



The American Journal of Occupational Therapy

January/February 2015
Volume 69, Number 1

Editorial 6901070010 **Welcome From the New Editor-in-Chief**

Lorie Gage Richards

AJOT's new Editor-in-Chief describes her goals for the journal.

In Memoriam 6901080010 **Maralynne Mitcham: Educator, Mentor, and Innovator**

Nancy Carson, Patty Coker-Bolt

The colleagues of Maralynne Mitcham reflect on her legacy.

Health Policy Perspectives 6901090010 **Advancing the Value and Quality of Occupational Therapy in Health Service Delivery**

Natalie E. Leland, Karen Crum, Shawn Phipps, Pamela Roberts, Barbara Gage

The authors set forth a foundation on which to build further dialogue and evidence to highlight occupational therapy's distinctive contribution, significance, and viability as health care policies shift to focus on quality and value.

Special Issue on Occupational Therapy and Stroke 6901170010

GUEST EDITORIAL

What Is the Evidence for the Effectiveness of Interventions to Improve Occupational Performance After Stroke?

Glen Gillen

Although rapid progress has been made in generating evidence to support occupational therapy interventions for clients who survive a stroke, the areas receiving research attention show a lack of balance that researchers should correct in order to better guide practice.

6901180020 **Method for the Evidence-Based Reviews on Occupational Therapy and Stroke**

Marian Arbesman, Deborah Lieberman, Debra R. Berlanstein

The authors describe the methodology and results of the evidence-based reviews of the effectiveness of occupational therapy interventions for adults with stroke.

6901180030 **Effectiveness of Interventions to Improve Occupational Performance of People With Motor Impairments After Stroke: An Evidence-Based Review**

Dawn M. Nilsen, Glen Gillen, Daniel Geller, Kimberly Hreha, Ellen Osei, Ghazala T. Saleem

A review of 149 studies of interventions for motor impairments found a variety of interventions that can improve occupational performance after stroke; commonalities among the effective interventions include the use of goal-directed, individualized tasks that promote frequent repetitions of task-related or task-specific movements.

6901180040 **Effectiveness of Interventions to Improve Occupational Performance of People With Cognitive Impairments After Stroke: An Evidence-Based Review**

Glen Gillen, Dawn M. Nilsen, Jessica Attridge, Erasmia Banakos, Marie Morgan, Lauren Winterbottom, Wesley York

A review of 46 studies on interventions for cognitive impairments after stroke found evidence from a variety of clinical trials to guide interventions regarding general cognition, apraxia, and neglect; intervention commonalities include a performance focus, strategy training, and a compensatory approach.

6901180050 **Effectiveness of Interventions for Adults With Psychological or Emotional Impairment After Stroke: An Evidence-Based Review**

Mary W. Hildebrand

An evidence-based review of 39 studies on the effectiveness of occupational therapy interventions to prevent or mitigate the effects of psychological impairments after stroke found support for some behavioral techniques but inconclusive evidence for other types of programs.

6901180060 **Effectiveness of Occupation-Based Interventions to Improve Areas of Occupation and Social Participation After Stroke: An Evidence-Based Review**

Timothy J. Wolf, Adrianna Chuh, Tracy Floyd, Karen McInnis, Elizabeth Williams

This review of 39 studies on the use of occupation-based interventions to improve occupational and social participation after stroke found strong evidence for occupation-based interventions in improving ADL performance.

- Children and Youth* 6901220010 **Sensory Integration and Praxis Patterns in Children With Autism [ONLINE ONLY]**
Susanne Smith Roley, Zoe Mailloux, L. Diane Parham, Roseann C. Schaaf, Christianne Joy Lane, Sharon A. Cermak
This retrospective study found that children with ASD characteristically display strengths in visuopraxis and difficulties with somatopraxis and vestibular functions that appear to greatly affect participation.
- 6901220020 **Efficacy of a Crisis Intervention in Improving Mother–Child Interaction and Children’s Play Functioning**
Amiya Waldman-Levi, Naomi Weintraub
A crisis-based intervention to improve mother–child interaction and children’s play functioning for families having experienced domestic violence yielded promising results.
- 6901220030 **Sensory Processing Disorder in Children Ages Birth–3 Years Born Prematurely: A Systematic Review [ONLINE ONLY]**
Anita Witt Mitchell, Elizabeth M. Moore, Emily J. Roberts, Kristen W. Hachtel, Melissa S. Brown
A systematic review synthesizing evidence on the prevalence and patterns of SPD in children born preterm supports the need for follow-up screening for SPD in this population.
- Occupation, Participation, and Health* 6901260010 **Supervision of Occupational Therapy Level II Fieldwork Students: Impact on and Predictors of Clinician Productivity**
Rebecca Ozelie, Janet Janow, Corinne Kreutz, Mary Kate Mulry, Ashley Penkala
Findings from a retrospective study examining productivity differences between clinicians supervising and not supervising Level II occupational therapy students contradict the idea that supervising Level II fieldwork students lowers clinicians’ productivity.
- Rehabilitation, Disability, and Participation* 6901290010 **Acquisition of Visual Perception in Blind Adults Using the BrainPort Artificial Vision Device**
Amy C. Nau, Christine Pintar, Aimee Arnoldussen, Christopher Fisher
Intensive low vision rehabilitation resulted in some functional improvement in a sample of blind adults using the BrainPort artificial vision device.
- 6901290020 **Lifestyle Changes and Pressure Ulcer Prevention in Adults With Spinal Cord Injury in the Pressure Ulcer Prevention Study Lifestyle Intervention**
Samruddhi Ghaisas, Elizabeth A. Pyatak, Erna Blanche, Jeanine Blanchard, Florence Clark; PUPS II Study Group
Examination of the interaction between lifestyle choices and the development of pressure ulcers revealed four patterns relating PrU development to lifestyle changes.
- 6901290030 **Hand Function, Experienced Pain, and Disability After Distal Radius Fracture [ONLINE ONLY]**
Karin Ydreborg, Christina Engstrand, Ingrid Steinvall, Eva-Lena Larsson
A study of differences in ROM, grip strength, and self-reported pain and disability after plate-fixation surgery for distal radius fracture found that even when ROM and grip strength were almost fully regained at 12 mo, pain at rest and during activity was still an issue at 24 mo.
- 6901290040 **Factors Predicting Client Satisfaction in Occupational Therapy and Rehabilitation [ONLINE ONLY]**
Melba G. Custer, Ruth A. Huebner, Dana M. Howell
Analysis of a model of client satisfaction found that the most robust predictors of satisfaction included improvements in functional status, presence of a neurological disorder, total rehabilitation hours, and admission to rehabilitation within 15 days of condition onset.
- 6901290050 **Mental Practice–Triggered Electrical Stimulation in Chronic, Moderate, Upper-Extremity Hemiparesis After Stroke**
Stephen J. Page, Peter Levine, Valerie Hill
A home-based, mental practice–triggered electrical stimulation regimen for stroke survivors exhibiting moderate UE impairment had a substantial impact on UE impairment, dexterity, and participation in valued activities as well as perceptions of recovery.
- Departments* 6901360010 **THE ISSUE IS . . .**
Performance-Based Testing in Mild Stroke: Identification of Unmet Opportunity for Occupational Therapy
M. Tracy Morrison, Dorothy F. Edwards, Gordon Muir Giles
A hierarchical performance-based testing pathway could identify patients with mild stroke-related executive function deficits in need of occupational therapy intervention.

Note to Readers

This issue of the *American Journal of Occupational Therapy* introduces a continuous publishing workflow, whereby an article is published online as soon as it has been edited and prepared for publication. Because articles can be added to an issue until close to the print publication date, the journal’s pagination format has changed. Unique article identifiers have replaced the standard page numbers. The new citation format is provided after the abstract for each article. Questions about the new process and citation format can be directed to ajotproduction@aota.org.