



The American Journal of Occupational Therapy

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- Health Policy Perspectives** 7101090010 **Occupational Therapy and Management of Multiple Chronic Diseases in the Context of Health Care Reform**
Natalie E. Leland, Donald Fogelberg, Ashley D. Halle, Tracy M. Mroz
The occupational therapy role in system redesign, such as primary care transformation and the move to true patient-centered care, must be nurtured, especially in relation to people with multiple chronic conditions.
- Editorial** 7101070010 **Celebrating 100 Years of Occupational Therapy**
Lorie Gage Richards
In celebration of the profession's centennial, AJOT is featuring a Centennial Topics section in each issue in this volume, each on a different theme.
- Centennial Topics** 7101100010 **The Bluebirds: World War I Soldiers' Experiences of Occupational Therapy**
Judith Pettigrew, Katie Robinson, Stephanie Moloney
Research has identified core philosophical premises about occupational therapy; these principles are illustrated in an analysis of a soldier's account of receiving occupational therapy.
- 7101100020 **Willard and Spackman's Enduring Legacy for Future Occupational Therapy Pathways**
Wanda J. Mahoney, Christine O. Peters, Peggy M. Martin
Research on how the collaboration of Willard and Spackman influenced occupational therapy validates the need for historical research in occupational therapy.
- 7101100030 **A Century of Therapeutic Use of the Physical Environment**
Amy Marshall, Christine Myers, Doris Pierce
A literature review describes the use of the objects and spaces of the physical environment by occupational therapy practitioners in the United States over the profession's first 100 years.
- 7101100040 **Justice and U.S. Occupational Therapy Practice: A Relationship 100 Years in the Making**
Rebecca M. Aldrich, Tessa L. Boston, Claire E. Daaleman
A focus on justice can be naturally integrated with occupational therapy curriculum standards by emphasizing the link between culturally sensitive client-centeredness and embodied habits of "seeking out unknown others."
- 7101100050 **Fostering Full Implementation of Evidence-Based Practice**
Deborah Marr
EBP is a widely endorsed concept, but many occupational therapy practitioners would like to be more informed and supported in its full implementation.
- Guest Editorial** 7101170010 **Current Evidence and Opportunities for Expanding the Role of Occupational Therapy for Adults with Musculoskeletal Conditions**
Shawn C. Roll
This special issue of AJOT provides comprehensive summaries of evidence for the care of common musculoskeletal conditions and proposes ways to advance practice to improve the lives of individuals with these conditions.
- Special Issue on the Role of Occupational Therapy for Adults With Musculoskeletal Conditions: Evidence Review** 7101180010 **Effectiveness of Occupational Therapy Interventions for Adults With Musculoskeletal Conditions of the Forearm, Wrist, and Hand: A Systematic Review**
Shawn C. Roll, Mark E. Hardison
A review of 59 articles published between 2006 and July 2014 on the effect of occupational therapy interventions on functional outcomes for adults with musculoskeletal disorders of the forearm, wrist, and hand found that the strongest evidence supports postsurgical early active motion protocols and splinting for various conditions.
- 7101180020 **Effectiveness of Occupational Therapy Interventions for Musculoskeletal Shoulder Conditions: A Systematic Review**
Tambra L. Marik, Shawn C. Roll
A review of 76 studies found strong evidence that ROM and strengthening exercises and joint mobilizations can improve function and decrease pain for adults with shoulder conditions.

*Special Issue on the
Role of Occupational
Therapy for Adults With
Musculoskeletal
Conditions: Research
Articles*

- 7101180030 **Effectiveness of Occupational Therapy Interventions for Lower-Extremity Musculoskeletal Disorders: A Systematic Review**
Julie Dorsey, Michelle Bradshaw
A review of 43 articles found that activity pacing is an effective intervention for nonsurgical LE MSDs, and multidisciplinary rehabilitation is effective for LE joint replacement and amputation.
- 7101180040 **Effectiveness of Occupational Therapy Interventions for Adults With Fibromyalgia: A Systematic Review**
Janet L. Poole, Patricia Siegel
Although the evidence supports interventions within the scope of occupational therapy practice for people with fibromyalgia, few interventions in the 42 Level I studies reviewed were occupation based.
- 7101180050 **Effectiveness of Occupational Therapy Interventions for Adults With Rheumatoid Arthritis: A Systematic Review**
Patricia Siegel, Melissa Watson, Beverly Apodaca, Janet L. Poole
The evidence supports interventions within the scope of occupational therapy practice for rheumatoid arthritis, but few interventions in 42 Level I studies reviewed were occupation based.
- 7101190010 **Optimal Grasp Distance and Muscle Loads for People With Rheumatoid Arthritis Using Carpometacarpal and Metacarpophalangeal Immobilization Orthoses**
Chien-Hsiou Liu, Kai-Shun Yip, Shih-Chen Fan
A comparison of 18 adults with RA and 18 participants without RA found that grip strength was significantly lower and muscle load was greater in the participants with RA.
- 7101190020 **Evaluation of Hand Forces During a Joint-Protection Strategy for Women With Hand Osteoarthritis**
Cory McGee, Virgil Mathiowetz
The authors describe how a joint-protection strategy used by women with hand OA changed the mechanics of opening sealed jars and provide recommendations for educating this population.
- 7101190030 **Role of Occupational Therapy in Preventing Work-Related Musculoskeletal Disorders With Recycling Workers: A Pilot Study**
Thomas Fisher
The author identifies physical and psychosocial risk factors for workers involved in single-stream recycling and describes strategies for prevention and wellness.
- 7101190040 **Factors Associated With Success in an Occupational Rehabilitation Program for Work-Related Musculoskeletal Disorders**
Mark E. Hardison, Shawn C. Roll
This study highlights the importance of intensity of therapy and occupation-based activities in successful occupational rehabilitation for musculoskeletal disorders.
- 7101190050 **Predictors of Disability and Quality of Life With an Upper-Extremity Peripheral Nerve Disorder**
Macyn Miller Stonner, S. E. Mackinnon, Vicki Kaskutas
Data from standardized assessments, physical examination results, and intake surveys from 627 clients were analyzed to understand the range of problems that people with upper-extremity peripheral nerve disorders experience and to identify predictors of disability and QOL.
- 7101190060 **Alignment of Outcome Instruments Used in Hand Therapy With the Occupational Therapy Practice Framework: Domain and Process and the International Classification of Functioning, Disability and Health: A Scoping Review**
Danielle Ann-Marie Leshner, M. J. Mulcahey, Peter Hershey, Donna Breger Stanton, Andrea C. Tiedgen
The authors describe the alignment of outcome instruments used in hand and UE rehabilitation with the constructs of the ICF and the Framework and identify gaps in the constructs measured by those instruments.
- Evidence-Based Practice* 7101395010 **EVIDENCE CONNECTION
Occupational Therapy Interventions for Adolescents With Autism Spectrum Disorder**
Scott Tomchek, Kristie Patten Koenig, Marian Arbesman, Deborah Lieberman
Evidence Connection articles summarize the evidence from the published reviews on a given topic (in this article, occupational therapy interventions for adolescents with ASD) and present an application of the evidence to a related clinical case.