This multimodal program aimed to educate pediatric residents on sensory processing and OT’s distinct value in order to provide pediatric residents with the knowledge and tools to better address sensory deficits in children, educate caregivers, and make appropriate referrals.

**Participants:**
- 4 cohorts (2-4 participants) of pediatric residents rotating through the CDU from January through April of 2020 (n=9)

**Outcome Measures:** Pre/post self-assessment surveys

**Data Collection:**
- Pre-test: Before participation in the Multimodal Educational Program
- Post-test: Immediately following participation in the Multimodal Educational Program

**Results:**

**Figure 1. Change in Resident Self-Perceived Competence**

- Understanding OT’s role in assessing and treating feeding difficulties
- Understanding OT’s role in assessing and treating fine motor difficulties
- Understanding OT’s role in assessing and treating sensory difficulties

**Figure 2. Change in Resident Self-Reported Confidence**

- Ability to Educate Caregivers on Child’s Sensory Needs
- Having the Necessary Resources to Educate Caregivers on Child’s Sensory Needs
- Ability to Address Child’s Sensory Needs During Appointment

**Discussion**

- Participation in the Program increased resident self-perceived competence in understanding OT’s role in assessing and treating sensory-based difficulties.
- Confidence in defining OT and in the ability to educate caregivers on their child’s sensory needs, having the necessary resources to educate caregivers on the child’s sensory needs, and ability to address the child’s sensory needs during an appointment also increased.

**Limitations**

- Non-compliance completing the provided pre-education work
- Variability with delivery of education module
- One resident lost to follow up
- Sample limited to specific cohort within a short time frame

**Future Directions**

- Expansion of the Multimodal Education Program to include a more comprehensive curriculum (i.e. feeding/oral motor, fine and gross motor, and mental health).
- Adaptation of the Multimodal Education Program to accommodate other health care disciplines and/or settings to allow for further knowledge.

**Implications for Occupational Therapy**

- A Multimodal Educational Program is a useful method to disseminate information to other health professions.
- A Multimodal Educational Program can advocate for OT as a profession, and educate other professions on a variety of topics related to OT.
- Increased education and awareness of OT may improve the likelihood of referral to appropriate services sooner.

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**References**