RO&Ming with Lil Episode 6

What do the VROOM and OMO numbers mean?



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Introduction to Episode 6

In this Episode we talk again with Jo Anson-Smith an orientation and mobility specialist from Newcastle

- Jo reports the VROOM and OMO scores for the client she assessed a few weeks ago.
- We revisit Erica Tandori's VROOM and OMO results from last episode.
- I explain how we can interpret these results in 10 point categories, with F words for VROOM categories and C words for OMO categories.
- Jo explains some of her decision-making challenges in using these assessment tools
- We explore the implications of mid-range low vision the Formwork category – where Ken and Erica see linear structures and outlines, but no internal detail. To cane or not to cane? ... that is the question!

VROOM and OMO assessment tools

Download the VROOM and OMO tools with brief instructions from

www.lildeverell.net/resources/vroom-and-omo-tools/

VROOM – vision related outcomes in O&M – yellow for light/vision

OMO – orientation and mobility outcomes – green for grass/walking

Jo's client (let's call him Ken)

- Middle aged gent with RP, legally blind. Reduced acuity and <10 degree fields. Glare is a big issue.
- Cataract surgery in 2019. Self- referred to resume long cane use and build confidence. Likes human guide.
- Stable, familiar environment ECS level (apartment and surrounds) using a long cane as an ID cane
- OMO: 39/50 VROOM: 24/50
 - Part A score from stable environment was doubled in lieu of dynamic observation
- A few weeks later, OMO: 37/50 VROOM 22/50.
 - Rescored VROOM Part A via interview, comparing level 3 and level 6 environments
- "I was surprised the stable+dynamic score was only a few points lower in comparison to doubling the stable environment score."

Erica

- Erica scored:
- OMO 39/50 for functional O&M skills
- VROOM 29/50 for functional vision during travel

- Freewalking on known routes
- Human guide for adventures

Interpreting OMO scores

50 Carefree?

41-49 Confident?

31-40 Capable? Both 39/50

21-30 Cautious?

11-20 Coactive?

1-10 Cared for?

o Comatose?

Interpreting VROOM scores

50	Full vision		
41- 49	Fine details - facial expressions		
31- 40	Features - can see whole objects, sor	me distinctive internal det	tails, recognise familiar people
21-30	Formwork	Ken 22/50	Erica 29/50
	 structures, forms, silhoues patchy fields – brain fills the vision becomes secondary 	he gaps creatively (Charle	s Bonnet Syndrome)
11-20	Fragments - lights, specular reflections - ambient vision: good spat		
1-10	Fifty shades of grey - light perception; can inclu	de colour	
0	Functional blindness - no light perception, or visi	ion not reliable/timely	

Recommendations

Ken's new training goals

- expanding life-space
- introduction to miniguide
- MS Soundscape GPS app to support wayfinding and orientation

Erica - business as usual

- no aid for familiar routes
- human guide for adventures

OMO Orientation & Mol Part A: Observed Travel Client: Gica Tal Assessor: Date: 1216 2020 S Daylight: bright/sunny Mode: Observation or	tarting time: grey/dusk dark/night	Stable, familiar conditions; no hurry e.g., home, local block Venue/s: Highest ECS: 1 2 3 4 5 6 Aids: NA SG D LC SC ID PC MWC Sc MG GPS Ph Other:	Dynamic conditions; timeliness needed e.g., road crossings, shops, crowds Venue/s:
SCORING 3 = Elite skills Graceful, fluent, safe &	Getting your bearings Where am I? Which way do I go?	Kdoesn't get 1052	USES NSEW X
effective in most places 2 = Competent skills Safe & effective, but not always graceful & fluent	Checking groundplane What's underfoot? Is it safe to step out?	2/3	Hesitates. Has to hold on to go on adventire walks
1 = Basic skills Limited effective skills; needing consolidation 0 = Beginner skills Unsafe/inadequate for the	Wayfinding Is this the path? Is anything in the way?	Uses co-trad doorfrom 3/3	approading glan doops
context	Recognising moving parts Is there traffic? Who is around? Do I seek or avoid them?	there. Can't tell who	"Like playing chiden on theroad"
	Finding things What am I looking for? How do I find it?	Memory. Eats with finges 2	of if familia Hittmiss /3

ECS=0&M Environmental Complexity Scale: 1=uninhabited level; 2=uninhabited steps obstacles; 3=pedestrian-paced clear; 4=pedestrian-paced crowded; 5=traffic controlled; 6=traffic uncontrolled. Aids: NA=No aid; SG=sighted guide; dog=dog guide; LC=long cane; SC=support cane; ID=identification cane; PC=power chair; MWC=manual wheelchair; Sc=motorised mobility scooter; MG=miniguide; GPS=global positioning system (e.g. Trekker Breeze); Ph=phone

OMO Part B Wellbeing	Score according to discussion about skills, attitudes and activities within the past month	Comments & Score
Activities (engagement)	 0 I find activities overwhelming or boring 1 My mix of activities is not quite right, but I don't know how to fix it, or I'm not yet ready for change 2 I like some of my activities, but I'm ready for new directions 3 I'm satisfied with my current mix of activities 4 I find my mix of activities interesting and enriching 	Confident 4/4
Connections	0 I am isolated and lonely much of the time; it is hard to connect with others 1 People do things for me, but I have little to offer 2 I know where to go to find people; I link in with people or groups sometimes 3 I meet with people regularly; I feel welcome and included 4 I have mutual friendships; we're there for each other; I contribute	about 4
Life-space	0 I'm house-bound; I rarely go beyond the front gate 1 I do routine travel, only in well-known local areas (e.g., home block, local shops) 2 I explore in my local community; I like to try different routes 3 I travel to known places beyond the local community (e.g. work, school, visiting friends) 4 I like to explore beyond the local community, discovering new places	over of the 4
Orientation	O Even at home, I get disorientated; I have trouble understanding shapes, angles and distances 1 I can find the way at home by myself; beyond home, I need a companion or I get lost 2 I travel alone beyond home; if I get anxious or lost, I rely on help from other people 3 I travel alone beyond home; if I get anxious or lost, I can usually work it out by myself 4 can go anywhere independently; I use mental mapping and I don't really get lost	5+pp. 4/4
Self- determination	O My travel is managed by other people; I don't make the decisions I need travel restrictions – I'm not always aware of what's safe and what is not I'm aware of my own limitations, but I limit my travel rather than learning new skills I'm aware of my own limitations; I plan ahead; I get information and help with my travel skills I'm in charge; I evaluate my travel and learn from experience as I go; I develop my own skills	7/4
Comments Bric use grandple	s SG for bishland adventis to ne incertainty Part A: 1/30 Part B:	20 _{/20} Total Score: 39/50

VROOM: Vision-Related Outcomes in O&M Part A: Observed Travel		Stable, familiar conditions; no hurry e.g., home, local block	Dynamic conditions; timeliness needed e.g., road crossings, shops, crowds
Client: Client: Assessor: Lal Date: 12 6 2020 Start Daylight: bright/sunny green Mode: Observed Interview	ing time: y/dusk dark/night	Venue/s:	Venue/s:
SCORING 3 = Vision is primary Looks without hesitation; no	Getting your bearings Where am I? Which way do I go?	*3,3	* 2/3
touch or aid is needed to confirm vision 2 = Vision needs back-up Rely on vision; some hesitation;	Checking groundplane What's underfoot? Is it safe to step out?	2/3	guenes where the footpark
use non-visual strategies to confirm 1 = Vision is secondary Rely on non-visual strategies; vision is sometimes useful	Wayfinding Is this the path? Is anything in the way?	2/3	2/3
0 = Vision is useless Use non-visual strategies	Recognising moving parts Is there traffic? Who is around? Do I seek or avoid them?	2/3	guentgo!
	Finding things What am I looking for? How do I find it?	Uses memory, habite Chome //	Colour Notes

ECS=O&M Environmental Complexity Scale: 1=uninhabited level; 2=uninhabited steps obstacles;3=pedestrian-paced clear; 4=pedestrian-paced crowded; 5=traffic controlled; 6=traffic uncontrolled. Aids: NA=No aid; SG=sighted guide; dog=dog guide; LC=long cane; SC=support cane; ID=identification cane; PC=power chair; MWC=manual wheelchair; Sc=motorised mobility scooter; MG=miniguide; GPS=global positioning system (e.g. Trekker Breeze); Ph=phone

VROOM Part B Wellbeing	Score together from observations and discussion about activities within the past month	Comments & Score
Ponding	O I have no useful vision for recognising objects or reading text I If I'm close enough, I can identify large signs (eg, STOP) by text, size, shape, or colour	Wow arksh
Reading (acuity)		was all allows
acuity)	2 I can sometimes see a favourite toy, or read signs, or vehicle number plates	VISO
	3 I can distinguish between products, looking at text or packaging (eg, shampoo/conditioner)	
	4 I can identify tiny things (eg, Lego blocks) or read regular print (eg, letters, N12)	/4
/isual certainty	0 My vision is never useful when I'm moving around; too little, too late	V Vacil
reliability)	1 I can't rely on my vision when I'm doing things	Vary Sign
	2 My vision causes hesitation; it undermines my confidence when I'm moving	1640 (1510 S
	3)My vision has its limitations, but I know how to work with it	1 (3
	4 My vision is reliable for travel; I don't have to think about it much	14
	0 I use non-visual skills (guide/cane/dog) beyond home – my vision is useless	No aid to go to/
Mobility aids	1 I rely on my guide/cane/dog beyond home – vision provides some extra information	Com work - Level &
beyond home)	2 use a guide, cane or dog with my low vision – the need can vary in different conditions	even in the
seyona nome,	3 I can go without, but a mobility aid gives confidence, relieves fatigue, expands my options	even
	4 My vision is good enough for travel – I don't need a mobility aid	dark 1/4
THE RESERVE OF THE PERSON OF T	O I can't see people's shapes or movement; or see if a conversation partner moves away	
	1 I can see a body moving past, but I can't tell who it is; I sometimes collide	
People	2 I can recognise people by their shape, colours, size or gait; I usually avoid collisions	
	3 I can see faces, but not details; I do miss some social cues	7
	4 I can recognise faces, read facial expressions and social cues	/4
	0 My vision is un-motivating; it rarely or never prompts a closer look	
	1 My vision is frustrating, often more trouble than it is worth	
Pleasure	2 My vision is useful for some things, but not for others	
	3. I can see interesting things; it is usually worth the time it takes to look	4
		/4
Comments Frica is v	isvally confident - Ambient vision from e ills mental mapping + visuel fragments.	excellent
opahal sk	ills mental mapping + visual fragments. 17/30 Part	B: 12/20 Total Score: /50

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Thanks Jo and Ken! and Erica

Erica Tandori has created a fabulous collection of art works - stills and animations - showing the impact of her central vision loss on everyday activities. Check out

http://www.ericatandori.com/

Contacts / Resources

Christian's echolocation skills are featured in the middle of this program online

https://www.abc.net.au/catalyst/echolocation/11016442

VROOM and OMO tools

www.lildeverell.net/resources/vroom-and-omo-tools/

Links and PowerPoint slides for RO&Ming with Lil

www.lildeverell.net/resources/roaming-with-lil/

• To discuss VROOM and OMO, offer feedback, suggest a topic, or record an episode together:

Email: <u>lil@deverell.net</u>

Mobile: +61 418 370 312

Credits

- Music
 - Happy Stroll, a royalty-free download from Purple Planet Music
- Graphics created by Lil Deverell with
 - PhotoShop lessons and technotherapy from Erin Deverell
 - Photos from
 - An amateur drone photographer from Cornwall, flying over a spaghetti junction in Birmingham (royalty-free)
 - Christine Darwood, a wildlife spotter in the ACT who snapped our sprightly echidna crossing the road (used with permission)
 - Rob Keating, a Canberra-based photographer, who found a weathered wombat crossing the road (purchased from https://keatingmedia.com.au)