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.

## The Moorfields **Motion Displacement** Test (MDT)

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













NHS Foundation Trust



#### 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

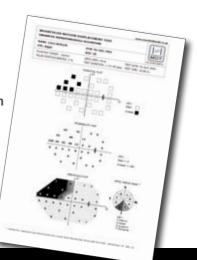


### Is the test easy to perform?

- 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



Moving Glaucoma Detection into 21st Century www.moorfieldsmdt.co.uk

