



THE COLLEGE OF
OPTOMETRISTS

Stage Two

Overarching case scenario 76

AGE AND GENDER Female Age 66 years

ETHNIC BACKGROUND Caucasian

OCCUPATION AND HOBBIES Retired. Enjoys the arts (art galleries, theatre, music)

PRESENTING SYMPTOMS AND HISTORY Last sight test 2 years ago. No previous visual problems other than needing glasses. Vision good near & distance with glasses, except in cinema. For last 2/12 noticed that when reading sub-titles, one end of the line is clear and single, reading across the other end becomes double. Horizontal separation of images. No other visual problems
Family History. Mother died following a stroke at age 74 years.

GENERAL HEALTH AND MEDICATION Good. No medication, except self prescribed vitamin C and daily aspirin.

PRESENT Rx, CENTRATION AND ACUITIES Wearing Varilux Physio 2.0 progressive lenses;
monoc CD RE 32mm LE 30mm

R -3.50 / -1.25 x 90 6/6 L -3.50 / -1.50 x 90 6/6
Add +1.75 Add +1.75

PD/NCD 64 / 60 mm at 35cms

VISION R 3/60 L 3/60

PINHOLE VISION 6/9 6/9

REFRACTION R -3.50 / -1.00 x 100 L -3.25 / -1.75 x 80
Add +2.25 Add +2.25

VA Distance R 6/6 L 6/6

Near N5 N5

ACCOMMODATION R 0.5 L 0.5

BINOCULAR STATUS CT near: orthophoria
Distance: 4-6Δ esophoria, rapid recovery either eye
Mallett. Near: no misalignment
Distance: 4Δ BO R
Stereopsis: 40" of arc on Titmus

MOTILITY No diplopia or discomfort. Angle of esophoria increases on gaze to the right (by cover test)

CONVERGENCE binocular to nose

PUPIL REACTIONS PERRLA. No RAPD

FUNDUS EXAMINATION see attached

FIELDS see attached

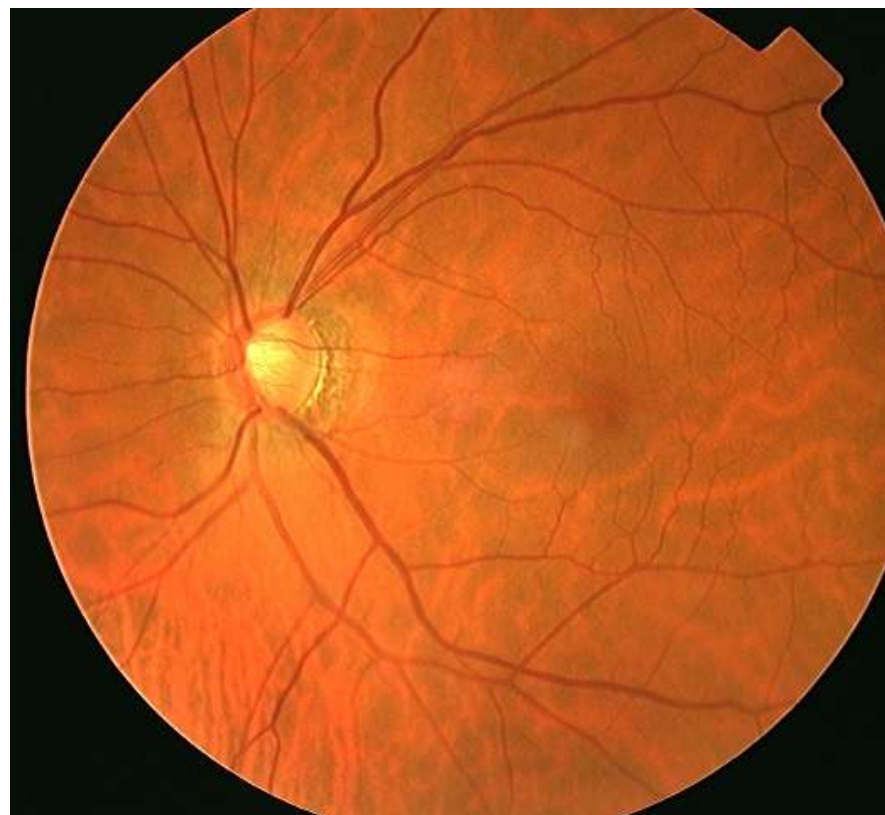
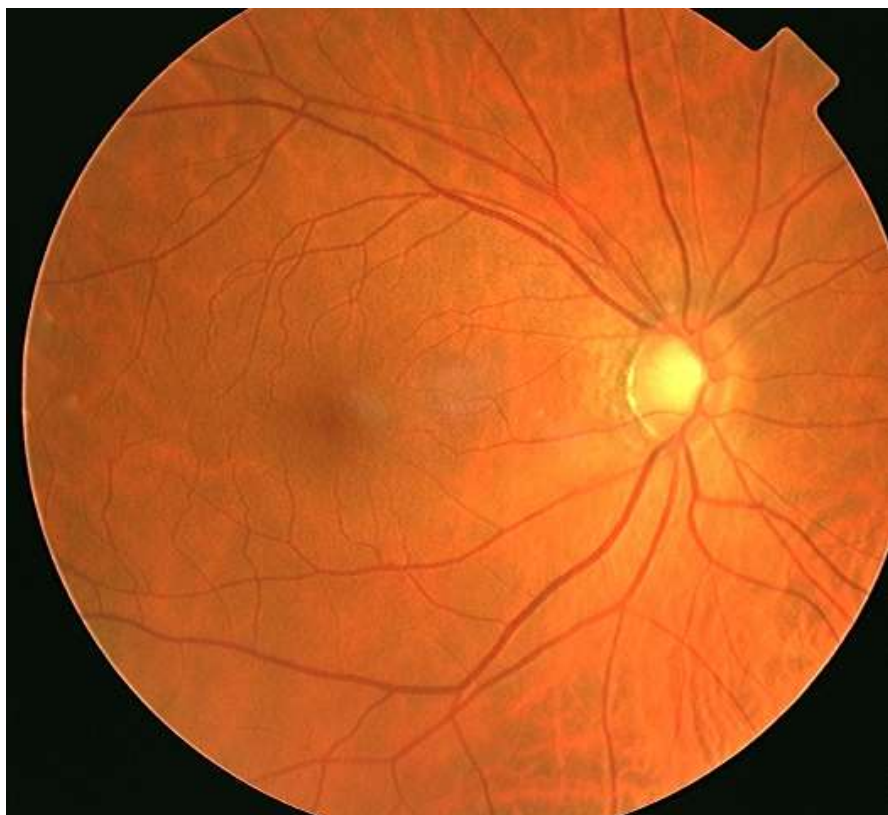
IOP NCT@ 10am: R 21, 21, 22, 20 (Av 21mmHg) L 18, 19, 18, 17 (Av 18mmHg)

EXTERNAL EYE EXAMINATION see attached

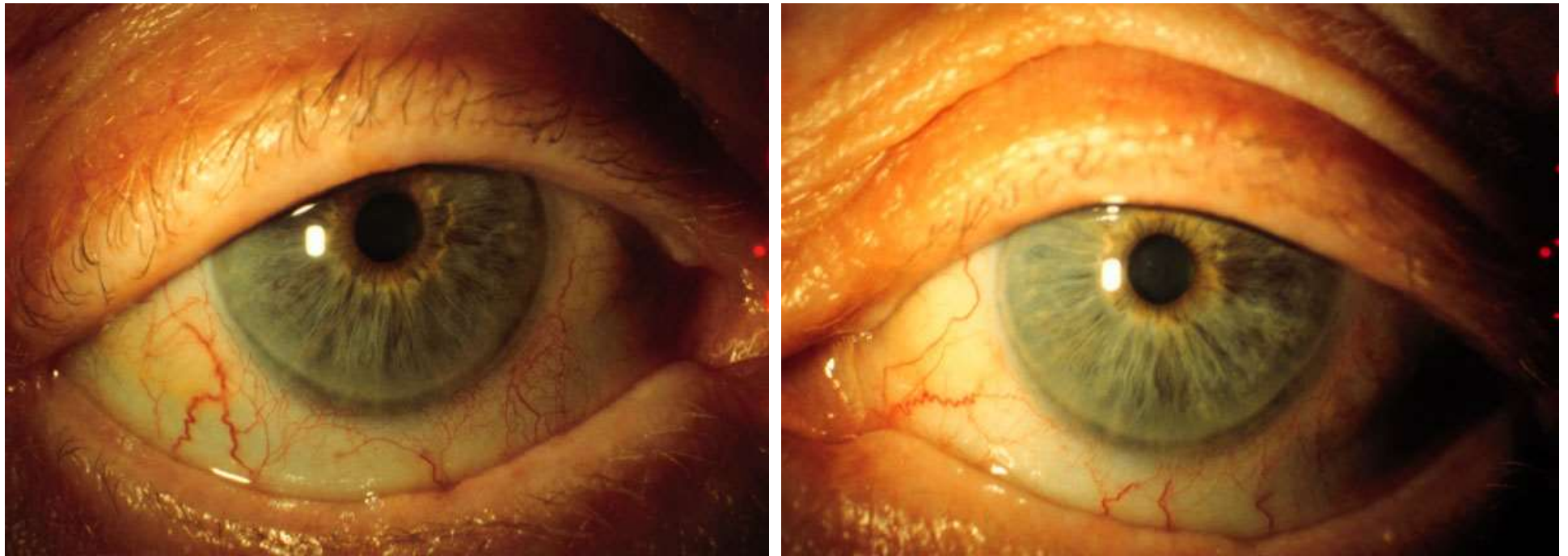
KERATOMETRY RE 7.90 @ 180 7.80 @ 90 LE: 7.90 @ 180 7.70 @ 90

COLOUR VISION see attached

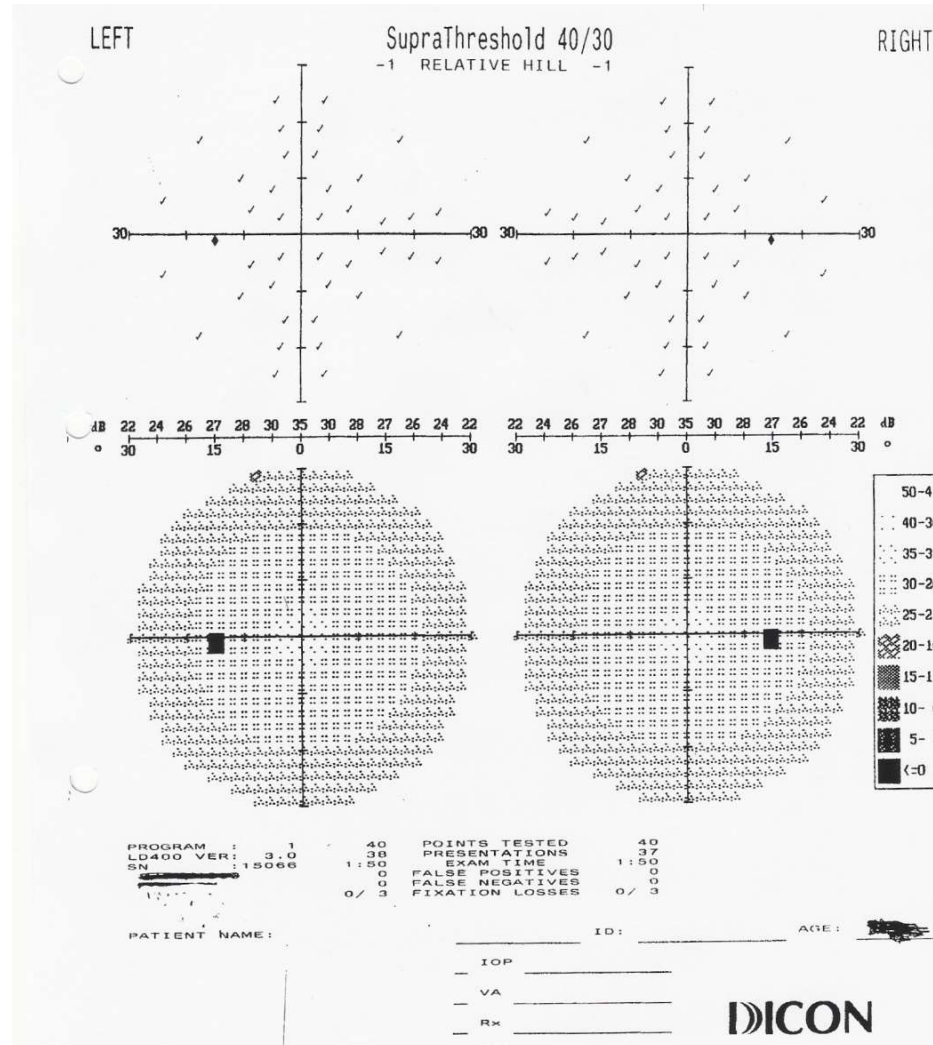
Fundus Image



External Eyes



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 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 checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" 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:

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

