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**INCIDENCE**

- **visual field loss** - up to 52%
- central **visual problems** - up to 70%
- **eye movement disorders** - up to 68%
- **visual perceptual disorders** (inclusive of **visual inattention**) - up to 80%

Rossi, F. J., Hayward, L. R., Howard, C., Harris, K. L., Cheema, C. P., & Gunn, J. (2015). High incidence and prevalence of visual problems after acute stroke: An epidemiology study with implications for service delivery. *PLoS one*, 14(2), e0120035. <https://doi.org/10.1371/journal.pone.0120035>

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**FUNCTIONAL AFFECTS OF VISUAL IMPAIRMENT**

- Increased risk of falls
- loss of confidence
- fear of falling
- fear of going out alone
- social isolation
- loss of independence
- Decreased quality of life

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### WHAT WE MAY SEE FUNCTIONALLY

- Holds head tilted or turns head
- Eyes are misaligned
- Closing one eye
- Nystagmus
- Holding reading materials far away or in strange positions
- Complaint of objects "moving" or appearing distorted
- Complaints of walls or floors being "wavy"
- Wearing sunglasses in the building
- Headaches
- Difficulty with reading

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### QUESTIONS TO ASK ON EVAL

- Do you wear glasses or contacts to see at a distance or to read?
- Do you wear a bifocal?
- Do you have your glasses with you?
- When was the last time you saw an eye doctor?
- Have you ever had any issues with your vision or eyes?
- Do you ever see double?
- When you read do you ever notice you are skipping lines or words? Does the text ever look like its "vibrating"?
- Do you ever feel Dizzy?



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### VISUAL SEQUELAE

Eye health issues:	Ptosis Dry eye syndrome Pupil abnormalities (light sensitivity issues)
Peripheral vision awareness:	Visual field cuts Unilateral spatial inattention

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**VISUAL FIELD DEFICITS**

- Due to a lesion in the visual pathways
  - From optic nerve to visual cortex
- Types of visual field deficits
  - Hemianopsia
    - Loss of vision in half of the visual field in both eyes
  - Homonymous Hemianopsia
    - Loss of half the visual field on the same side in both eyes
  - Heteronymous Hemianopsia
    - Loss of the visual field on different sides of both eyes
  - Quadrantopsia
    - Loss of visual field in one quadrant of one or both eyes

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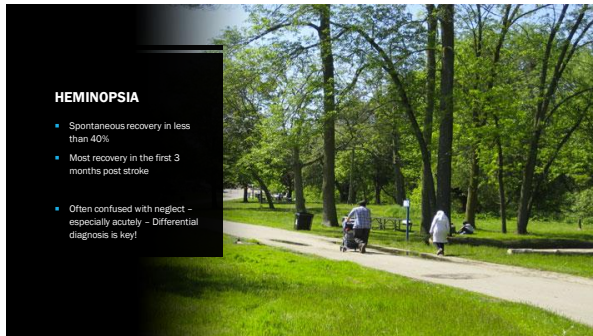
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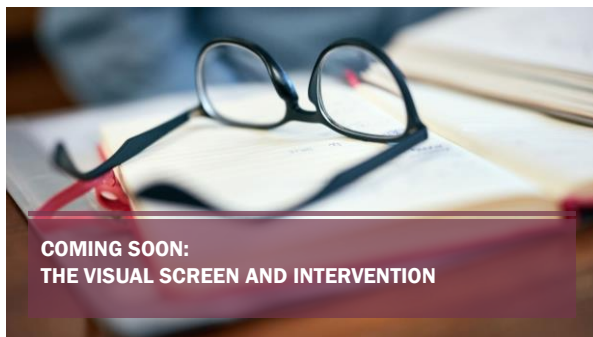
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