

## **VHW VISION SCREENING AND INTERVENTION**

### **Materials needed:**

#### **Screening**

- E-chart (convert feet to meters if appropriate)**
- Duct tape to hang chart**
- Measuring tape**
- Pointer stick**
- Bible if appropriate or another book in common usage**
- Sewing needle and thread**
- Collection of small beans and stones**

#### **Intervention**

- Reading glasses of varying strengths. (In Kisoro Elders we use +1.75, +2.00, and +2.50)**

### **SCRIPT**

- 1) Introduce yourself and explain the purpose of this screening session:**
  - a) Part of Kisoro Elders Project**
  - b) Today we will be screening for far vision and near vision problems**
  - c) If you have a serious far vision problem, an eye doctor will do further testing at a later time in your village or at the hospital**
  - d) If you have a near vision problem, we will give you a pair of glasses that will help you with reading, sewing, food preparation**
  
- 2) Prepare for testing:**
  - a) Hang the E chart at eye level, or have a helper hold it**
  - b) Measure 20 feet with tape measure and mark a line on the ground**
  - c) Demonstrate how to cover the eye not being tested (don't press, let the eye that has been covered recover for a minute before being tested)**
  - d) Demonstrate how to point which way the E is pointing**
  - e) Explain alternating woman and man. Tell those watching not to give the answer**

**3) E chart testing:**

- a) Point under the E with a stick**
- b) Start with the top line (6/60), keep going down until the person cannot give the correct answer to at least half of the E's on that line. Then report the number (6/15, 6/9) for the line above.**
- c) Record the results for the right (R) and left (L) eyes**

**4) Near vision testing**

- a) Have equipment: Bible or book, needle and thread, beans mixed with stones**
- b) If the person knows how to read, give them the Bible. If they have difficulty reading it, or hold it farther away to make it clearer, try the three strengths of reading glasses (1.75, 2.00, 2.50) to see which one helps the most.**
- c) If the person cannot read, but has had difficulty with other near vision tasks like threading a needle, cutting nails, or food preparation, have them try the 3 strengths of glasses to thread a needle or sort beans**

**5) Teach**

- a) Use the glasses only for near vision. Do not wear when walking.**
- b) Keep clean with soap and water, dry with a soft cloth.**

**6) Record the results on the flow sheet**

- Y/N if the person has a far or near vision problem**
- Results of E chart testing in each eye**
- Note if person should be referred to Eye Clinic**
- Y/N if near vision glasses helped, which strength, and for which task (reading, sewing, sorting)**

**7) Follow up visit within 4 weeks. Record:**

- a) Whether using glasses (Yes/No)**
- b) If they are helping (Yes/No)**
- c) What they are helping for (reading, sewing, nail cutting, food preparation, other)**