

ABSTRACT

SYSTEM AND METHOD FOR THE RAPID MEASUREMENT OF THE VISUAL CONTRAST SENSITIVITY FUNCTION

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A computer, a high resolution monitor and a patient interface is utilized to implement a visual contrast sensitivity function measurement test. More specifically, a computerized video system is configured to implement a tilted-grating forced choice
10 contrast sensitivity function test. The invention utilizes known measurement methods for the visual contrast sensitivity function and automates their use by computerizing the system and couples it with a patient-interactive user interface in order to produce an accurate quantitative result.

Figure 1A