



# Department of Veterans Affairs

## Bay Pines VA Medical Center

Depth Perception Testing  
RANDOT Stereotests

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Circles

(With Random Dot Ground)

This multiple-choice series tests fine depth discrimination. Within each of ten targets are three circles. Only one of the circles has crossed disparity, which when seen binocularly, should appear to stand forward from the other two. Ask which one seems to float forward or appears "different" from the others - Left, Middle or Right. Always assist the child by running your finger across all three circles and then have him/her point to the one selected.

#### SCORING: Refer to the chart.

1. Record the level of stereopsis of the last one chosen correctly.
2. If one is missed, go back and test the preceding line again to determine whether subject can achieve this or is just guessing.

SCORING	KEY	Seconds of Arc at 16 in.
1	L	400
2	R	200
3	L	140
4	M	100
5	R	70
6	M	50
7	L	40
8	R	30
9	M	25
10	R	20

The suppression check is useful in analyzing the visual balance of the two eyes. The Right Eye sees the "R" and a vertical line. The Left Eye sees the "L" and a horizontal line, which in normal binocular vision combines with the vertical line to form a cross.

The relative stability of these can give clues of eye dominance, and of course gross fading or absence indicates a failure of that eye to function properly under binocular conditions. A change manifest in the appearance of the forms when covering the opposite eye may help to indicate the nature and degree of malfusion present.

**Note: Please store your Stereo Tests in a cool, dry place when not in use. High heat and humidity may cause fading.**

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Name of Examiner