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Teen Driving and Community Mobility Educational Module for OT Students

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BACKGROUND

- Teens with disabilities require increased support in driving and community mobility (DCM) due to increased complexity resulting from the combination of typical teen characteristics (physiological changes and developing cognitive skills), and limitations posed by physical, cognitive, or visual impairments (Interactive Autism Network, 2011; Monahan, 2012)
- Due to lack of training, decreased awareness, low confidence, decreased competence, billing, and productivity concerns OT practice is limited in addressing driving and community mobility (Dickerson et al., 2011).
- There is a need for more targeted information regarding teen driving and community mobility within OT education to increase competence (knowledge, skills, attitudes), and prepare them to be generalists (American Occupational Therapy Association [AOTA], n.d.).
- Existing teen driving module is not adequate to comprehensively educate OT students on the role of OT in teen driving and community mobility and introduction of a certified driving rehabilitation specialist (CDRS) (USAHS, n.d.)

PROBLEM

Occupational therapy students demonstrate limited competence in the intervention process of teen driving and community mobility.

PURPOSE

Develop a teen driving and community mobility educational module to promote novice level competence in the intervention process among occupational therapy students.

DISCUSSION

Peers and a CDRS reviewed and contributed feedback to the creation of this educational module. Strengths and limitations of the final module are as follows:

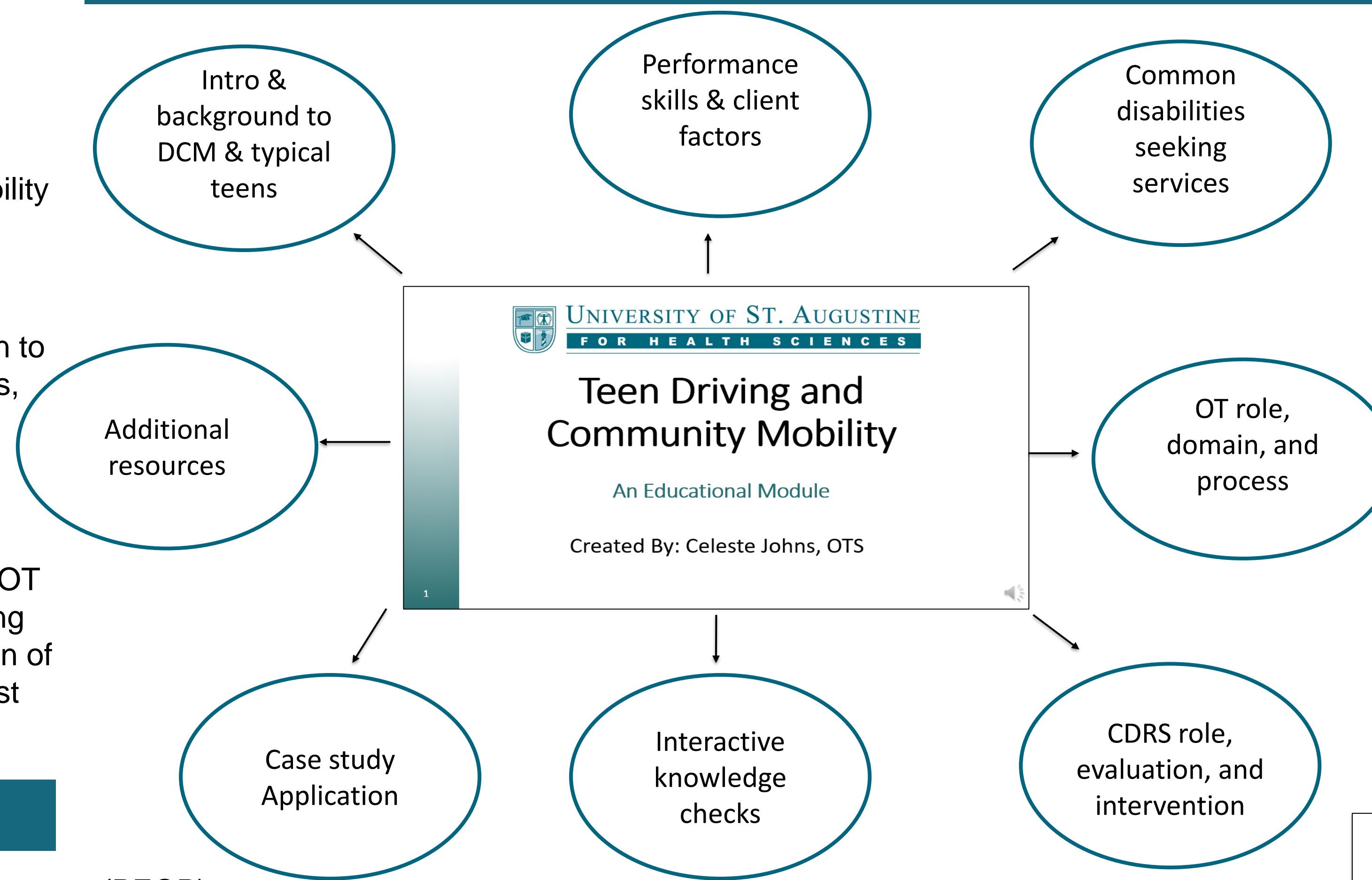
STRENGTHS:

- Interactive components
- Collaboration with a CDRS, OTR/L
- Collaboration with peers
- OTPF-4 language

LIMITATIONS:

- Low-cost software
- Lack of video footage
- Specific only to pediatric course at USAHS

Educational Module Content Diagram



Unique Features

Interactive knowledge checks

Case study application

Follow-along student handout

Compare Contrast OT vs CDRS

Future Implications

- Measure student competence after completion of educational module
- Advocate implementation of teen driving and community mobility in OT programs
- Research of teen assessment and intervention for driving and community mobility

Theoretical Framework

- Person-Environment-Occupation-Performance (PEOP)
- Adult Learning Theory
- Flipped Learning Model
- Four Quadrant Model of Facilitated Learning (4QM)
- Universal Design for Learning (UDL)

Scan for references

