Title: Processing in bilinguals with language disorders: Profiles and treatment implications

Content Area: Multicultural

Session Number: 44

Day: Friday, February 7, 2020

Presenter: Kerry Danahy Ebert

Room: 26

Time: 11:00am-12:00pm

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Learner Outcomes: At the conclusion of the session, participants will be able to...

1. Summarize positive and negative influences on the cognitive processing skills of dual language learners with language disorders
2. Identify two ways to take advantage of cognitive processing strengths in language treatment with dual language learners
3. Identify two ways to compensate for cognitive processing weaknesses in language treatment with dual language learners

Cognitive processing terms & concepts

- Processing speed

- Memory
  - Short-term
  - Working
  - Long-term

- Attention
  - Components: focus/sustain/shift/encode
  - Networks: alerting, orienting, executive
  - Attentional control & focus of attention

- Executive functions
  - Core EFs: Updating, shifting, inhibition
  - Higher-level EFs: reasoning, problem-solving, planning

- Overlap & points of confusion

Clinical applications

Cognitive processing profiles for dual language learners with language disorders

Weaknesses in children with developmental language disorder

- Processing speed

- Working memory

- Attention, inhibition, & control
Strengths in dual language learners?
- Processing speed

- Working memory

- Attention, inhibition, & control

Intersection of bilingualism and language disorders
Existing evidence & possibilities

**Treatment applications**
Evidence and mechanisms for transfer:
- Cognition to language (L1 & L2)
- Language to cognition
- Cross-linguistic (L1 → L2 or L2 → L1)

Ideas to integrate & emphasize processing skills in treatment:
- Processing speed

- Working memory

- Attention, inhibition, & control

**Take-aways for tomorrow**
Selected References


