



2022 HELIX Conference November 15, 2022 The Learning Media Assessment for Students with Cortical Visual Impairment (CVI)

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Perkins-Roman CVI Range Endorsed

Prior To (and During) Completion of the LMA

- A. Complete the Functional Vision Evaluation – Assessment helps to guide us in completion of the LMA
 - 1. The CVI Range, developed by Dr. C. Roman-Lantzy
 - 2. The Perkins CVI Protocol
 - 2. The Visual Assessment Scale CVI-PIMD, developed by Drs. Wallroth and Steendam
 - 3. Insight Questionnaire, developed by Dr. Gordon Dutton
 - 4. The CVI Companion Guide and The CVI Profile, developed by Dr. Amanda Hall-Lueck, et al
 - 5. Teach CVI, developed by TeachCVI Project
 - 6. The Austin Assessment, developed by Dr. Nicola McDowell
- B. Take Notes Throughout the Process
 - 1. “Chris Russell Notes”

The Learning Media Assessment

- A. Two books most frequently used;
 - 1. *Learning Media Assessment of Students with Visual Impairments*, by Koenig and Holbrook
 - 2. *Sensory Balance: An Approach to Learning Media Planning for Students with CVI*, by Roman-Lantzy and Tietjen
- B. What is a Learning Media Assessment? LMA includes 4 essential parts (Roman-Lantzy, Tietjen, 2020, page 5)
 - 1. Evaluates which sensory modality a student uses for collecting information (Roman-Lantzy, Tietjen, 2020)
 - 2. Identifies primary and secondary general learning media (Roman-Lantzy, Tietjen, 2020)
 - 3. Identifies primary and secondary literacy media (Roman-Lantzy, Tietjen, 2020)
 - 4. Determines the type of individualized literacy program the student will use (Roman-Lantzy, Tietjen, 2020)



- C. Who requires a Learning Media Assessment?
- D. Why would the LMA process be different for students with CVI?

Sensory Balance: An Approach to Learning Media Planning for Students with CVI (Authors: Christine Roman-Lantzy and Matt Tietjen, 2020)

- A. What is Sensory Balance?
- B. Further observe sensory channel use by student and document observable behaviors.
- C. Focus Points for SBA (Roman-Lantzy, Tietjen, 2020)
 - 1. CVI Range Score (Roman-Lantzy, 2018)
 - 2. CVI Sensory Balance: Learning Media Profile (Roman-Lantzy, Tietjen, 2020)
 - Section 1: Visual Learning Media
 - Section 2: Compensatory Learning Media
 - Section 3: Multi-Sensory Input
 - Section 4: Technology
 - Section 5: Learning Media Goals
 - 3. CVI Learning Media Flowchart (Roman-Lantzy, Tietjen, 2020)
- D. Activity Planning Form (Roman-Lantzy, Tietjen, 2020)

Case Studies and Questions

Time permitting

Thank you for the privilege of your time.

Resources for Learning Media Assessment

BOOKS

Learning Media Assessment of Students with Visual Impairments, by A. Koenig and M. Holbrook, 2nd Edition, Texas School for the Blind and Visually Impaired, 1995. Can be found for free as an electronic book - download from;
<https://eric.ed.gov/?id=ED440492>

Sensory Balance: An Approach to Learning Media Planning for Students with CVI, C. Roman-Lantzy and M. Tietjen, Perkins School for the Blind, 2020
<https://amzn.to/3bzsYIK>

Strategy to See: Strategies for Students with Cerebral/Cortical Visual Impairment, D. Sheline, 2011, Kindle Publishing Company
<https://amzn.to/3Ey0XHm>

LINKS

Overview of Learning Media Assessment

<https://www.pathstoliteracy.org/overview-learning-media-assessment>



An Approach to Sensory Balance, by Christine Roman-Lantzy and Matt Tietjen
https://www.perkinselearning.org/sites/elearning.perkinsdev1.org/files/CVI%20Sensory%20balance%20Perkins%20Webinar%20revised%209%2025%202020_0.pdf

Literacy Assessment and Instruction: A Position Paper
<https://www.pathstoliteracy.org/resources/literacy-assessment-and-instruction-position-paper>

Sensory Channel Form

Adapted Version of Koenig and Holbrook's Sensory Channel Form

Adapted by Tanni L. Anthony, 12/97

http://c324175.r75.cf1.rackcdn.com/products/conference/2004_topical_workshop/Sensory-Channel-Form.pdf

Central Processing Auditory. Disorder

Central Auditory Processing Disorder: The Hearing Equivalent of CVI Risk Factors, Features and Strategies

<https://www.pathstoliteracy.org/blog/central-auditory-processing-disorder-hearing-equivalent-cvi-risk-factors-features-strategies>

Strategies for Supporting the Hearing, Speech Comprehension, and Environmental Awareness of Students with Central Auditory Processing Disorder—the Auditory Equivalent of CVI, Sept. 14, 2021, 3:00 – 4:00 Eastern Time Zone, Presenter is Maurice Belote

<http://events.r20.constantcontact.com/register/event?oeidk=a07eig2avfs391e054d&llr=alii6ndab>

ASSESSMENT INSTRUMENTS

The VAS CVI-PIMD; vas-cvi@visio.org <https://www.visio.org/vas-cvi-pimd>

Insight; Developed by Dr. Gordon Dutton, (AKA, “Free Standing Insight”) or use the link for a breakdown of Insight including Visual Skills Inventories, Short Visual Skills Questionnaires, and Home Strategies/School Strategies;

<https://www.ulster.ac.uk/research/topic/biomedical-sciences/research/optometry-and-vision-science/vision-resources/professionals/cerebral-visual-impairment-assessment>

The CVI Companion Guide and The CVI Profile, available “in the fall” from APH

Teach CVI; www.teachcvi.net

The Austin Assessment; <https://www.springload.co.nz/work/austin-assessment/>
(soon to be released as an iPad app)



The CVI Range; found in Dr. Roman-Lantzy's book, *Cortical Visual Impairment: An Approach to Assessment and Intervention*, second edition, at Amazon
<https://amzn.to/3w8Fm5u>

FORMS

Chris Russell, New York Deaf-Blind Collaborative

Variety of Useful Notetaking Forms, including;

1. CVI Characteristics – Parent Interview Notes
2. CVI Characteristics – Observation Notes
3. CVI Characteristics – Direct Assessment Notes

The above forms are based on the CVI Range (Roman, 2018)

<http://bit.ly/CRussellCVITools>