



Cognitive Vision Tests

Vision Assessment Products



LEA Puzzle

The LEA Puzzle is designed for training and assessing typically developing toddlers and other young children. The puzzle also serves as an assessment tool for individuals with brain damage, or for older children and adults with low cognitive abilities.

The goal in the play training of toddlers and young children is to help them develop the concept of same/different as a prerequisite for early measurement of visual acuity. Includes instructions and the booklet: *Assessing Vision Development Through Pictures and Shapes*. Tray is 6.75" x 6.75" (17.2 cm x 17.2 cm). The 4 symbol puzzle pieces are approximately 2" x 2" (5.1 cm x 5.1 cm) each.

251600



Heidi Expressions

Some children with visual impairments may achieve near normal results in routine vision tests (large visual field and normal or near normal visual acuity), but cannot interpret facial expressions or recognize people's faces. The Heidi Expressions test game improves early evaluation of vision for communication. Faces are at 3 contrast levels: black, 10%, and 2.5%. 54 cards per set. Cards are 4" x 4" (10.16 cm x 10.16 cm).

254500



LEA Grating Paddles

For infants, visual acuity is measured with grating acuity tests. This is a detection test for preferential looking situations. The handle on each paddle allows the tester to easily administer the test. Grating levels printed on each handle are: 0.25, 0.5, 1.0, 2.0, 4.0, and 8.0 cpcm (cycles per centimeter of surface). Includes instructions and storage case. Four paddles printed on both sides. Paddles have 8" (20.3 cm) diameter.

253300



Teller Acuity Cards™ II

The Teller Acuity Cards™ II can rapidly and reliably test visual acuity in infants and nonverbal patients, using preferential looking. Cards are digitally printed to increase accuracy and laminated to enhance durability.

The Teller Acuity Cards™ II comes as a Full Set with 17 cards or a Half Set with 8 cards. The chart to the right describes the cards contained in each set.

730013 Full Set

730014 Half Set



Hiding Heidi Low Contrast Face Test

Visual communication is the most important communication method during the first year of life. The ability to detect objects of low contrast is an important component of the visual system. For example, facial expressions are mediated by faint shadows and changes in the contours of the mouth and eyes. Determining the levels of contrast that an infant can detect helps provide baseline data for evaluating future changes. For example, deviations from usual behavior may indicate disorders that leave vision at high-contrast levels unaffected.

Four cards printed on both sides in the following contrast levels: black, 25%, 10%, 5%, 2.5%, and 1.25%. Cards are 9" x 9" (23 cm x 23 cm). Includes instructions.

253500

CY/CM	Full Set	Half Set
38	X	
26	X	X
19	X	
13	X	X
9.8	X	
6.5	X	X
4.8	X	
3.2	X	X
2.4	X	
1.6	X	X
1.3	X	
0.86	X	X
0.64	X	
0.43	X	X
0.32	X	
0.23	X	X
Blank	X	