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Research tests night vision in contact lens wearers

30.03.2011



Posted by Adrian Galbreth

A new device has been developed which allows the testing of fluctuations in night vision.

Studying a wide range of people, including [contact lens](#) wearers and cataract patients as well as those with perfect sight, the University of Granada scientists have created the Halometer, a screen that helps

detect how humans adapt to low light.

Subjects have to look at a bright object in the centre of the dark screen and press a mouse button every time they register a peripheral stimulus, which is controlled by the researchers.

"Once the test ends, the software makes an estimation of a parameter named 'visual disturbance index' that, together with the results graphic, determines the type and intensity of visual disturbance," the study said.

The Jackson Laboratory in Maine, US, working with scientists at Brigham and Women's Hospital and Harvard Medical School in Boston, recently found that ribonucleic acid granules help eye development.

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