

The American Journal of Occupational Therapy®



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AJOT Mission: The primary mission of *AJOT* is to publish research examining the effectiveness and efficiency of occupational therapy practice so that occupational therapy professionals can make informed, evidence-based decisions about best practice. In addition, the journal aims to publish (1) research documenting the reliability and validity of occupational therapy instruments; (2) studies demonstrating a relationship between occupational engagement and the facilitation of community participation and health; and (3) articles that provide a forum for scholars to debate professional issues that affect education, practice, and research.

AOTA Mission: The American Occupational Therapy Association advances the quality, availability, use, and support of occupational therapy through standard-setting, advocacy, education, and research on behalf of its members and the public.

AOTA Vision 2025: Occupational therapy maximizes health, well-being and quality of life for all people, populations and communities through effective solutions that facilitate participation in everyday living.

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- Health Policy Perspectives* 7201090010 **Justifying Rehabilitation Intensity Through Functional Performance Measures in Postacute Care**
Christine Kroll, Thomas Fisher
Research, policy advocacy, and practice analysis are needed to promote and protect adequate access to occupational therapy and physical therapy in postacute care settings.
- 7201020010 **Errata**

Special Section: Occupational Therapy and Sensory Integration

- Guest Editorial* 7201170010 **State of the Science of Sensory Integration Research With Children and Youth**
Beth Pfeiffer, Teresa A. May-Benson, Stefanie C. Bodison
The articles in this issue provide evidence to guide future research and clinical practice for children and youth with challenges in sensory integration and processing.

Special Section: Evidence Review

- 7201190010 **Efficacy of Occupational Therapy Using Ayres Sensory Integration®: A Systematic Review**
Roseann C. Schaaf, Rachel L. Dumont, Marian Arbesman, Teresa A. May-Benson
Strong evidence shows that ASI can improve individual functional goals for children with ASD; moderate evidence shows that ASI improves autism negative behaviors and reduces need for caregiver assistance.
- 7201190020 **Effectiveness of Cognitive and Occupation-Based Interventions for Children With Challenges in Sensory Processing and Integration: A Systematic Review**
Beth Pfeiffer, Gloria Frolek Clark, Marian Arbesman
A systematic review suggests that cognitive and occupation-based interventions can help improve self-regulation (e.g., sensory processing, emotional regulation, executive functioning, and social function).
- 7201190030 **Parental or Teacher Education and Coaching to Support Function and Participation of Children and Youth With Sensory Processing and Sensory Integration Challenges: A Systematic Review**
Heather Miller-Kuhaneck, Renee Watling
Studies of parental training and coaching for children with SP-SI and comorbid autism spectrum disorder have suggested that educational or coaching programs could result in positive outcomes for both parents and children.
- 7201190040 **Specific Sensory Techniques and Sensory Environmental Modifications for Children and Youth With Sensory Integration Difficulties: A Systematic Review**
Stefanie C. Bodison, Diane Parham
Strong evidence supports the use of Qigong massage, moderate evidence supports the use of sensory modifications to the dental care environment, and limited evidence supports the use of weighted vests to improve participation of children with SI difficulties.

Special Section: Research Articles

- 7201195010 **Comparison of Two Tools to Assess Sensory Features in Children With Autism Spectrum Disorder**
Catherine Dugas, Marie-Noëlle Simard, Eric Fombonne, Mélanie Couture
The Sensory Profile and the Sensory Processing Measure—Home Form have moderate convergent validity.
- 7201195020 **Investigation of the Relationship Between Sensory Processing and Motor Development in Preterm Infants**
Halil Ibrahim Celik, Bulent Elbasan, Kivilcim Gucuyener, Hulya Kayihan, Meral Huri
The evaluation of sensory processing and motor development in preterm infants was considered necessary for the effective implementation of physiotherapy assessment and interventions.
- 7201195030 **Introduction to the Evaluation in Ayres Sensory Integration® (EASI)**
Zoe Mailloux, L. Diane Parham, Susanne Smith Roley, Laura Ruzzano, Roseann C. Schaaf
The authors describe the overarching plan for the development of the EASI and report the results of preliminary analyses of discriminative validity data.

- 7201195040 **Relationship Between Sensory Processing and Sleep in Typically Developing Children**
Kristie Foitzik, Ted Brown
Sensory processing factors were significantly associated with children's sleep habits and patterns; occupational therapy practitioners should be aware of this pattern when working with children and families.
- 7201195050 **Relationship Between Sensory Processing and Pretend Play in Typically Developing Children**
Tara Roberts, Karen Stagnitti, Ted Brown, Anoo Bhopti
New information indicates that the elaborateness of a child's pretend play is affected by their body awareness, balance, and touch abilities in the home environment.
- 7201195060 **Sensory Processing in the General Population: Adaptability, Resiliency, and Challenging Behavior**
Evan E. Dean, Lauren Little, Scott Tomchek, Winnie Dunn
Aspects of sensory processing were found to be differentially related to both challenging behaviors and protective factors in a sample of children from the general population.

Research Articles

- 7201205010 **Criterion Validity of the Child's Challenging Behavior Scale, Version 2 (CCBS-2) [ONLINE ONLY]**
Helen M. Bourke-Taylor, Reinie Cordier, Julie F. Pallant
The criterion validity established in this study supports the ongoing development of the CCBS-2 as an efficient tool for identifying children in need of further evaluation.
- 7201205020 **Feasibility Trial of Tailored Home Modifications: Process Outcomes [ONLINE ONLY]**
Susan Stark, Emily Somerville, Jane Conte, Marian Keglovits, Yi-Ling Hu, Christopher Carpenter, Holly Hollingsworth, Yan Yan
This process evaluation demonstrates that a complex home modification intervention can be provided with high fidelity for community-dwelling older adults to improve activity performance in the home.
- 7201205030 **Adjusting Challenge-Skill Balance to Improve Quality of Life in Older Adults: A Randomized Controlled Trial [ONLINE ONLY]**
Ipppei Yoshida, Kazuki Hirao, Tetsushi Nonaka
An RCT with 56 older adults found that adjusting the challenge-skill balance in occupational therapy improved HRQOL for older adults.
- 7201205040 **Curriculum-Level Strategies That U.S. Occupational Therapy Programs Use to Address Occupation: A Qualitative Study [ONLINE ONLY]**
Barb Hooper, Sheama Krishnagiri, Pollie Price, Steven D. Taff, Andrea Bilics
Depending on how carefully occupation is differentiated from and integrated with other concepts and skills, a curriculum design can both reveal and obscure occupation as the central idea of the profession.
- 7201205050 **Men in Occupational Therapy: Issues, Factors, and Perceptions [ONLINE ONLY]**
Angelo J. M. Maxim, Martin S. Rice
The authors describe results from a survey of occupational therapy practitioners on perceptions of men working in the field of occupational therapy.

Columns

- 7201345010 **BRIEF REPORT**
Self-Awareness and Recovery of Independence With Strategy Training [ONLINE ONLY]
Elizabeth R. Skidmore, Melissa Swafford, Shannon B. Juengst, Lauren Terhorst
The authors examined the degree to which awareness status affected changes in independence attributed to strategy training and found that this type of training may benefit people with poor awareness.
- 7201345020 **BRIEF REPORT**
Redesigning the Peer Audit Process to Enhance Clinical Dialogue [ONLINE ONLY]
Marianne R. Orest, Steven Eyler
Broad engagement of clinical staff in peer audit redesign resulted in a process that was more likely to be perceived as yielding meaningful discussion, encouraging critical thinking, and improving clinical skills.
- 7201347010 **THE ISSUE Is . . .**
Sleep as an Occupational Need [ONLINE ONLY]
Nicole J. Tester, Joanne Jackson Foss
Poor sleep, prevalent among chronically ill and neurologically impaired populations, can be addressed by occupational therapy practitioners to improve health and quality of life.

Evidence-Based Practice

- 7201390010 **EVIDENCE CONNECTION**
Occupational Therapy Interventions for People With Alzheimer's Disease [ONLINE ONLY]
Catherine Verrier Piersol, Lou Jensen, Deborah Lieberman, Marian Arbesman
Evidence Connection articles summarize the evidence from the published reviews on a given topic (in this article, Alzheimer's disease) and present an application of the evidence to a related clinical case.