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**Queensland Eye Institute &
Prevent Blindness Foundation**

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Visual Fields / Computerised Perimetry



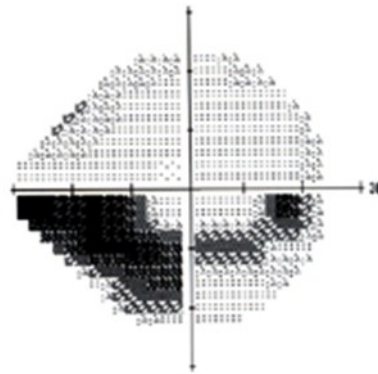
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VISUAL FIELDS / COMPUTERISED PERIMETRY

Your field of vision can be accurately mapped with an automated process called “computerised perimetry”. Your visual field may be damaged in glaucoma, trauma or neurological diseases. When combined with imaging data from HRT and OCT, computerised perimetry creates an extremely accurate picture of the health of the optic nerve and can detect any changes early so that treatment can be started or changed if required.

In the visual field test you look at one central spot in a large white hemisphere and click a button every time you see a light in your peripheral vision. The visual field machine uses numerous techniques to ensure that it measures the most accurate visual field possible. It will try to “trick” you into either clicking or not clicking the button incorrectly to assess how you perform the test.



Loss of peripheral vision in glaucoma

Tips for getting accurate perimetry

- Make sure you are comfortable before you start.
- Don't look at the light – look straight ahead so that the light is in your peripheral vision as this is what we are testing.
- Only press the button when you see the light, if you aren't sure, don't press the button. The machine will check to see that you aren't “trigger happy”
- Stay alert and concentrate.
- Keep your eyes comfortably open, don't fall asleep!

