



What helps with vision problems after stroke

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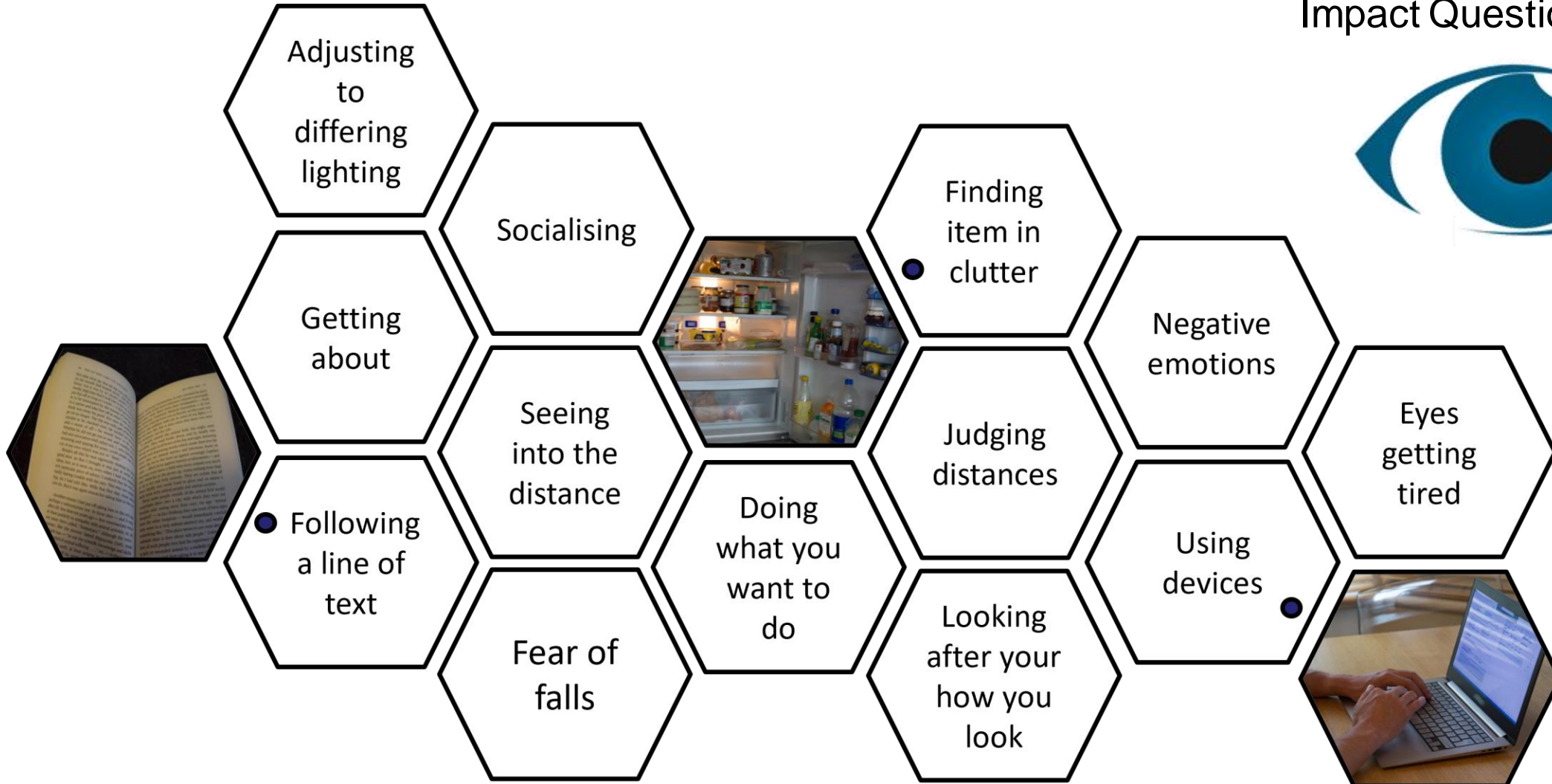


Conflict of interest

None to declare

BIVI-IQ

Brain Injury Associated Visual Impairment Impact Questionnaire





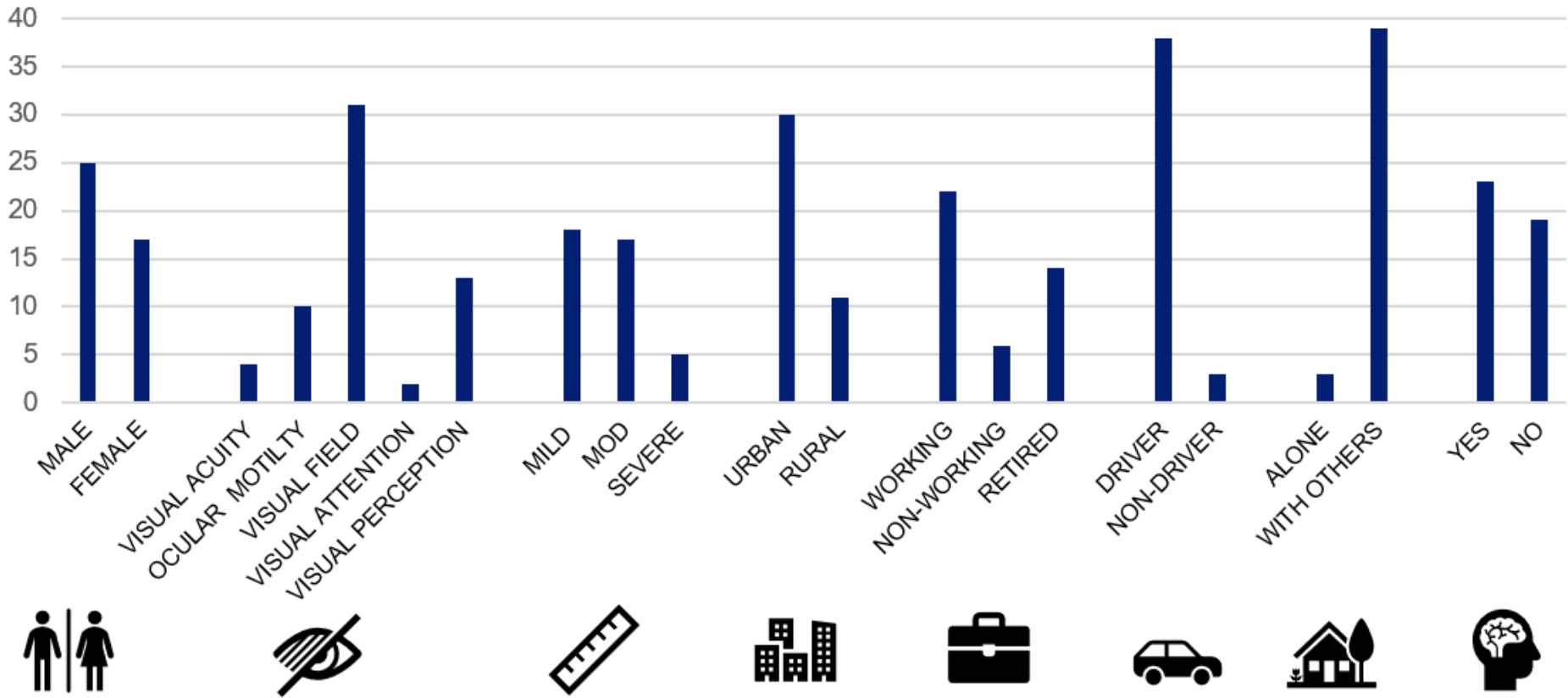
93% of stroke survivors
with visual impairment

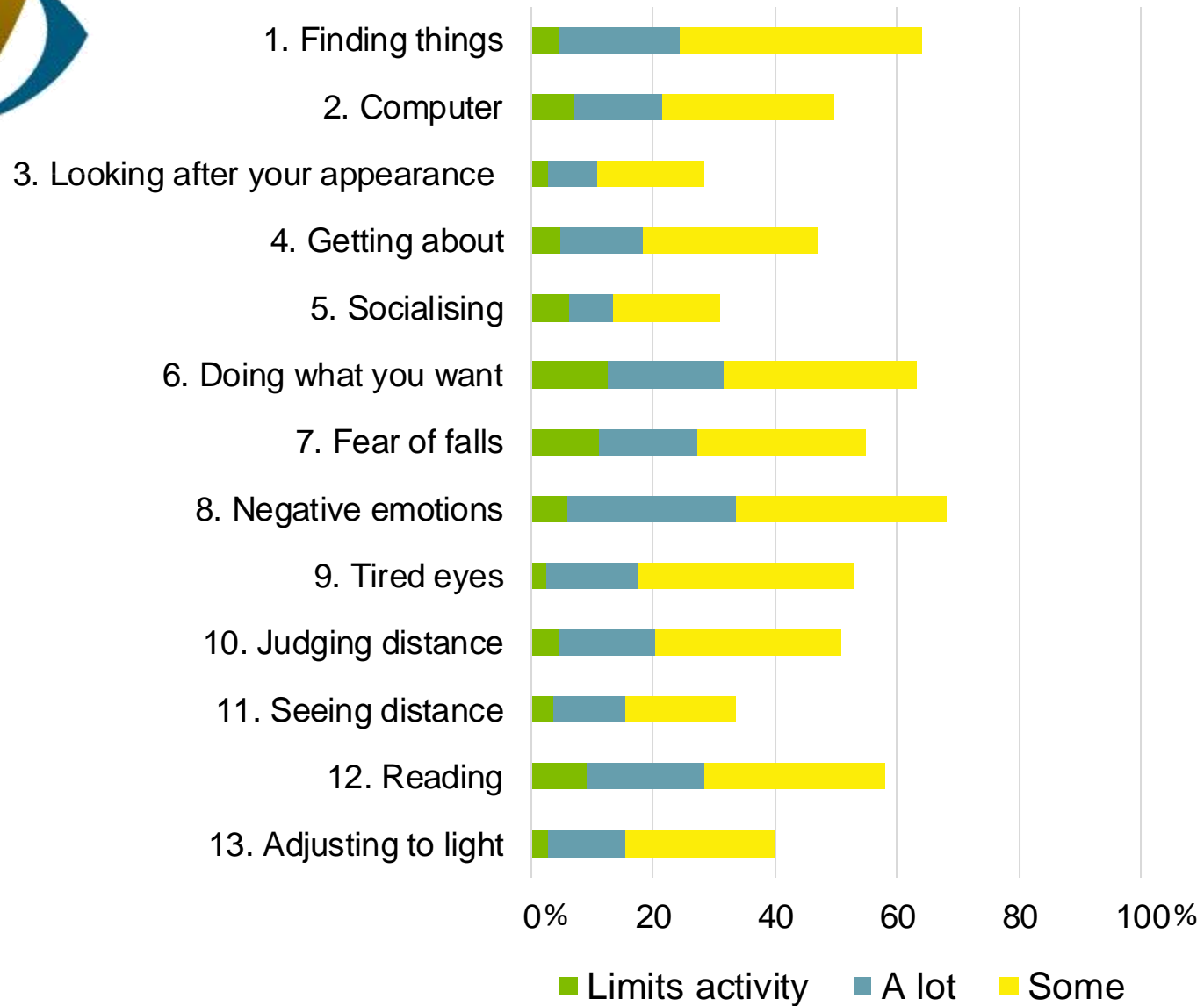
have reduced vision-
related quality of life

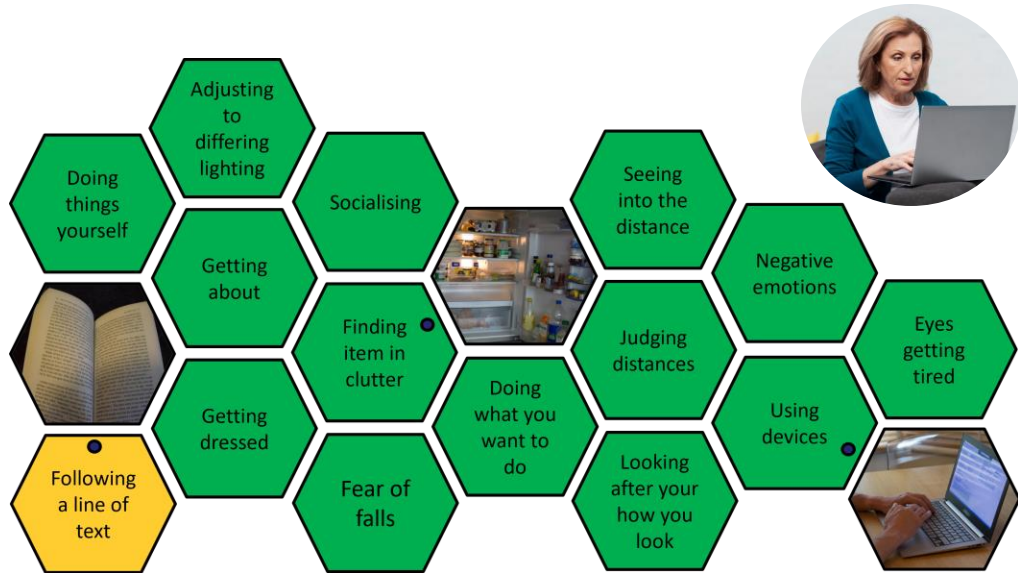
326
IVIS II recruits



43
Interviews





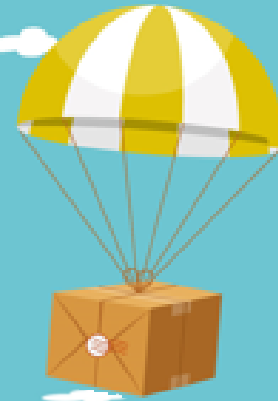




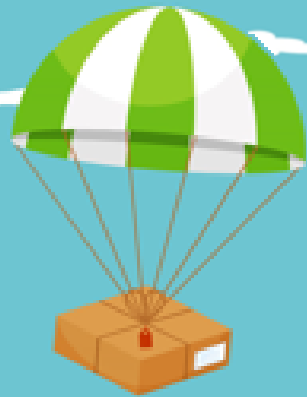
Therapy



Apps



Technology



Information

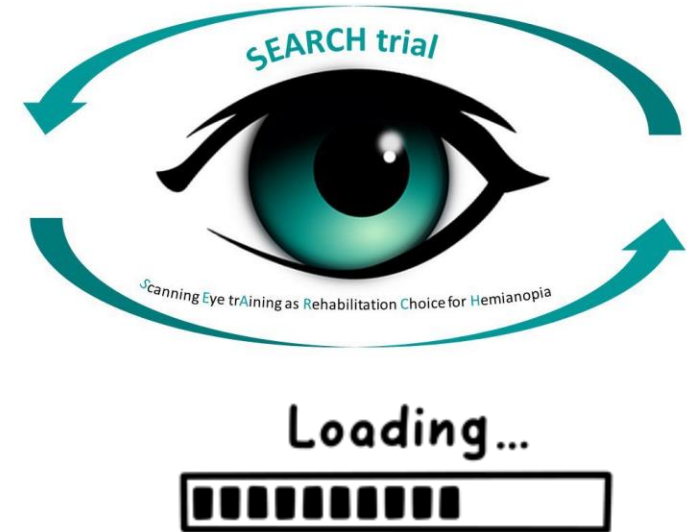
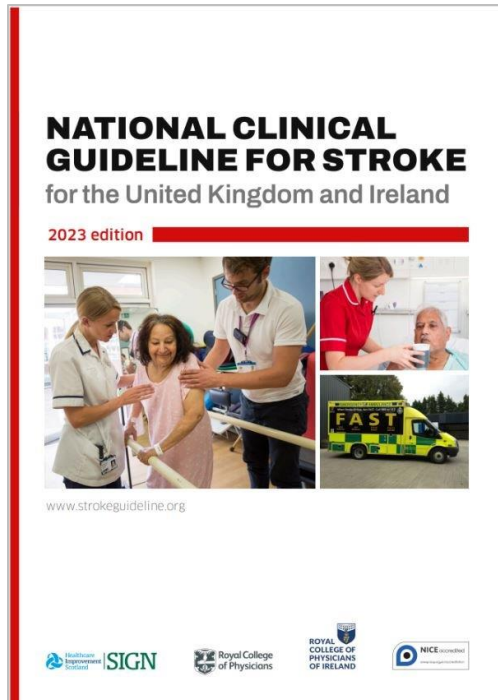


Peer
support

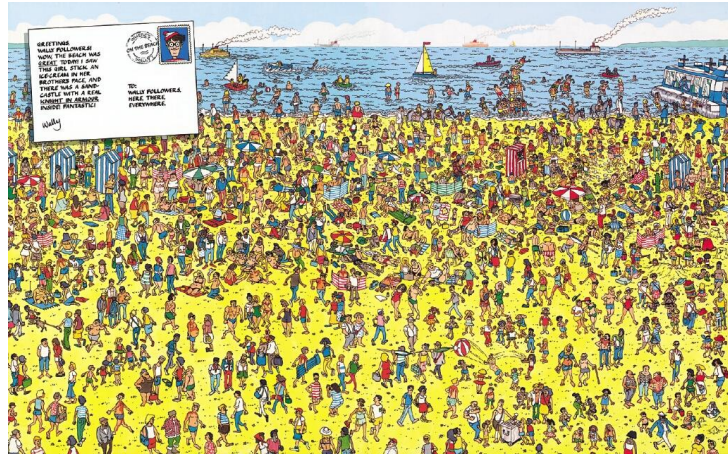


Adaptations

Therapy

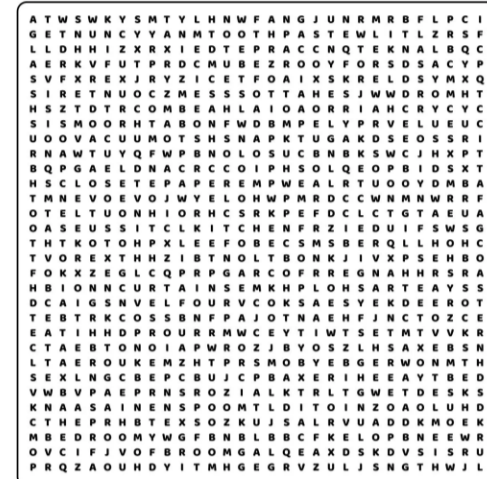


Therapy meets play



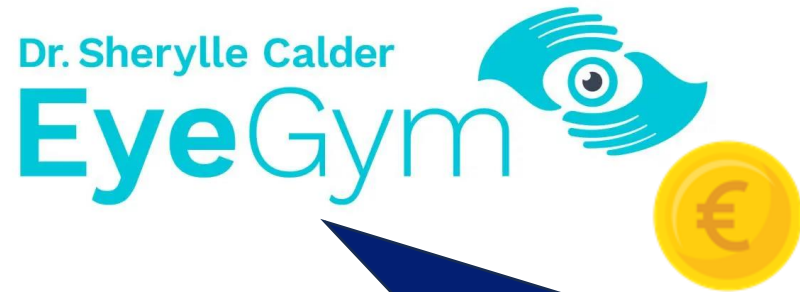
[Orthoptist] suggested one of those Where's Wally books to look, because she said there's a lot of detail going on and you've really got to scan through.

So she [OT] ...she talked me through the type of things that might help ... so the spot the differences, the word searches

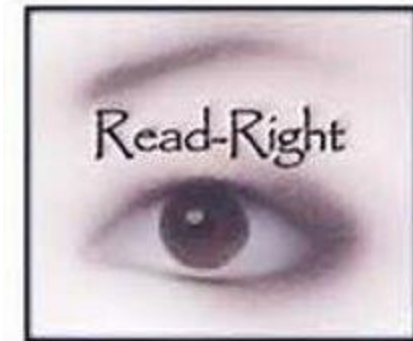


- | | | | | | | |
|------------|------------|-----------|---------|---------|-----------|------------|
| WINDOW | WASHER | WASHCLOTH | VENT | VACUUM | TRASH | TOWEL |
| TOOTHPASTE | TOOTHBRUSH | TOILET | TOASTER | TISSUES | TILE | TELEVISION |
| SOAP | TABLE | STAIRS | SPOON | SPONGE | SPIRITUAL | SOCKS |
| | SLIPPERS | SINK | SHOWER | SHOES | SHelf | SHEET |

Online - Therapy



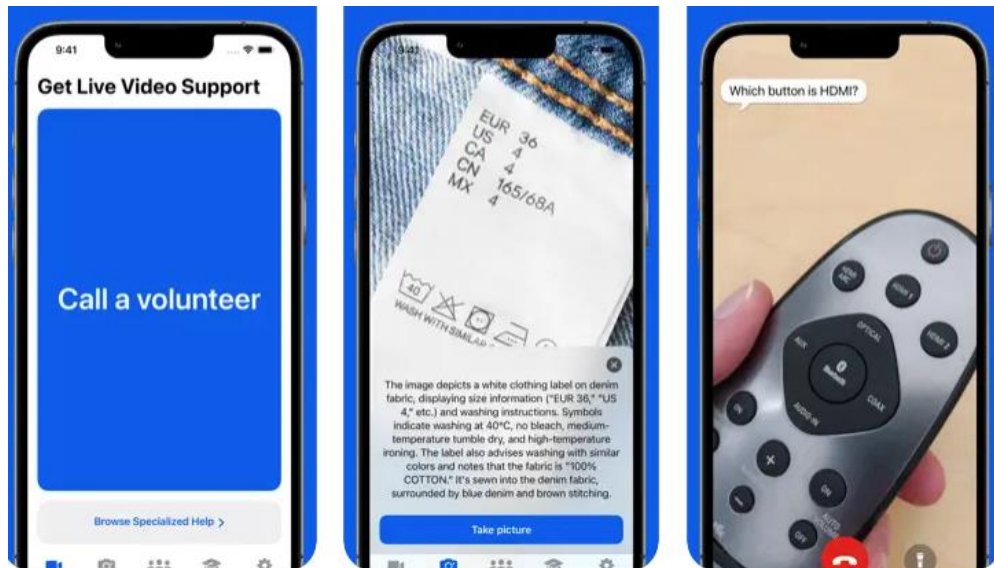
I've also been doing err a thing called Eye Gym ... to work on that hand-eye coordination ... Formula 1 racing drivers use this, lots of basketball players, golfer and the greatest sports people it the world have an ability to predict and track erm the movement of a ball or a movement ... I spend time on that every single day



Apps - Support



Be My Eyes



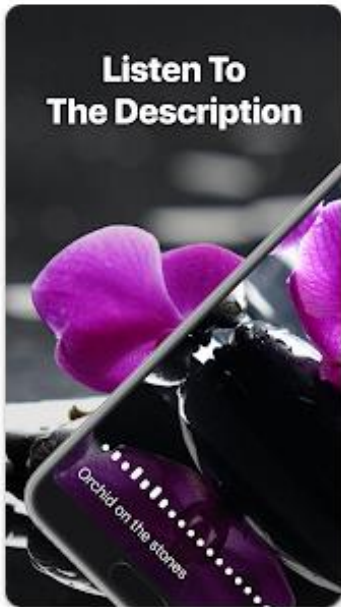
They'll [Be My Eyes] help you like if you've lost your keys but you know you left them in the living room, you can connect to them and then you can just show them round your living room and then they'll say like stop your keys are on like, there's a little table at the side of your black chair, there's your keys.

Apps - Support



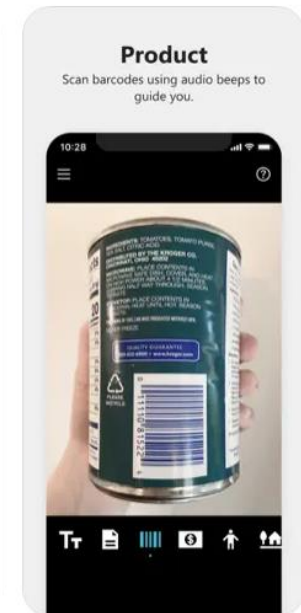
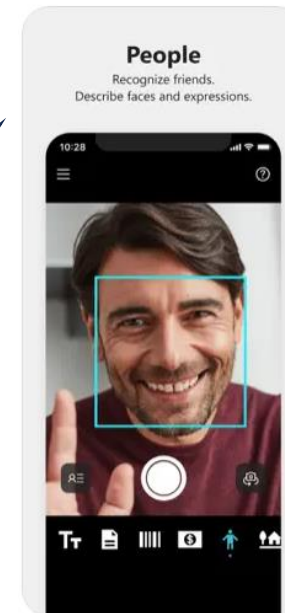
TapTapSee

You can point it [TapTapSee] at like on the top and it will say to you to the right is a banana to the left is a pear



Seeing AI

You can scan barcodes with Seeing AI ... you can like hover over something and it will scan the barcode and it will read you like everything that's associated.



Accessibility functions



PowerToys

I'm using some of the PowerToys that Microsoft have come up with ... I can now double click the control button, the whole screen turns translucent black and the mouse has a white big circle round it and it kind of zooms in.

I have made adjustments on my mobile actually so it's got the yellow keyboard rather than the white one because I find the contrast best better. Oh I've got one of those at work as well actually, yellow keyboard with a black erm lettering on.



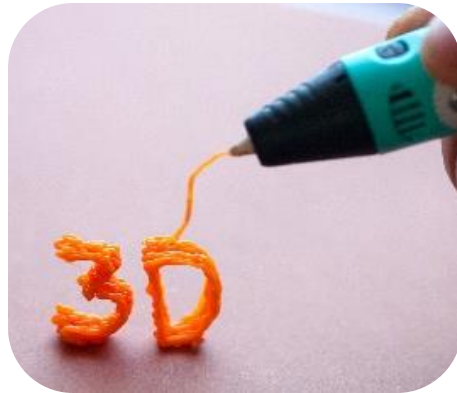
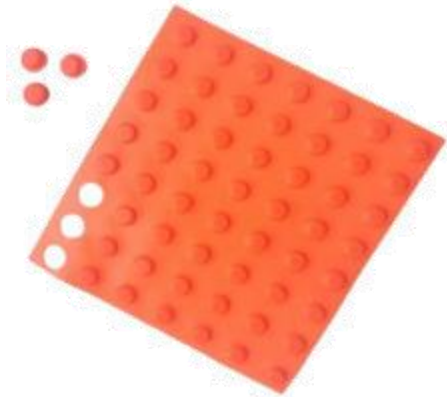
Everyday technology

I play games on that [smart speaker] now and do quizzes and puzzles and things on that, just helps keep my brain ticking over. I can get my e-books on it as well if I want on Audible.

I will put audio things on more, although I've said I'm visual, I use my Alexa a lot if I'm cooking.



Gadgets



I use that, talking scales, like for your weights as in you as a person and like flour and sugar and stuff like that. ... what else have I got bump ons, like the orange bump ons, I've got those all over the house and I use the liquid bump on stuff as well.

Change to way of doing



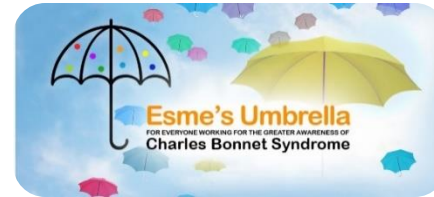
I used to read a lot now I listen to audible books a lot more because it's just easier. Erm so I have a love of reading and books so why stop, just make it easier for yourself so listen to a book.

If I want to go to the supermarket I can't get there on public transport erm so I've had to start getting Gusto meals and Hello Fresh just so I can get food delivered.

I don't like gardening at the end of the day because the sun comes down and I find that really difficult so I will do my gardening in the morning.



Information



BIOS | BRITISH AND IRISH
ORTHOPTIC SOCIETY

VISION



Vision, Orthoptic and Brain Injury
Research Unit

RNIB



Working for People
with Sight Loss



Sight
Scotland



Visibility Scotland



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ORTHOPTIC SOCIETY

Visual field loss following stroke
or brain injury



BIOS | BRITISH AND IRISH
ORTHOPTIC SOCIETY

Visual Perception Defects following
Stroke or Brain Injury



BIOS | BRITISH AND IRISH
ORTHOPTIC SOCIETY

Eye movement problems following
stroke and brain injury



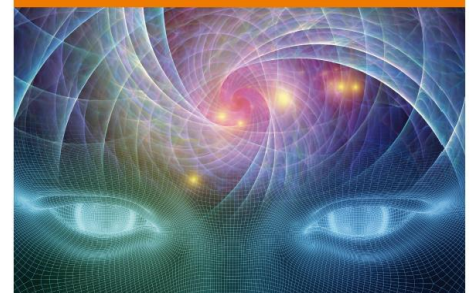
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ORTHOPTIC SOCIETY

Visual inattention following Stroke
or Brain Injury



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ORTHOPTIC SOCIETY

Web based therapy for visual field
loss and visual neglect



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ORTHOPTIC SOCIETY

Reduced vision following stroke and
brain injury



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ORTHOPTIC SOCIETY

Driving and visual defects following
stroke or brain injury



Peer support



- In the home
- In the kitchen
- Outside
- Other
- Useful contacts

Life after Stroke with
Visual Impairment



Hints and Tips
from those with
experience

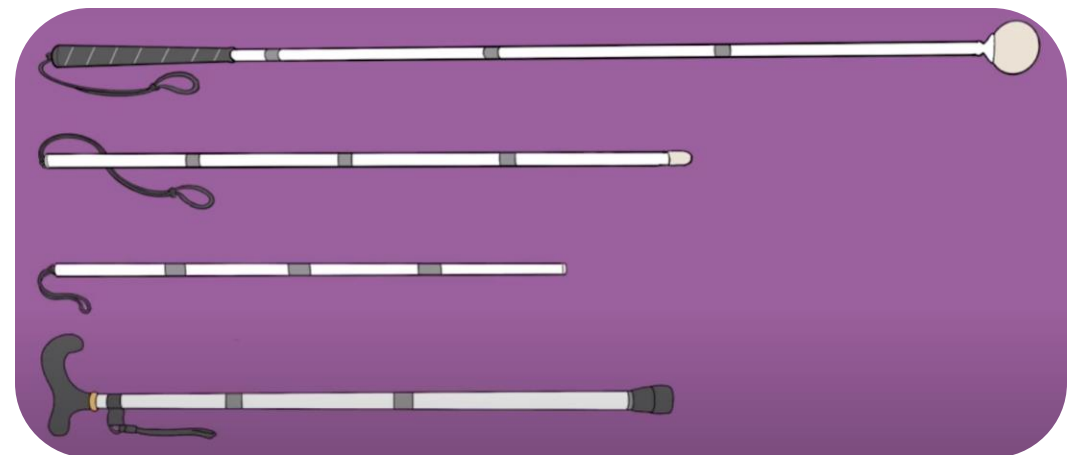
Visibility & disclosure



I refuse to explain myself the whole time. ... You know on the train people rush and my first experience on a train for a long time, was on Wednesday ... somebody said to me but don't you wear your sunshine lanyard and I said I do sometimes

I found that once I use that [symbol cane] people about half the time will at least pay attention and give you a little bit of erm a wider berth so you can navigate your way without them getting in your way

I've been able to start running a little bit and erm I do go out wearing a vest sort of saying visually impaired on it just in case, so people are aware in case





Stroke
Association

Different
Strokes

Chest
Heart &
Stroke
Scotland

THANK
YOU



NHS
Northern Care Alliance
NHS Foundation Trust

NHS
St Helens and Knowsley
Teaching Hospitals
NHS Trust

GIG
CYMRU
NHS
WALES
Bwrdd Iechyd Prifysgol
Betsi Cadwaladr
University Health Board

NHS
The Royal Wolverhampton
NHS Trust

NHS
Wirral University
Teaching Hospital
NHS Foundation Trust

NHS
University Hospitals
Birmingham
NHS Foundation Trust

NHS
University Hospitals Dorset
NHS Foundation Trust

NHS
Sheffield Teaching Hospitals
NHS Foundation Trust

NHS
Epsom and St Helier
University Hospitals
NHS Trust

HSC
Belfast Health and
Social Care Trust
caring supporting improving together

NHS
Bradford Teaching
Hospitals
NHS Foundation Trust

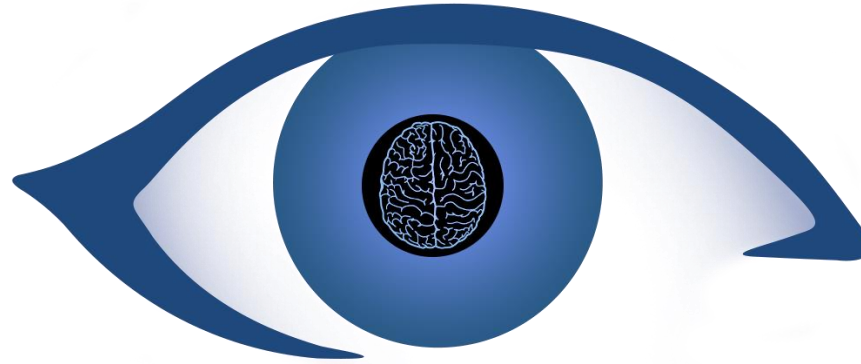
NHS
Oxford University Hospitals
NHS Foundation Trust

NHS
Buckinghamshire Healthcare
NHS Trust

GIG
CYMRU
NHS
WALES
Bwrdd Iechyd Prifysgol
Aneurin Bevan
University Health Board

NHS
United Lincolnshire
Hospitals
NHS Trust

VISION



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Research Unit

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