


The Moorfields Motion Displacement Test (MDT)

Please go to: www.moorfieldsmdt.co.uk for further information, including further reading.

Details on how to register your interest and to be contacted when this new technology becomes available can also be obtained from this website.

Overall winner of the MRC translational
research innovation award
Medical Futures Awards 2008



Moorfields Eye Hospital
NHS Foundation Trust 

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What is the Moorfields MDT?

- A new visual field test in development for detecting glaucoma
- Short test time: approx. 90 seconds
- Entirely portable, with collapsible chin rest
- Used on a laptop computer

What does the test involve?

- 32 line stimuli are presented simultaneously to the subject
 - Each is scaled for age and eccentricity
 - Each moves horizontally in random order



Is the test easy to perform?

- Very easy
- Each subject:
 - Looks steadily at the central point
 - Left clicks the mouse upon perceiving movement in the stimuli
- Sensitivity of test location measured by the smallest perceived movement (minutes of arc)

Is the graphic output easy to interpret?

- Very easy
- Key features
 - Pass/fail plot
 - Probability map
 - Classic grey scale
 - **Structure/function relationship**

