



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 9

AGE AND GENDER 83 years, female

ETHNIC BACKGROUND Caucasian

OCCUPATION AND HOBBIES Retired teacher. Used to embroider, has given up now, reading and television, non-driver {has never driven}

PRESENTING SYMPTOMS AND HISTORY Difficulty reading printed books in church with bifocals, would like to sew but has given up as difficulty seeing the colours and threading needles. Was told by previous optician 3 years ago that she had 'ageing eyes' and no treatment available. Not seen by ophthalmologist.

GENERAL HEALTH AND MEDICATION Aspirin, 'water' tablet (unsure of name).

PRESENT Rx, CENTRATION AND ACUITIES OC 58 / 55, R24 Bifocal, CR39, lenses scratched

RE +4.50 / -1.25 x 85 add +2.75 VA 6/18 +2, N8

LE +3.75 / -0.75 x 100 add +2.75 VA 6/18, N10

PD/NCO 58 / 55 mm at 35cm

VISION RE 3/60, LE 3/60 **PINHOLE VISION** RE 6 / 24 LE 6 / 24

REFRACTION

RE +5.00 / -1.50 x 87 ½ add +2.75 / +4.00

LE +4.50 / -1.00 x 105 add +2.75 / +4.00

VA Distance RE VA 6/12-2 LE VA 6/12 - 2 Binoc VA 6/12+2

Near RE N6 / N5, LE N8 / N6, at 35cm / 25cm

ACCOMMODATION Not done

BINOCULAR STATUS

Cover Test DV : 4" exophoria, good recovery

Cover Test NV : 10" exophoria, good recovery

MOTILITY Full and smooth in all directions, no diplopia reported

CONVERGENCE 13cm

PUPIL REACTIONS PERRL, 3mm in bright light, RE and LE

FUNDUS EXAMINATION see attached photo

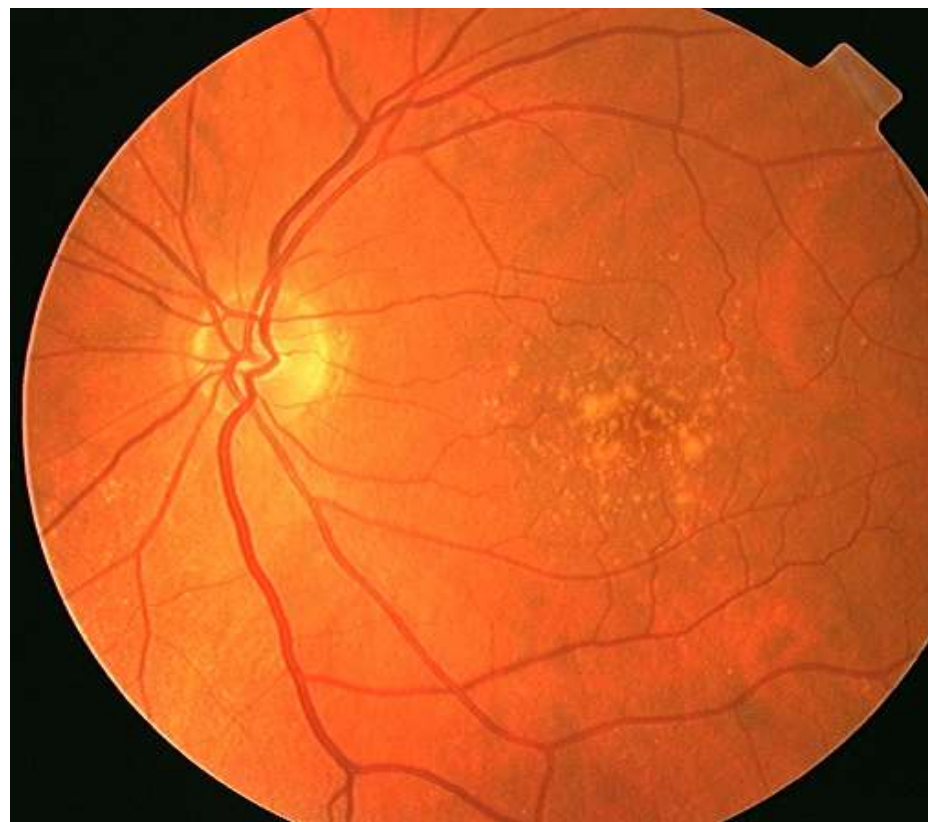
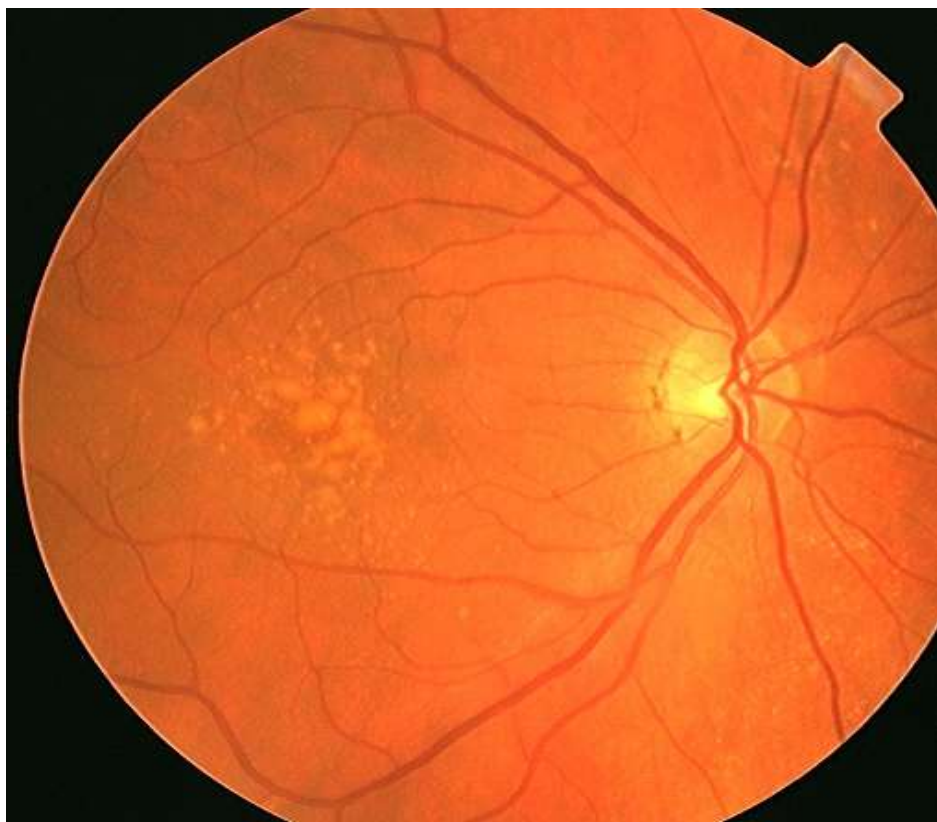
FIELDS see attached plot

IOP RE 12, 13, 14 mmHg LE 11, 14, 13 mmHg, non-contact tonometer, 11am

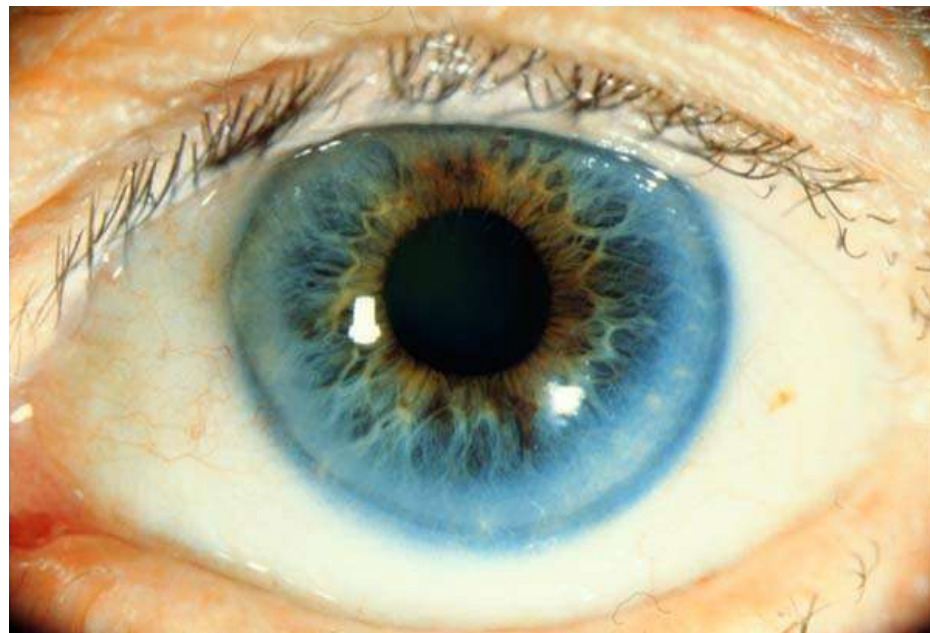
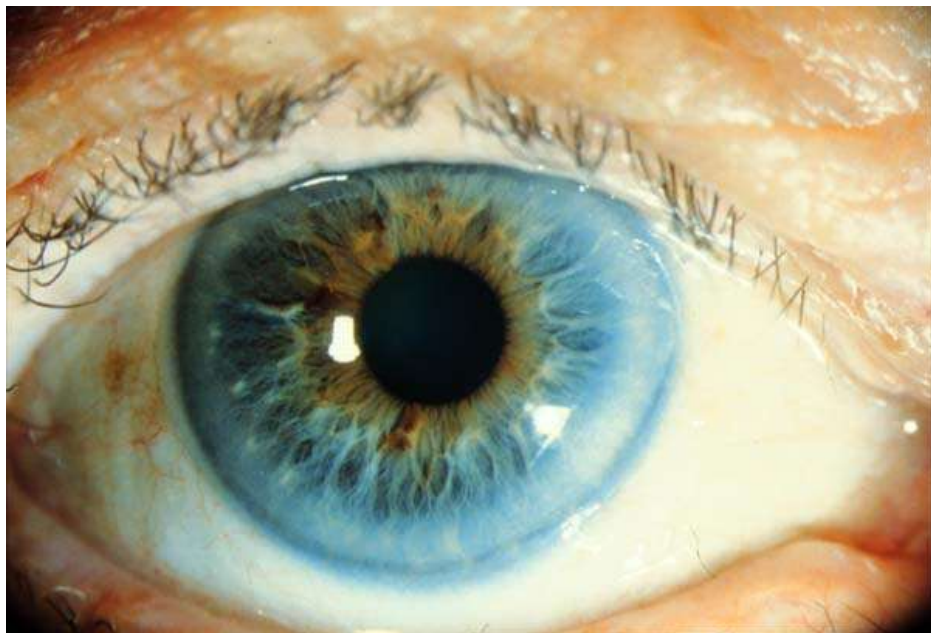
EXTERNAL EYE EXAMINATION see attached photo

COLOUR VISION See attached

Fundus Image

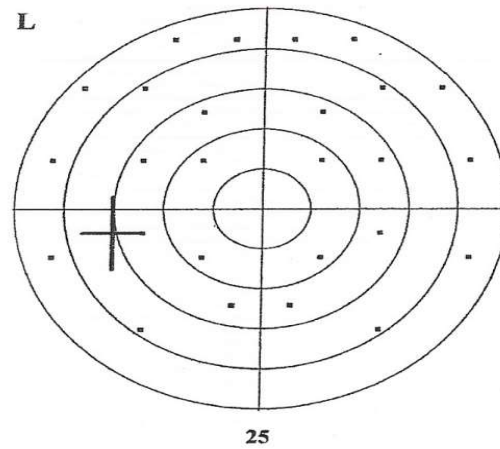


External Eyes

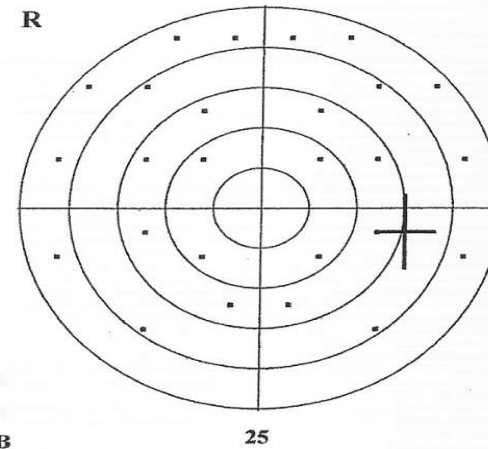


Field RE & LE

Single stimulus, suprathreshold,
central 25 degrees.



Threshold	31 dB
Total Missed/Presented	0/26
Superior Missed/Presented	0/16
Inferior Missed/Presented	0/10
False Positives	0/2
False Negatives	0/1



Threshold	32 dB
Total Missed/Presented	0/26
Superior Missed/Presented	0/16
Inferior Missed/Presented	0/10
False Positives	0/11
False Negatives	0/0



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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
<input checked="" type="checkbox"/> R/G defect may miss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
<input checked="" type="checkbox"/> Tritan defect may miss	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
No. seen on each page:	<input type="text" value="2"/>	<input type="text" value="3"/>	<input type="text" value="2"/>	<input type="text" value="3"/>							
TOTAL correctly seen:	<input checked="" type="radio"/> 10	<input type="radio"/> 9	<input type="radio"/> 8	<input type="radio"/> 7	<input type="radio"/> 6	<input type="radio"/> 5	<input type="radio"/> 4	<input type="radio"/> 3	<input type="radio"/> 2	<input type="radio"/> 1	<input type="radio"/> 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.)

Page (D is for demonstration)	Subject's choice of match and eye(s): R, L, Both	INTERPRETATION			
		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="/6"/>	<input type="text" value="/6"/>	<input type="text" value="/6"/>	<input type="text" value="/6"/>

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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