



Wichita State University Evidence-Based Practice Reference Analysis Worksheet¹

Check one: Assessment article Intervention article

Reference: _____

Purpose Statement: _____

Participants:

- a. Level of Evidence: _____ (see descriptors on page 3)
- b. Number of Participants: Total # _____ Total #/group _____
- c. Participant selection (age, gender, disorder-type, native language, etc.):

Quality of participant description:

1	2	3	4	5
can't replicate lacks sign.info		may be able to replicate mostly complete info		replicable all info present

Comments: _____

Method:

- a. Evaluation Tools: _____

Quality of evaluation tools:

1	2	3	4	5
seems inappropriate no rationale		appropriate no rationale		appropriate rationale for use

Comments: _____

- b. Procedures: _____

- c. Time Period: _____

- d. Reliability/validity/control of bias:

1	2	3	4	5
no controls inadequate		some control minimally adequate		controls used adequate

Comments: _____

¹Based on American Academy for Cerebral Palsy and Developmental Medicine, 2002; ASHA, 2002; Ashford, 2002; Law, 2000; Technical Report: Evidence-Based Practice in Communication Disorders (RSAC, 2003)

e. Outcome Measures/Dependent Variables: _____

Quality of Outcome Measures/DVs:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
seems inappropriate no rationale		appropriate no rationale		appropriate rationale for use

Comments: _____

Results:

a. Significant findings/Strong effect sizes: _____

b. Means and standard deviations: _____

c. Other findings: _____

d. Interpretation of results:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
interpretation beyond data		some extension of interpretation beyond data		data related tied to past research

Comments: _____

Overall Comments:

a. Credibility of source:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
source unknown self-published/reported	edited publication	trade journal or	professional journal	peer-reviewed

Comments: _____

b. Feasibility of Use in a Clinical Setting:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
unlikely		possible, with some modifications		highly likely

Comments: _____

Ideas for future research:

Levels of Evidence:

Level	May use when:
1 Large randomized controlled trials	Identified population matches client seen and clinical setting
2 Small randomized controlled trials; repeated randomized single-case designs	Identified population matches clients seen and clinical setting; Identified case matches client seen and clinical setting
3 Non-randomized study with control group(s); single-case design using alternating treatments or multiple baseline methods	Identified population matches clients seen and clinical setting; Identified case matches client seen and clinical setting
4 Case control study	Identified case matches client seen and clinical setting
5 Data from basic research with theoretical implications for clinical services	No evidence is available from aforementioned levels
6 Opinion of clinical expert	No evidence is available from aforementioned levels

Meta-Analysis Review

Check one: Assessment article Intervention article

Reference: _____

Purpose Statement: _____

Number of Studies: _____

1	2	3	4	5
seems inappropriate no rationale		appropriate no rationale		appropriate rationale for use

Comments: _____

Time Range for Inclusion: _____

1	2	3	4	5
seems inappropriate no rationale		appropriate no rationale		appropriate rationale for use

Comments: _____

Types of Designs Included : (Check all applicable)

- | | |
|---|---|
| <input type="checkbox"/> Large randomized controlled trials | <input type="checkbox"/> Repeated randomized single-case designs |
| <input type="checkbox"/> Small randomized controlled trials | <input type="checkbox"/> Non-randomized study with control group(s) |
| <input type="checkbox"/> Single-case design using alternating treatments or multiple baseline methods | <input type="checkbox"/> Case control study |
| | <input type="checkbox"/> Case reports |

1	2	3	4	5
seems inappropriate no rationale		appropriate no rationale		appropriate rationale for use

Comments: _____

Criteria for Inclusion in Meta-Analysis: _____

Comments: _____

Variables Studied: _____

Comments: _____

Main Points/Strategies Found to be Effective: _____

Comments: _____

Effect Size: _____

Comments: _____

Interpretation of results:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
interpretation beyond data		some extension of interpretation beyond data		data related tied to past research

Comments: _____

Credibility of source:

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
source unknown self-published/reported		trade journal or edited publication		peer-reviewed professional journal

Comments: _____