

The design of grating acuity tests for infants

University of Birmingham - Grating Acuity Tests



Description: -

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Acuity card procedures and the linearity of grating resolution development during the first year of human infants

Find the value of the threshold distance on the X-axis e. This type of test cannot be used in examining infants and children with multiple impairments.

Interobserver agreement for measurement of grating acuity and interocular acuity differences with the teller acuity card procedure

Copyright Ó 2014 by the American Association for Pediatric Ophthalmology and Strabismus. When grating is printed on a surface, it can be defined also as the number of cycles per centimetre of surface.

LEA Grating Acuity Test

Used in conjunction with standard clinical examination techniques, the LEA GRATINGS test provides an easy way to monitor development of visual function in infants. Visual acuity assessment from birth to three years using the acuity card procedure: cross-section and longitudinal samples. These results have stimulated researchers to compare the development of visual functions in the central and peripheral regions of the visual field.

Acuity card procedures and the linearity of grating resolution development during the first year of human infants

Parents provided written informed consent and children provided written assent prior to testing. The handle allows the tester to hold the test easily. A two-alternative forced-choice preferential looking procedure was used in monocular and binocular condition.

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