


Clinical Decision-Making With Dynamic Assessment

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Speaker Disclosure

- Financial:
 - Professor and Associate Dean of Faculty Development & Diversity, University of California, Irvine
 - Received financial compensation from ASHA
- Nonfinancial:
 - None

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Objective

- How do I put together all the information about the dynamic assessment (DA)?
 - Pretest to posttest
 - Modifiability
- How do I use this information to make a clinical decision about next steps?

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Putting DA information together

- Pretest to posttest
 - One indicator of change is the nature and amount of change the child makes on the pretest measure or probe

Important Note:

Whatever measure used should be sensitive enough to capture change to very short-term intervention.

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Putting DA information together

- Modifiability
 - Describe the child's responsivity
 - Describe the strategies you used to support change in performance

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Putting DA information together

	Responsiveness		
	Low	Medium	High
Examiner Effort			

ASHA Webina

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Putting DA information together

	Responsiveness		
	Low	Medium	High
Examiner Effort	High		
	Medium		
	Low		Likely lack of experience vs. lack of ability

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Putting DA information together

	Responsiveness		
	Low	Medium	High
Examiner Effort	High	Likely needs continued support services (special ed)	
	Medium		
	Low		

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Next 5 minutes

We've explored the concept. In the *next activity*, we'll review some **examples**



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Clinical Decision-Making: DA Examples



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Objective

- Case studies
- Narrative assessment (pre-post)
 - Story structure: initiating event, attempt, resolution, internal response, plan, consequence
 - Complexity: vocabulary, grammar, dialogue

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Mateo

Pretest narrative skills:

- 6 years old, bilingual Spanish-English
- Simple story: initiating event, attempt, resolution (omitted internal response, plan, consequence)
- Used literal vocabulary, some compound sentences using “and”

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Mateo: Modifiability

Social Emotional	Anxiety	Motivation	Persistence	Comments -Highly cooperative and enthusiastic
	1	1	1	
	Responsiveness	Attention	Compliance	
	1	1	1	
			Sum Social Emotional: 6	
Cognitive	Orientation	Meta-cognition	Self reward	-Systematic & efficient problem solving -Used multiple strategies: described characters & attributes, used context cues to hypothesize time of day (you see stars at night) -Aware of errors and able to correct them during activity E: What time... M: Spring? No, night
	1	1	1	
	Problem-solving	Verbal mediation	Flexibility	
	1	1	1	
			*Sum Cognitive: 6	

*Cognitive scores above 14 are likely indicators of DLD

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Mateo

Posttest narrative skills:

- Simple story +: initiating event, attempt, reaction, internal response (but not consequence, reaction)
- Used some higher-level vocabulary “careful” and compound sentences using “and” and “so”
- Used multiple instances of dialogue “I’ll take it in my beak” “you’re not going to take my anillo (ring)”

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Adrián

Pretest narrative skills:

- 6 years old, bilingual Spanish-English
- Simple story: initiating event, attempt, and consequence (but omitted plan, initiating event, internal response, reaction)
- Used literal vocabulary, simple sentences
- Used simple dialogue, “hi”

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Mateo: Adrián

Social Emotional	Anxiety	Motivation	Persistence	Comments
	1	1	1	-Highly cooperative and enthusiastic -Highly cooperative and enthusiastic, needed some direction to maintain attention
	Responsiveness	Attention	Compliance	
	1	2	2	
			Sum Social Emotional: 8	
Cognitive	Orientation	Meta-cognition	Self reward	-Organized, but sometimes inefficient Used multiple strategies w/support Aware of most errors and able to correct them during activity with support E: What time... A: day E: let's look at the picture, see the starts? A: um, night?
	3	2	2	
	Problem-solving	Verbal mediation	Flexibility	
	3	3	2	
			*Sum Cognitive: 15	

*Cognitive scores above 14 are likely indicators of DLD

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Adrián

Posttest narrative skills:

- 6 years old, bilingual Spanish-English
- Simple story: attempt, consequence, and plan (but omitted initiating event, internal response, reaction)
- Used literal vocabulary, simple sentences
- Used dialogue, "I put it in the nest"

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Compare the Cases

	Responsiveness		
	Low	Medium	High
Examiner Effort		Adrián	
			Mateo

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Compare the Cases

Mateo

- At posttest:
 - **More** complex story (initiating event, attempt, resolution, +internal response & consequence)
 - **More** dialogue
 - Literal vocabulary
 - Compound sentences
- High modifiability

Adrián

- At posttest:
 - Similar simple story (attempt, consequence, and plan (but omitted initiating event, internal response, reaction))
 - **Introduced** simple dialogue
- Moderate modifiability

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Next 5 minutes

We've explored the concept and reviewed some examples. The *next activities* are **your** turn to **practice**.

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