

**ICF-based Clinical Practice Guidelines for Common Musculoskeletal
Conditions**

Board of Directors' Meeting

February 2015

Submitted by: Joe Godges DPT* and Christine McDonough PT, PhD**

***ICF-based Clinical Practice Guidelines Coordinator**

**** ICF-based Clinical Practice Guidelines Revisions Coordinator**

Advisory Panel Members:

**Anthony Delitto PT, PhD
Joy MacDermid PT, PhD
Phil McClure PT, PhD
JW Matheson DPT
Todd Davenport DPT**

Revisions Advisory Panel Members

**Paul Beattie PT, PhD
James Elliott PT, PhD
Jay Irrgang PT, PhD
Sandra Kaplan PT, PhD**

Strategic Plan Directive:

ORTHOPAEDIC SECTION, APTA STRATEGIC OBJECTIVES 2010-2014

Standards of Practice - develop and disseminate outcomes studies

Objective A: Create clinical practice guidelines - 15 guidelines by 2015

Stages of Clinical Practice Guideline Development

<u>Stage</u>	<u>Description</u>
1.	Topic Selected
2.	Initial Draft in Development
3.	Initial Draft Reviewed and Edited by Coordinator
4.	Author Review and Approval of Coordinator Edits
5.	Place Draft on orthopt.org to Disseminate and Solicit Feedback
6.	Draft in Review by Content Experts
7.	Authors Incorporating Content Expert Comments
8.	Content Expert Draft Review by Coordinator
9.	Place Updated Draft on orthopt.org to Disseminate and Solicit Feedback
10.	Draft in Review by Stakeholder Reviewers
11.	Authors Incorporating Stakeholder Reviewer Comments
12.	Stakeholder Reviewer Comments Review by Coordinator
13.	Draft in Review by <i>JOSPT</i> Editors
14.	<i>JOSPT</i> Editor Draft to Authors for Change Requests or Approval
15.	Final Draft to <i>JOSPT</i>
16.	Authors Review of Proofs
17.	Publication in <i>JOSPT</i>
18.	Submission for National Guidelines Clearinghouse Acceptance

CURRENT STATUS

Completed Guidelines - published in *JOSPT*

1. Heel Pain / Plantar Fasciitis (2008)
Heel Pain / Plantar Fasciitis Revision (2014)
2. Neck Pain (2008)
3. Hip Pain and Mobility Deficits / Hip Osteoarthritis (2009)
4. Knee Stability and Movement Coordination Impairments / Knee Ligament Sprain (2010)
5. Knee Pain and Mobility Impairments / Meniscal and Articular Cartilage Lesions (2010)
6. Achilles Pain, Stiffness, and Muscle Power Deficits / Achilles Tendinitis (2010)
7. Low Back Pain (2012)
8. Shoulder Pain & Mobility Deficits/Adhesive Capsulitis (May 2013)
9. Ankle Stability and Movement Coordination Impairments/Ankle Ligament Sprain (Sep 2013)
10. Non-arthritic Hip Joint Pain (June 2014)

Guidelines - under review

None at this time

Guidelines - under development (i.e., authors are being assembled and receiving tasks, literature is being reviewed, and drafts are being created)

11. Patellofemoral Pain Syndrome
12. Carpal Tunnel Syndrome (collaborating with the Hand Rehabilitation Section)
13. Elbow Epicondylitis (collaborating with the Hand Rehabilitation Section)
14. Distal Radius Fractures (collaborating with the Hand Rehabilitation Section)
15. Shoulder Instability (collaborating with the Sports Section)
16. Hip Fracture (collaborating with the Academy on Geriatrics)
17. Post Concussion Syndrome (collaborating with the Neurology Section and Sports Section)
18. Medical Screening in Management of Common Musculoskeletal Conditions (collaborating with the Federal PT Section)
19. Prevention of ACL Injuries (collaborating with the Sports Section)

Planned Clinical Practice Guidelines:

20. Shoulder Rotator Cuff Syndrome (will be initiated follow completion of the Shoulder Instability Guidelines)

Development process being supervised

21. Antipartum Pelvic Pain (collaborating with the Section on Women's Health - initial draft completed - guideline not yet reviewed - review process being discussed with the Nancy Donovan PT, PhD, Editor-in-Chief, Journal of Women's Health Physical Therapy)
22. Work Rehabilitation

Clinical Practice Guidelines **Revision** Activities:

Completed Revision

1. The Heel Pain / Plantar Fasciitis (Leader: RobRoy Martin) - published in November issue of JOSPT

Guidelines in the Revision Process

2. Hip Mobility Deficits / Hip Osteoarthritis (Leader: Mike Cibulka)
3. Neck Pain (Leader: Peter Blanpied)
4. Knee Stability and Movement Coordination Impairments / Knee Ligament Sprain (Leader: David Logerstedt)
5. Knee Pain and Mobility Deficits / Meniscal and Articular Cartilage Lesions) Sprain (Leader: David Logerstedt)

Guidelines to initiate the Revision Process in 2015

6. Achilles Pain, Stiffness, and Muscle Power Deficits / Achilles Tendinitis (Leader: RobRoy Martin)
7. Low Back Pain (Leaders: Anthony Delitto, Steven George)

Recent Activities and Action Items

Activity #1 - APTA Clinical Practice Guidelines Development Workshop

Joe Godges and Sandra Kaplan were invited to facilitate at this workshop that had the following 11 workgroups participating:

Acute Care Section - Total Knee Arthroplasty Rehabilitation
Acute Care and Cardiopulmonary - Critically Ill / ICU Management
Clinical Electrotherapy and Wound Care Section - Diabetic Foot Ulcer
Aquatic Therapy Section - Aquatic Therapy Interventions for Hip and LBP
Neurology, Orthopaedic, Sports Sections - Post-Concussion Management
(Kathy Kumagai DPT, OCS, NCS represented Ortho Section)
Academy on Geriatrics - Fall Prevention
Geriatrics, Orthopaedic Section - Hip Fractures
(Mike Cibulka and Doug White represented Ortho Section)
Neurology Section - Locomotor Training
Pediatrics Section - Coordination Disorders
Section on Women's Health - Post Partum Management of Pelvic Girdle Pain
Cardiac and Pulmonary Section - Venous Ulcers

Christine McDonough assisted with the facilitation of this workshop and led the Hip Fracture workgroup

Activity #2 - Completion of the First CPG Revision

The Ankle and Foot workgroup were pioneers again, creating the process and product for others to follow.

Authors:

Robroy L. Martin, Todd Davenport, Stephen Reischl, Thomas G. McPoil, James W. Matheson, Dane K. Wukich, Christine M. McDonough

Reviewers:

Roy D. Altman, *Paul Beattie, Mark Cornwall, Irene Davis, John DeWitt, *James Elliott, *James J. Irrgang, *Sandra Kaplan, Stephen Paulseth, Leslie Torburn, James Zachazewski

Christine McDonough guided and facilitated the Ankle and Foot through the process with developing this revision, with goal to create a model for the other revision groups to follow.

*All of the CPG Revision Advisory Panel members served as Reviewers of this revision, and will also review each revision in the future.

Activity #3 - Motions Adopted related to collaborative CPG development- 2014

I, Stephen McDavitt, President, move that the Orthopaedic Section and the Sports Section collaborate and utilize their combined resources to create clinical practice guidelines on **Shoulder Instabilities** under the following conditions:

- 1) The guidelines will be coordinated by the Orthopaedic Section ICF-based Clinical Practice Guidelines Coordinator and Advisory Panel,
- 2) will be published in JOSPT,
- 3) will be entitled: *Clinical Practice Guidelines linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section and the Sports Section of the American Physical Therapy Association*,
- 4) will utilize the following copyright and permission statements: ©201_ Orthopaedic Section American Physical Therapy Association (APTA), Inc., the Sports Section, APTA, Inc., and the *Journal of Orthopaedic & Sports Physical Therapy* consent to the reproducing and distributing this guideline for educational purposes, and
- 5) will be submitted as a guideline on www.guidelines.gov

ADOPTED (unanimous) - May 23, 2014 BoD Meeting

Stephen McDavitt, President, moved that the Orthopaedic Section Board of Directors approve the Orthopaedic Section and the Sports Section collaborate and utilize their combined resources to create clinical practice guidelines on **Primary Anterior Cruciate Ligament Injury Prevention** under the following conditions:

- 1) The guidelines will be coordinated by the Orthopaedic Section ICF-based Clinical Practice Guidelines Coordinator and Advisory Panel,
- 2) Will be published in JOSPT,
- 3) Will be entitled: *Clinical Practice Guidelines linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section and the Sports Section of the American Physical Therapy Association*,
- 4) Will utilize the following copyright and permission statements: (c)201_ Orthopaedic Section American Physical Therapy Association (APTA), Inc., the Sports Section, APTA, Inc., and the *Journal of Orthopaedic & Sports Physical Therapy* consent to the reproducing and distributing this guideline for educational purposes, and
- 5) Will be submitted as a guideline on www.guidelines.gov

Fiscal implication: Fiscal Implication (in proposed 2015 budget line 4180):

\$4,000 for "Author Fees" to develop this guideline - one time budget action. Following this, a \$2,000 per year fee will be required for the CPG revision process, which will likely begin in 2018.

ADOPTED (unanimous) July 24-25, 2014 BOD Meeting

Joe Godes, ICF-based Coordinator, moved that the Orthopaedic Section Board of Directors approve the following: The Neurology Section, Orthopaedic Section and the Sports Section will collaborate and utilize their combined resources to create clinical practice guidelines on **Post-Concussion Syndrome Management** under the following conditions:

- 1) The guidelines will be coordinated by the Orthopaedic Section ICF-based Clinical Practice Guidelines Coordinator and Advisory Panel,
- 2) will be published in JOSPT,
- 3) will be entitled: *Clinical Practice Guidelines linked to the International Classification of Functioning, Disability, and Health from the Neurological Section, Orthopaedic Section and the Sports Section of the American Physical Therapy Association*,
- 4) will utilize the following copyright and permission statements: (c)201_ Neurology Section American Physical Therapy Association (APTA), Inc., Orthopaedic Section American Physical Therapy Association (APTA), Inc., the Sports Section, APTA, Inc., and the *Journal of Orthopaedic & Sports Physical Therapy* consent to the reproducing and distributing this guideline for educational purposes, and
- 5) will be submitted as a guideline on www.guidelines.gov

ADOPTED (unanimous) October 18, 2014 BOD Meeting
Fiscal Implication: None

=Motion 7= Stephen McDavitt president, moved that the Orthopaedic Section provide funding for one individual to the APTA's CPG workshop to support the development of a Hip Fracture Clinical Practice Guidelines.

Background:

1. The Orthopaedic Section BoD and the Section on Geriatrics BoD both approved the following motion in 2013:

The Orthopaedic Section and the Section on Geriatrics will collaborate and utilize their combined resources to create clinical practice guidelines on **Hip Fractures**, 1) coordinated by the Orthopaedic Section ICF-based Clinical Practice Guidelines Coordinator and Advisory Panel, 2) to be published in JOSPT, 3) using the following listing in the title: Clinical Practice Guidelines linked to the International Classification of Functioning, Disability, and Health from the Section on Geriatrics and Orthopaedic Section of the American Physical Therapy Association, 4) utilizing the following copyright and permission statements: (c)201_ Orthopaedic Section American Physical Therapy Association (APTA), Inc., and the Section on Geriatrics, APTA, Inc., and the Journal of Orthopaedic & Sports Physical Therapy consent to the reproducing and distributing this guideline for educational purposes, and 5) submit to have the guideline on www.guidelines.gov <<http://www.guidelines.gov>>

ADOPTED (unanimous) July 24-25, 2014 BOD Meeting

**LINE ITEMS FOR CLINICAL PRACTICE GUIDELINES BUDGET SPREADSHEET
2015 Budget**

Line 4118 Travel – General (to CSM)	3,890
ICF-based CPG Coordinator:(\$470)(3 days x \$310 = \$930)	1,400
ICF-based CPG Revisions Coordinator:(\$470)(3 days x \$310 = \$930)	1,400
ICF-based CPG National Guidelines Clearinghouse (NCG) Coordinator:(\$470)(2 days x \$310 = \$620)	1,090
Line 4118 Travel – General (to Guidelines International Network Annual Conference - in Amsterdam in October 2015)	3,740
ICF-based CPG Revisions Coordinator:(\$1500)(4 days x \$310 = \$1240)	2,740
Conference Registration Fee	1,000
Line 4121 - ICF-based CPG Honorarium	18,000
Guidelines Coordinator (4 guidelines @ \$1,500 each = \$6,000) (4 guideline revisions @ \$500 each = \$2,000)	8,000
Guidelines Revision Coordinator (4 guidelines @ \$1,000 each = \$4,000)	4,000
Natl Guidelines Clearinghouse Coordinator – to post/maintain guidelines on www.guidelines.gov (8 guidelines @ \$250 each = \$2,000)	2,000
Literature Indexing, Appraisal Administration, Reference Management, and Manuscript Organization for the CPG Revisions - Graduate Assistant (independent contractor) – average of 4 hours per week at \$25/hour for 40 weeks (supervised by Christine McDonough - CPG Revisions Coordinator) (4 hrs/wk x 40 wks x \$25/hr = \$4,000)	4,000
Line 4180 - ICF-based CPG Development Expenses	20,000
Patellofemoral Pain CPG (Workgroup Leader: Lynn Snyder-Mackler)	4,000
Shoulder Instability CPG (Workgroup Leader: Phil McClure)	2,000
ACL Prevention CPG (Workgroup Leader: Lynn Snyder-Mackler)	2,000
Post-Concussion Syndrome CPG - in progress (Workgroup Leader: Karen McColloch)	2,000
Hip Fractures - in progress (Workgroup Leader: Christine McDonough)	2,000
Carpal Tunnel Syndrome - in progress (Workgroup Leader: Joy MacDermid)	2,000
Elbow Epicondylitis - in progress (Workgroup Leader: Joy MacDermid)	2,000
Distal Radial Fracture - in progress (Workgroup Leader: Joy MacDermid)	2,000
Medical Screening CPG - in progress (Workgroup Leaders: T. Davenport, M. Wong)	2,000
Line 4180 - ICF-based CPG Revision Expenses	14,000
Heel Pain CPG Revision (Workgroup Leader: RobRoy Martin)	2,000
Neck Pain CPG Revision (Workgroup Leader: Peter Blanpied)	2,000
Hip OA CPG Revision (Workgroup Leader: Michael Cibulka)	2,000
Knee Ligament CPG Revision (Workgroup Leader: David Logerstedt)	2,000
Knee Cartilage CPG Revision (Workgroup Leader: David Logerstedt)	2,000
Achilles Tendinopathy CPG Revision (Workgroup Leader: RobRoy Martin)	2,000
Low Back Pain CPG Revision (Workgroup Leaders: Tony Delitto, Steve George)	2,000
Total	59,630

(revised submission - October 17, 2014)