**BASIC VISUAL FUNCTION ASSESSMENT**

Client: _____________________________ Examiner: _____________________________

Date: ___________________ Diagnosis: _____________________________ Glasses: yes no Bifocal: yes no

Additional Comments: (note sensitivity and adaptation to light, ability to see colors, presence of phantom vision)

<table>
<thead>
<tr>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PUPILLARY FUNCTION**

**APPEARANCE** (observe pupil size and symmetry as client fixates distant target)

Right eye

<table>
<thead>
<tr>
<th>Pupil Gauge</th>
<th>normal</th>
<th>constricted</th>
<th>dilated</th>
</tr>
</thead>
</table>

Left eye

<table>
<thead>
<tr>
<th>Pupil Gauge</th>
<th>normal</th>
<th>constricted</th>
<th>dilated</th>
</tr>
</thead>
</table>

Comments:

**RESPONSIVENESS TO LIGHT STIMULATION** Shine penlight into eye for 2 seconds as client fixates distant target; observe response of both pupils. Normal response is in italics.

Light Stimulation to Right Eye:

<table>
<thead>
<tr>
<th>Right eye</th>
<th>Left eye</th>
</tr>
</thead>
<tbody>
<tr>
<td>constricts quickly</td>
<td>constricts quickly</td>
</tr>
<tr>
<td>remains constricted</td>
<td>remains constricted</td>
</tr>
<tr>
<td>constricts sluggishly</td>
<td>constricts sluggishly</td>
</tr>
<tr>
<td>begins to dilate</td>
<td>begins to dilate</td>
</tr>
<tr>
<td>does not constrict</td>
<td>does not constrict</td>
</tr>
</tbody>
</table>

Light Stimulation to Left Eye:

<table>
<thead>
<tr>
<th>Right eye</th>
<th>Left eye</th>
</tr>
</thead>
<tbody>
<tr>
<td>constricts quickly</td>
<td>constricts quickly</td>
</tr>
<tr>
<td>remains constricted</td>
<td>remains constricted</td>
</tr>
<tr>
<td>constricts sluggishly</td>
<td>constricts sluggishly</td>
</tr>
<tr>
<td>begins to dilate</td>
<td>begins to dilate</td>
</tr>
<tr>
<td>does not constrict</td>
<td>does not constrict</td>
</tr>
</tbody>
</table>

Comments:
**PUPILLARY RESPONSE TO ACCOMMODATION** Observe pupil response as client shifts fixation between distant and near target.

- [ ] pupil(s) constrict with accommodation
- [ ] pupil(s) do not constrict with accommodation

Comments:

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**EYE DOMINANCE**

Instruct the client to view the flower design through the card with the 8mm hole; observe which eye the client uses to view the design through the hole.

- [ ] right eye used to view the flower design
- [ ] left eye used to view the flower design

Comments:

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**ACUITY**

**INTERMEDIATE DISTANCE** Instruct the client to identify numbers on the Intermediate Distance Chart at a distance of 1 meter.

<table>
<thead>
<tr>
<th>Right eye (OD):</th>
<th>Left eye (OS):</th>
<th>Eyes together (OU):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snellen 20/</td>
<td>Snellen 20/</td>
<td>Snellen 20/</td>
</tr>
<tr>
<td>Metric 1/</td>
<td>Metric 1/</td>
<td>Metric 1/</td>
</tr>
</tbody>
</table>

Comments:

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**READING ACUITY** Instruct the client to read the sentences on the Warren text card at a distance of 40cm/16 inches.

- Eyes together: Snellen 20/  Diopters needed: 

Errors made when reading:

- [ ] omits letters/words on R L side
- [ ] views text out of corner of eye
- [ ] difficulty reading larger text; easier on smaller text
- [ ] print swirls; is distorted

Comments:
CONTRAST SENSITIVITY FUNCTION

Instruct the client to read the first number of each row on the Lea Numbers Screener at a distance of 40 cm using both eyes together. Check the box on the last line the client can accurately identify the first number.

- **The client does not see any of the numbers.** Contrast sensitivity function is extremely limited and enhancement of contrast is needed for the client to function. The client may require assistance to ambulate safely in environments. Ability to resume driving is highly questionable and should be carefully evaluated.

- **The client recognizes numbers only at the 25% level.** Enhancement of contrast is needed for the client to function safely and independently. The client may require assistance to ambulate safely in environments. Driving performance should be carefully evaluated especially with regards to night driving and driving in cloudy conditions.

- **The client recognizes numbers to the 10% level.** The client likely will have difficulty detecting subtle changes in the support surface, reading materials printed in low contrast formats, seeing black and white photographs, facial features, water, and other low contrast materials. Magnification and increased illumination may assist the client to recognize low contrast features. Driving performance should be carefully evaluated especially with regards to night driving and driving in cloudy conditions.

- **The client recognizes numbers to the 5-2.5% level.** The client likely will have difficulty seeing facial expressions and recognizing friends across the street. He or she may have difficulty detecting curbs and other low contrast drop offs. Increased illumination may assist the client to recognize low contrast features and modification of the environment to increase the contrast of important environmental features is recommended.

**Comments:**

**VISUAL FIELD**

**AMERICAN ACADEMY OF OPHTHALMOLOGY RED DOT TEST** Present the red dot targets simultaneously in the areas designated by the letters A, B, C, D, E. Ask the client if 1 or 2 dots are seen. Mark the form with a + if the target is seen, a - if the target is not seen and a D if the target is seen but appears diminished in color. Client fixates examiners eye during the test.

![Red Dot Targets Diagram]

**Comments:**

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**KINETIC TWO PERSON CONFRONTATION TEST** Instruct the client to indicate when the penlight is seen as it is moved from behind the client by the rear examiner. Mark the form with a `x` where the target was first seen. The client fixates a target held by the front examiner during the test. Shaded areas indicate the boundaries of the normal visual field.

### HORIZONTAL VISUAL FIELD

- **Left Visual Field**
  - Nose
  - Ear
  - Top of head
  - Testing Arc Left Eye

- **Right Visual Field**
  - Nose
  - Ear
  - Top of head
  - Testing Arc Right Eye

### VERTICAL VISUAL FIELD

- **Superior Visual Field**
  - Nose
  - Ear
  - 60°

- **Inferior Visual Field**
  - Nose
  - Ear
  - 75°

### Comments:

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