



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 44

AGE AND GENDER Male Aged 69 years

ETHNIC BACKGROUND Caucasian

OCCUPATION AND HOBBIES Retired Bank Manager: driver: golf

PRESENTING SYMPTOMS AND HISTORY Distance vision getting progressively more blurred over past 3 months when wearing spectacles – better with LE when spectacles removed. Vision particularly poor when driving towards sun, and playing golf on bright days. Near vision reasonable in daylight. Current spectacles 2 years old, worn constantly. Eyes feel gritty and irritable over past few months; GP gave a course of eye ointment a month ago but this didn't help. Sister just been diagnosed with age-related macular degeneration.

GENERAL HEALTH AND MEDICATION Terfenadine for allergic skin rash

PRESENT Rx, CENTRATION AND ACUITIES D28 CR39 bifocals ocd = 67mm

RE: +5.00/-1.00 x 45 LE: +4.25/-0.50 x 150 Add +2.00

Distance: RE: 6/9+1 LE: 6/60 Near (at 33cms): RE: N5 LE: N10

PD/NCD 67/63 at 33cms

VISION RE: 3/60 LE: 6/36

PINHOLE VISION RE: 6/9+2 LE: 6/12+2

REFRACTION RE: +4.50/-0.50 x 50 LE: +1.50/-0.50 x 170 Add +2.50

VA Distance RE: 6/6 LE: 6/9

Near RE: N5 LE: N6

ACCOMMODATION RE: 1.25 LE: 1.25 Binoc: 1.50

BINOCULAR STATUS With Rx Distance Maddox Rod 1Δ exophoria

Near Maddox Wing 8Δ exophoria

Fixation Disparity Mallett unit no H or V slip distance or near

MOTILITY full, no diplopia

CONVERGENCE NPC = 10 cms

PUPIL REACTIONS direct, consensual and near all present

FUNDUS EXAMINATION see attached

FIELDS see attached

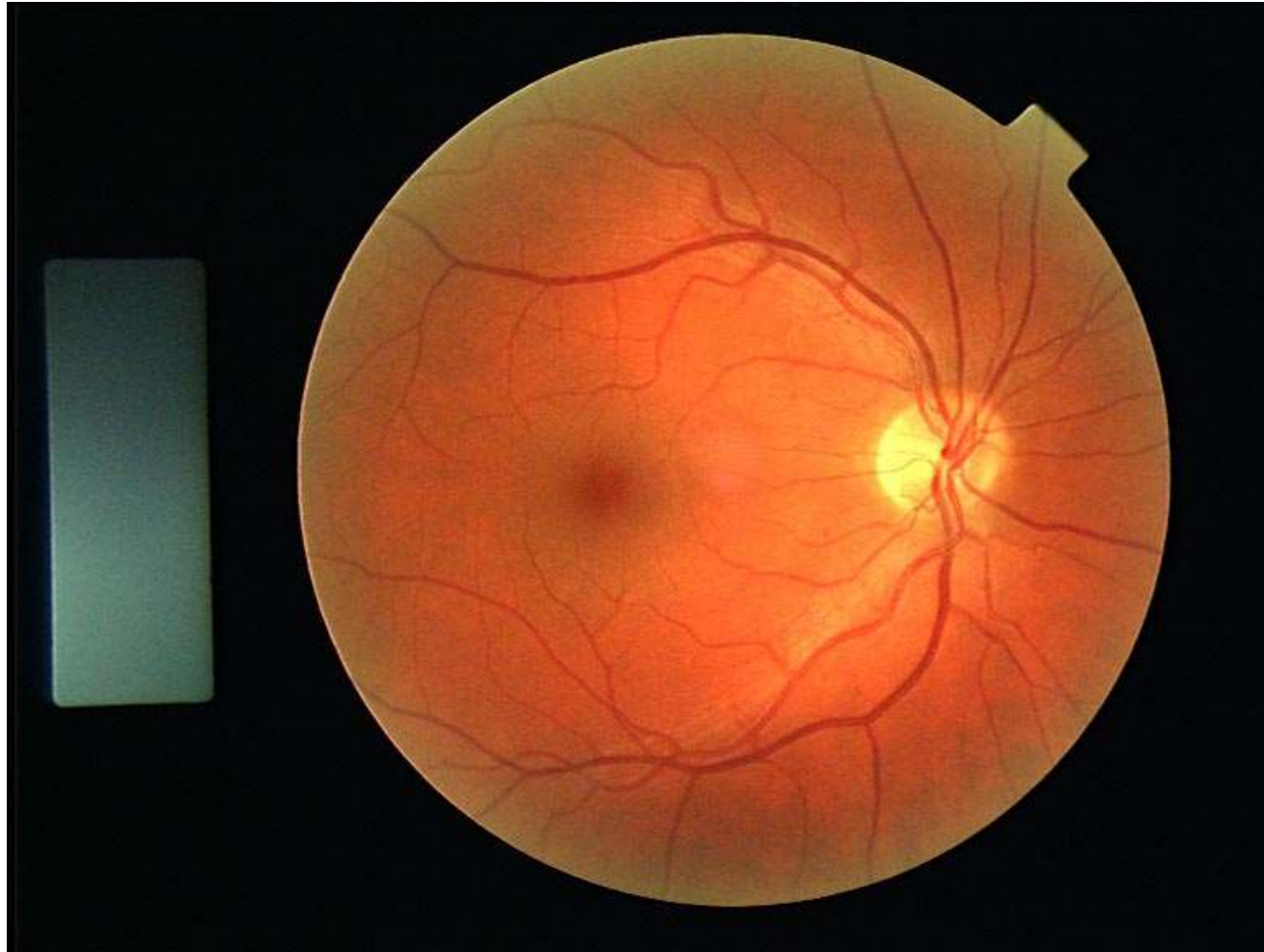
IOP RE: 20 mmHg LE: 19 mmHg Goldmann 4.00pm

EXTERNAL EYE EXAMINATION see attached

KERATOMETRY RE: 7.60 @ 90 7.60 @ 180

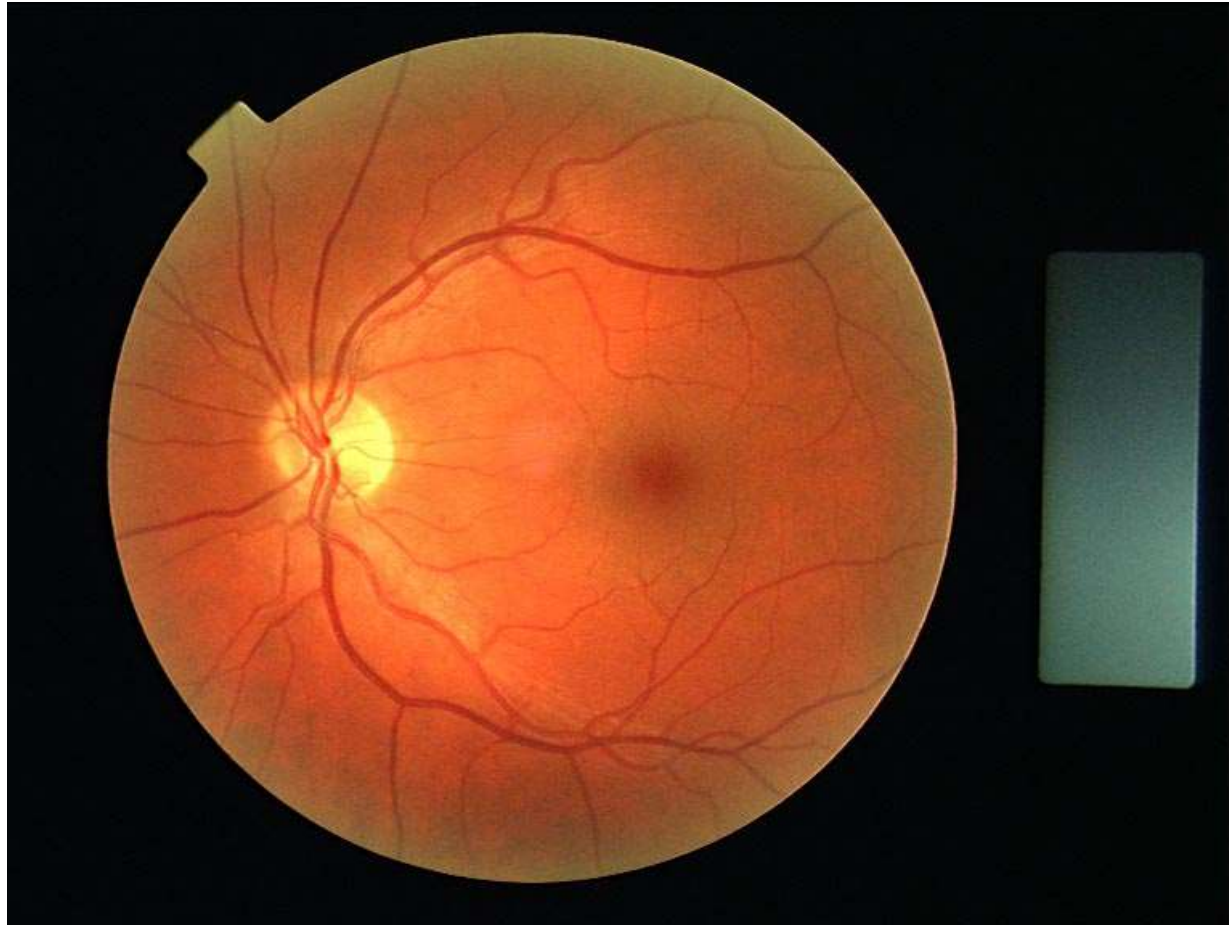
LE: 7.60 @ 90 7.65 @ 180

Fundus RE



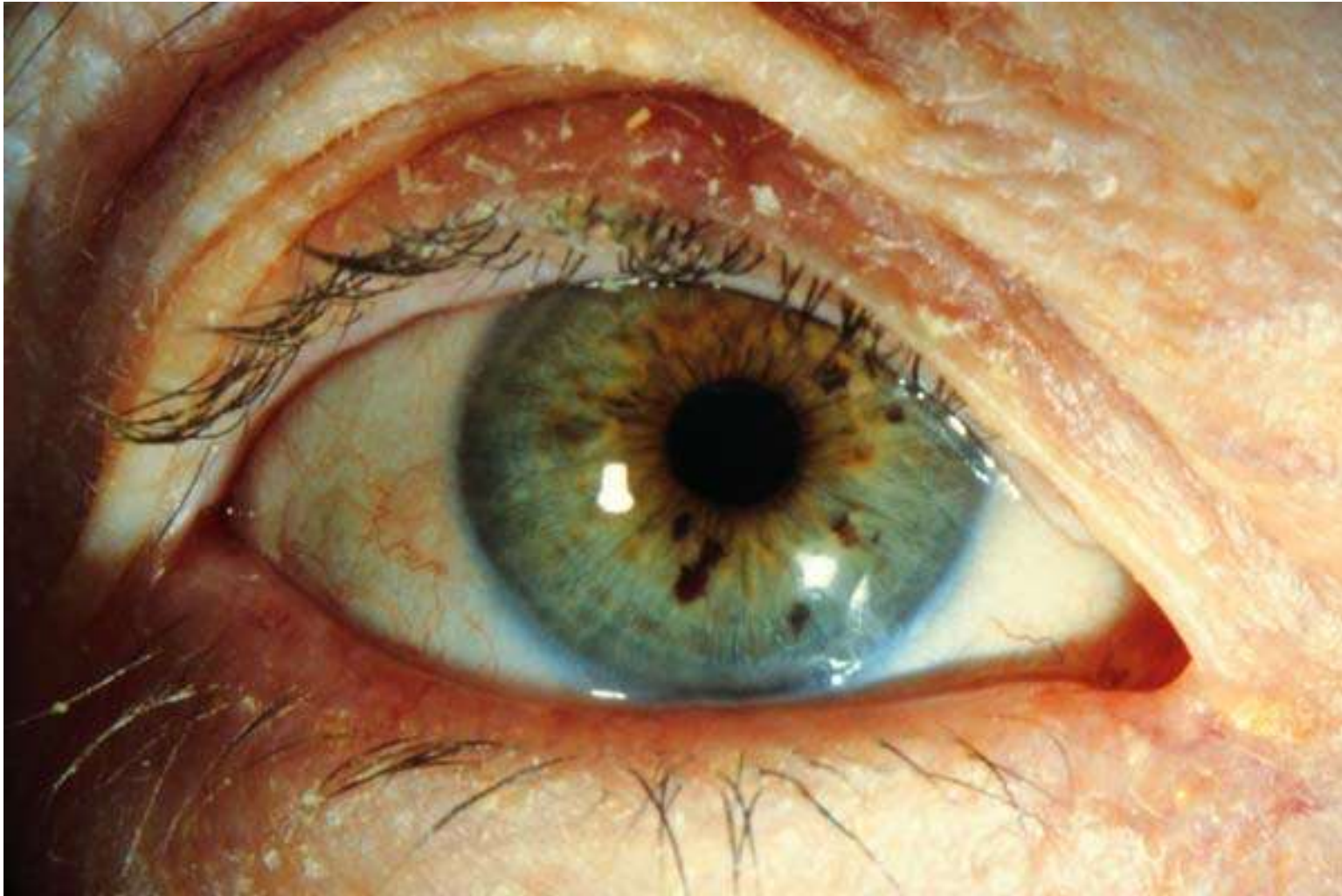
R44

Fundus LE



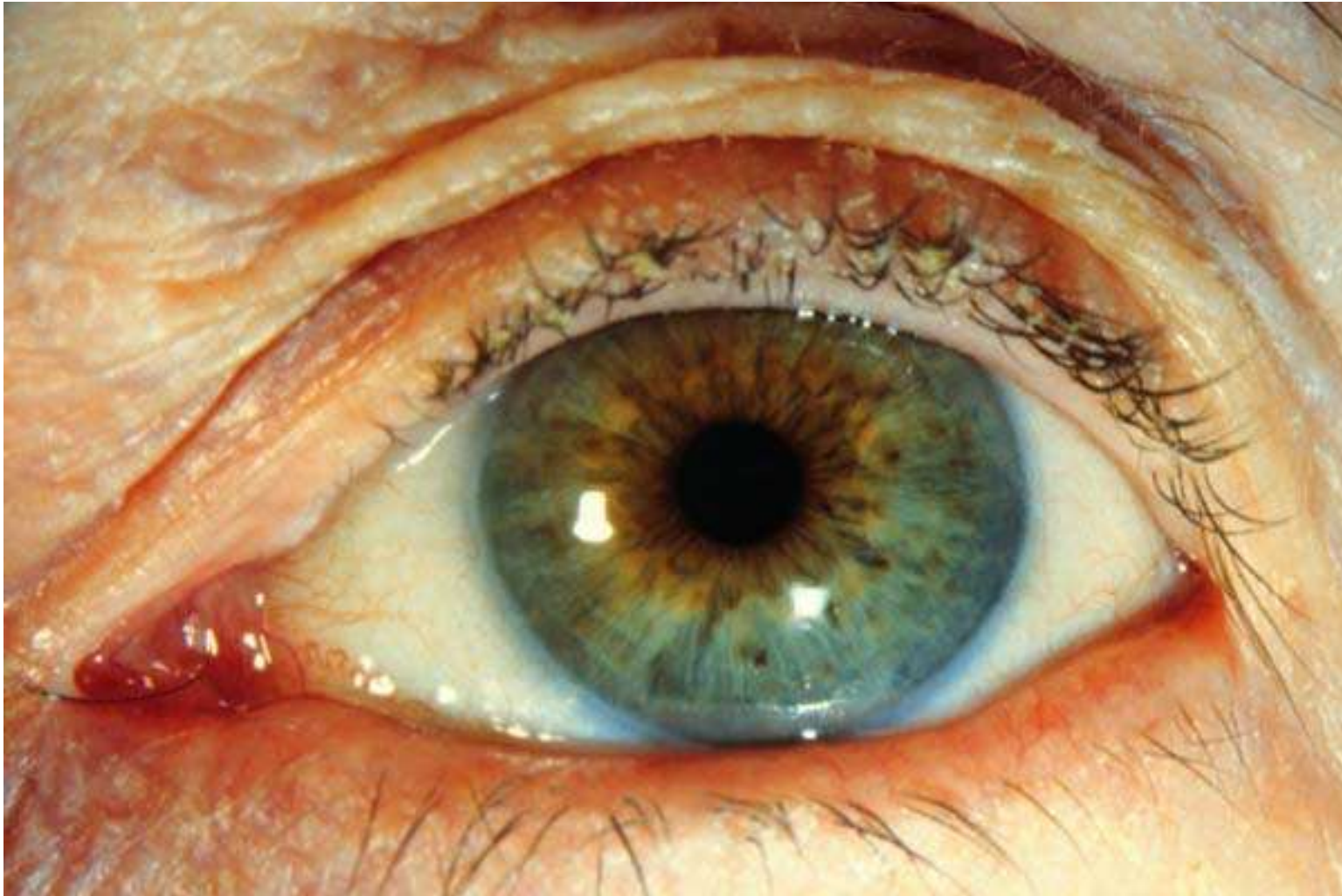
R44

External Eye RE



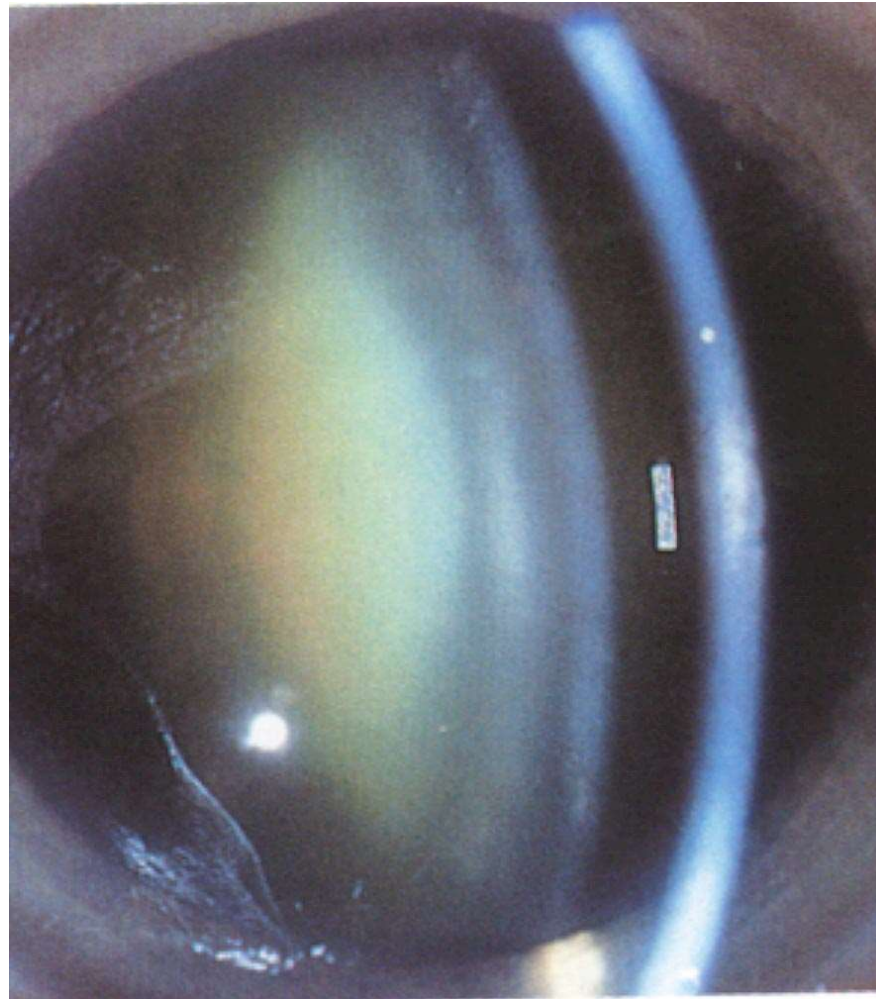
R44

External Eye LE



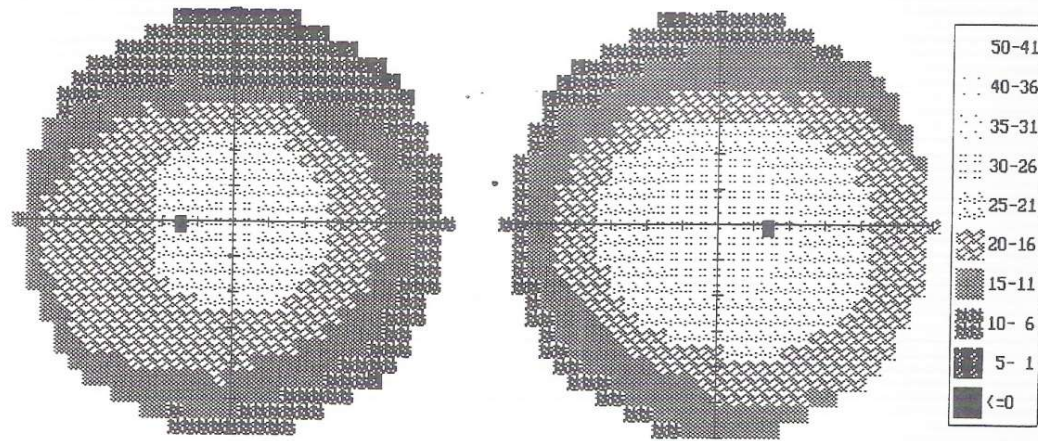
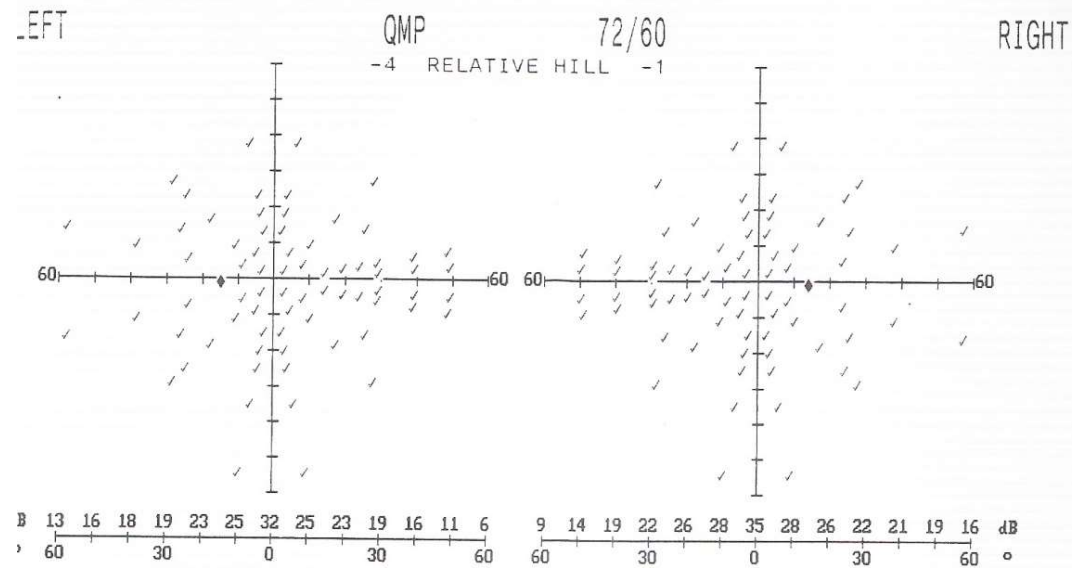
R44

Optic section (slit lamp) LE



R44

Field RE & LE



PROGRAM : 6	72	POINTS TESTED	72
LD400 VER: 3.0	63	PRESENTATIONS	68
SN : 14584	3:06	EXAM TIME	3:23
3/01/2005	0	FALSE POSITIVES	0
1:59 PM	0	FALSE NEGATIVES	0
	3/ 5	FIXATION LOSSES	3/ 5

Colour Vision RE

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 type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> R/G defect may miss	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input 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:

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.)

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:

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 =

Keeler Ltd., Clewer Hill Road, Windsor, Berkshire SL4 4AA
U.K. Tel: +44 (0) 1753 857177 Fax: +44 (0) 1753 857817

To re-order record charts quote Keeler number 2206-L-7125



Colour Vision LE

City University Colour Vision Test (3rd Edition 1998)

Subject: _____ Address: _____
 Male/Female: Male Female Examiner: _____ Date: _____
 Spectacles worn?: No Yes Eye(s) tested (delete as needed): both R L 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	1	2	3	4
<input type="checkbox"/> Should be seen by all subjects <input checked="" type="checkbox"/> R/G defect may miss <input checked="" type="checkbox"/> Tritan defect may miss				

No. seen on each page: 1 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.

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

FORMULA: Here are 4 coloured spots **around** the one in the centre.
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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.

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