I. Workshop Introduction

A. Overview: hands on experience for low vision practitioners with the latest hardware and software solutions for Low Vision and blind patients. Low Vision Technology / Accessibility Vendors will provide workshop attendees an opportunity to work with these solutions.

B. Goals for workshop

1. To give practitioners some basic skills to allow them to demonstrate the products

2. To allow practitioners to assist patients in the selection and early experience with the products under consideration

3. To give practitioners a realistic view of the benefits these products can offer our patients.

C. Participants divided up into 5 groups of five and rotate to each workstation

Station 1: Humanware Prodigii and Trekker Breeze – Demonstrated and distributed by Humanware.

A video, a User Manual and a Quick start guide are available to download at:
http://www.humanware.com/microsite/prodigi/


Station 2: OrCam – Demonstrated and manufactured by OrCam
Manuals and training information are available at: http://www.orcam.com/

Station 3: Abisee Eye-Pal Ace and Rol – Demonstrated and Manufactured by ABiSee
User information is available at:

Station 4: Text Detective, Magnific, Sight on Call, and New Products in Development by Blindsight Corporation. www.blindsight.com

Station 5: iPad Training Tips – (Time Permitting) Is the iPad (or similar tablets) the future of low vision print access and internet communications? Dr's O'Connell and Fischer will relate training tips and current uses of this ubiquitous device. Station 5 may also be used for any cutting edge developments in Low Vision Technology that merits attendees attention

II. Hands on demonstrations (15 to 20 min each station)

Station 1: A new type of CCTV incorporating an Android Pad with enlargement software, and with speech support

GPS Orientation and mobility instrumentation for use by the blind and visually impaired

Station 1: Humanware Prodigi and Trekker Breeze – Demonstrated and distributed by Humanware. A video, a User Manual and a Quick start guide are available to download at: http://www.humanware.com/microsite/prodigi/


1. Patient selection (who this device is for)
2. Training requirements (amount of time, etc.)
3. Screen magnification options
   a. Other features
4. Speech output options
   a. Changing voices, adjusting reading speed, etc.

Station 2: OrCam – Demonstrated and manufactured by OrCam Manuals and training information are available at: http://www.orcam.com/
1. How it works: Optical Character Recognition from a Photo (jpeg)

2. Using the device: patient training
   a. Product features and capabilities
   b. Basic controls of the device
   c. Capturing an image, converting to text, accessing files
   d. Speech output: adjusting reading speed, voices, etc.
   e. Use of device for traffic signals.
   f. Limitations of device

**Station 3:** Portable technology for accessing printed material, books and publications
AbiSee Eye-Pal ACE and ROL – Demonstrated and Manufactured by ABiSee
User information is available at:

1. Product features and capabilities
2. Basic controls of the device
3. Requirements for patient training
4. Issues with newspapers and publications
5. Listening to audio books and publications
   a. Saving Scanned files
   b. Pausing, bookmarking, etc.

**Station 4:** Tablet Computer and iPhone screen reader software (total speech output without screen magnification) Text Detective, Magnific, Sight on Call, and New Products in Development by Blindsight Corporation. http://www.blindsight.com
1. Patient selection (who this software is for)

2. Training requirements
   a. Understanding the Windows environment when you can’t see it
   b. Time required to learn software

3. Setting software preferences
   a. Adjusting reading speed
   b. Voice output options
   c. Internet options
   d. Other options

4. Using software in conjunction with other programs

Station 5: iPad Training Tips – (Time Permitting) Is the iPad (or similar tablets) the future of low vision print access and internet communications? Dr’s O’Connell and Fischer will relate training tips and current uses of this ubiquitous device. Station 5 may also be used for any cutting edge developments in Low Vision Technology that surfaces prior to the meeting that merits attendees attention.

1. Patient selection (who this device is for)

2. Training requirements (amount of time, etc.)

3. Purpose / Capabilities of the device:

4. Product features

5. Basic controls of the device

6. Using the device

(Note: the above vendors were asked to participate at the time of course submission and have agreed. If any are unable to attend, comparable products will be obtained through other vendors to permit hands-on demonstrations in each of the 5 categories.)