2024 ROSE STUDY - GENERAL SCORING SHEET
Glasses: N / Y:
Corrected visual acuity (x/20):
Double Vision: N / Y: Horizontal/Vertical
Eye Pathology:

Participant #:

Date & Time:

*Note: ☻ = VAS for symptoms

1) Observations

All within normal limits ☐

Head tilt/turn	☐ Small (<10 degrees)	☐ Large (>10 degrees)
Head Tremor	☐ Small	☐ Large
Slow light reflex (PERRLA), or asymmetry ☐	No light reflex (PERRLA) (L) ☐	(R) ☐
Mild ptosis/retraction/lid fasciculation	(L) ☐	(R) ☐
Severe ptosis/retraction/lid fasciculation	(L) ☐	(R) ☐

Additional Notes

Right Eye Left Eye



Symptoms Rating in the last 24hrs:

Dizziness Nausea Headache

Fogginess Eye pain

Other: ☻

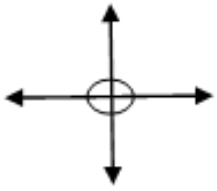
2) Smooth Pursuits + Vergence

Smooth Pursuits

		Horizontal	Vertical
Movement Quality *Small amplitude: ~2-5mm* *Large amplitude: >5mm*	No jerkiness/ catch-up saccades **OR** less than 2 saccades	0	0
	Small amplitude **OR** 3-5 saccades	1	1
	Large amplitude **OR** >5 saccades	2	2

		Horizontal	Vertical	Vergence
Symmetry of eye movements	Symmetrical	0	0	0
	Minor asymmetry	1	1	1
	Major asymmetry	2	2	2

Mark the location of the saccade(s) during smooth pursuits (i.e., Horizontal, Vertical or Vergence)



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Vergence							
Trial 1		Trial 2		Trial 3		Longest Distance	
NPC	Recovery	NPC	Recovery	NPC	Recovery	NPC	Recovery Δ
cm	cm	cm	cm	cm	cm	cm	cm

NPC Score	≤ 5.0cm of the nasion	0
	>5.0cm & <10cm of the nasion	1
	≥10cm of the nasion	2
Recovery Δ	≤ 7.0cm	0
	>7.0 & <12 cm	1
	≥12 cm	2
	Smooth pursuit + Vergence Total Score	**/14**
	Blink of the eyes	(Y) ☐ (N) ☐

Notes:

3) Saccades

	# of saccades:	Horizontal #:	Vertical #:	Vergence
Number of Saccadic Cycles *(there & back = 1 cycle)*	>7	0	0	0
	4-7	1	1	1
	<4	2	2	2

		Horizontal	Vertical
Accuracy	Accurate	0	0
	Mild under/overshoot	1	1
	Severe under/overshoot	2	2

		Horizontal	Vertical	Vergence
Symmetry of mvts	Symmetrical	0	0	0
	Mild asymmetry	1	1	1
	Severe asymmetry	2	2	2

Saccades Total Score	**/16**
Blink of the eyes	(Y) ☐ (N) ☐

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4) Gaze Fixation + Cover Tests

Fixation in 8 Gaze Directions

		L	R
Fixation	Stable fixation in 8 gaze directions. No signs of gaze induced nystagmus or drift. Able to maintain fixation in end of range gaze position for ≥ 4s.	0	0
	Gaze induced nystagmus and/or drift observed in 1 direction.	1	1
	Gaze induced nystagmus and/or drift observed in >1 directions or not end of range	2	2

Notes:

Neglect: (Y) □ (N) □



Eye Cover Test

		Left	Right
Eye Movement *Score the eye that is* ***uncovered***	Uncovered eye remains on target (i.e., no correction)	0	0
	Uncovered eye moves outwards inwards	1	1
	Uncovered eye moves upwards downwards	2	2

Alternate Cover-Uncover Test

		Left	Right
Direction of Deviation	Eyes remain on the target	0	0
	Uncovered eye moves **mainly** □ outwards □ inwards	1	1
	Uncovered eye moves □ upwards □ downwards	2	2
	Total Gaze Fixation + Cover Tests Score	**/12**	
	Blink of the eyes	(Y) □	(N) □

Notes:



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5) cVOR + VOR		
VOR Cancellation (cVOR)		
cVOR *Mild: Deviation easily corrected* *Severe: Consistent missing of target*	Eyes remain on the target	0
	Mild corrective saccades (under/overshoot)	1
	Severe corrective saccades (under/overshoot)	2

Vestibular-ocular reflex (VOR)			
VOR		Horizontal	Vertical
	Stable target	0	0
	Blurry or jumping target	1	1
	Inability to see target (E)	2	2
	Total VOR + cVOR Score	**/6**	
	Blink of the eyes	(Y) ☐	(N) ☐

Notes:

TOTAL

Test Item	Score	VAS	What is/are the most provocative
Baseline		/10	
Smooth Pursuits + Vergence	/14	/10	
Saccades	/16	/10	
Gaze Fixation + Cover Tests	/12	/10	
cVOR +VOR Score	/6	/10	
Blink of the eyes *≤ 1 (Y) = 0 *≥ 2 (Y) = 1 *≥ 4 (Y) = 2	/2		
Total Score	**/50**	**/50**	
Total Score without Vergence *Calculate only if patient sees double	**/46**		