

CURRICULUM VITAE

RobRoy L Martin
Duquesne University

Education:

Doctor of Philosophy
University of Pittsburgh
Health and Rehabilitation Science
June 2003

Bachelor of Science
State University of New York Health Science Center at Syracuse
Physical Therapy
June 1991

No degree attained
State University of New York at Potsdam
Biology Major/Physical Therapy Pre-requisites
August 1986 - June 1989

Licensure Information/Registration Number:

Physical Therapy/ PT007507-L

Certifications

Certified Strength and Conditioning Specialist (C.S.C.S.)
Certificate # 8100149
National Strength & Conditioning Association

Employment and Positions Held:

Professor
Tenured
Duquesne University
Pittsburgh, PA
July 2014 - Present

Associate Professor
Tenured
Duquesne University
Pittsburgh, PA
2009 - 2014

Assistant Professor
Tenure track
Duquesne University
Pittsburgh, PA
2003 - 2009

Staff Physical Therapist
University of Pittsburgh Medical Center/Centers for Rehab Services, Center for Sports Medicine
Pittsburgh, PA
December 1995 - Present

Contract Home Care Physical Therapist
University of Pittsburgh Medical Center/Jefferson Regional Home Health
(formally Centers for Rehab Services, Home Care)
Pittsburgh, PA
January 2000 - Present

Staff Physical Therapist
Harmarville Rehabilitation Center
Pittsburgh, PA.
June 1991 - December 1995

Contract Home Care Physical Therapist
South Hills Health Care System Home Care Agency
Pittsburgh, PA
October 1994 - December 1999

Contract Home Care Physical Therapist
Olsten Kimberly Quality Care Home Health Agency
Pittsburgh, PA
January 1994 - October 1994

Peer Reviewed Publications (2012-present):

Koc TA, Bise CG, Neville C, Carreira, **Martin RL**, McDonough CM. Heel Pain- Plantar Fasciitis: Revision 2023. Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health From the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 53(12) CPG1-CPG39; 2023.

Martin RL, Takla A, Disantis A, Kohlrieser D, Enseki K, Lifshitz L, Grant L, Bizzini M, Voight M, Ryan M, McGovern R, Tyler T, Steinfeld-Mass Y, Campbell A, Zhang Y. Evaluating Functional Performance Tests in those with Non-arthritic Intra-articular Hip Pain: An International Consensus Statement. *Int J Sports Phys Ther*. 2023 Dec 2;18(6):1346-1355. doi: 10.26603/001c.89269.

Disantis AE, **Martin RL**, Enseki K, Spaid V, McClincy M. Non-Operative Rehabilitation Principles for Use in Individuals with Acetabular Dysplasia: A North American Based Delphi Study. *Int J Sports Phys Ther*. 2023 Dec 2;18(6):1331-1345. doi: 10.26603/001c.89265

Zhang, Y, Davis, J, **Martin, RL** (2023). Foot and Ankle Ability Measure (FAAM). In: Krägeloh, C.U., Alyami, M., Medvedev, O.N. (eds) *International Handbook of Behavioral Health Assessment*. Springer, Cham. https://doi.org/10.1007/978-3-030-89738-3_60-1

Zhang Y, Zang Y, Ren J, Guo W, Disantis A, Liu S, **Martin RL**. Use of Patient-Reported Outcome Measures in Lower Extremity Research. *Int J Sports Phys Ther*. Published online June 1, 2023. doi:10.26603/001c.74698

Zhang Y, Ren J, Zang Y, Guo W, Disantis A, **Martin RL**. Cross-Culturally Adapted Versions of Patient Reported Outcome Measures for the Lower Extremity. *Int J Sports Phys Ther*. Published online June 1, 2023. doi:10.26603/001c.74528

Enseki KR, Bloom N.J, Harris-Hayes M, Cibulka MT, Disantis A, Di Stasi S, Malloy P, Clohisy JC, **Martin RL**. Hip Pain and Movement Dysfunction Associated with Nonarthritic Hip Joint Pain: A Revision. Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health From the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 53(7) CPG1-CPG70 2021. doi/10.2519/jospt.2023.0302

Disantis A, Andrade AJ, Baillou A, Bonin N, Byrd T, Campbell A, Domb B, Doyle H, Enseki K, Getz B, Gosling L, Grant L, Ilizaliturri VM., Kohlrieser D, Laskovski J, Lifshitz L, McGovern RP, Monnington K, O'Donnell J, Takla A, Tyler T, Voight M, Wuerz T, **Martin RL**, The 2022 International Society for Hip Preservation (ISHA) physiotherapy agreement on assessment and treatment of greater trochanteric pain syndrome (GTPS): an international consensus statement, *Journal of Hip Preservation Surgery*, 2023; doi.org/10.1093/jhps/hnac050

Yuro MR, Kurapatti M, Carreria DS, Nho S, **Martin RL**, Wolff AB. Secondary Hip Labral Reconstruction Yields Inferior Minimum 2-Year Functional Outcomes to Primary Reconstruction Despite Comparable Intraoperative Labral Characteristics. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*, online Dec 2023, doi.org/10.1016/j.arthro.2023.11.034.

Martin RL, Harris JD, Ellis T, Kollmorgen R. Comparison of the PROMIS and iHOT-12 in Determining Satisfaction Levels After Hip Arthroscopy for FAIS. *Orthopaedic Journal of Sports Medicine*. 2023;11(5). doi:10.1177/23259671231168887

Disantis A, Andrade AJ, Baillou A, Bonin N, Byrd T, Campbell A, Domb B, Doyle H, Enseki K, Getz B, Gosling L, Grant L, Ilizaliturri VM., Kohlrieser D, Laskovski J, Lifshitz L, McGovern RP, Monnington K, O'Donnell J, Takla A, Tyler T, Voight M, Wuerz T, **Martin RL**, The 2022 International Society for Hip Preservation (ISHA) physiotherapy agreement on assessment and treatment of greater trochanteric pain syndrome (GTPS): an international consensus statement, *Journal of Hip Preservation Surgery*, 2023; doi.org/10.1093/jhps/hnac050

Disantis AE, Ruh E, **Martin R**, Enseki K, McClincy M. Rehabilitation Guidelines for Use Following a Periacetabular Osteotomy (PAO): A North American Based Delphi Consensus. *Int J Sports Phys Ther*. 2022 Oct 2;17(6):1002-1015. doi: 10.26603/001c.38043.

Lucado AM, Day JM, Vincent JI, MacDermid JC, Fedorczyk J, Grewal R, **Martin RL**. Lateral Elbow Pain and Muscle Function Impairments. Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health From the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association. *J Orthop Sports Phys Ther*. 2022 Dec;52(12):CPG1-CPG111. doi: 10.2519/jospt.2022.0302.

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Disantis A., **Martin RL**. Classification based treatment of greater trochanteric pain syndrome (GTPS) with integration of the movement system. *Int J Sports Phys Ther*. 2022; 17(3): 508-518

Disantis AE, **Martin RL**. Movement System Dysfunction Applied to Youth and Young Adult Throwing Athletes. *International Journal of Sports Physical Therapy*. (2022) 17: 90-103

Carroll LA, Paulseth S, **Martin RL**. Forefoot Injuries in Athletes: Integration of the Movement System. *International Journal of Sports Physical Therapy*. 17: 81-89; 2022.

McGovern RP, **Martin RL**, Christoforetti JJ, et al. Relationship of Average Outcomes Scores and Change in Status Requires Further Interpretation Between 1 and 2 Years Following Hip Arthroscopy. *The American Journal of Sports Medicine*. 2022;50(12):3184-3189. doi:10.1177/03635465221122769

Feng R, Hatem M, Nimmons SJ, Disantis A, **Martin RL**, Martin HD. Hip physical examination extension loss and radiographic osseous findings in patients with low back pain and nonarthritic hips, *Baylor University Medical Center Proceedings*, 35:4, 455-459, 2022 DOI: 10.1080/08998280.2022.206899

Ellis T, Kohlrieser D, Rao B, Enseki K, Popchak A, **Martin RL**. A comparison of 6-month outcomes between periacetabular osteotomy with concomitant hip arthroscopy to isolated hip arthroscopy for femoroacetabular impingement. *Arch Orthop Trauma Surg* (2022) 142(3) 471-480. doi.org/10.1007/s00402-021-03886-0

Hatem M, Canavan KE, **Martin RL**, Dawkins J, Martin HD. Usefulness of magnetic resonance imaging to diagnose greater trochanteric-ischial impingement. *Proc (Bayl Univ Med Cent)*. 2021 Mar 30;34(4):460-463. doi: 10.1080/08998280.2021.1897352.

Matsuda D, Kivlan BR, Nho SJ, Wolff AB, Salvo JP, Christoforetti JJ, **Martin RL**, Carreira DS. Tenotomy for Iliopsoas Pathology is Infrequently Performed and Associated with Poorer Outcomes in Hips Undergoing Arthroscopy for Femoroacetabular Impingement. *Arthroscopy* 2021. 37(7): 2140-2148. DOI 10.1016/j.arthro.2021.02.018

Matsuda DK, Kivlan BR, Nho SJ, Wolff AB, Salvo JP, Christoforetti JJ, **Martin RL**, Carreira. Arthroscopic Treatment and Outcomes of Borderline Dysplasia with Acetabular Retroversion: A Matched Control Study. *American Journal of Sports Medicine*. 2021. 49(8) 2102-2109. doi.org/10.1177/03635465211011753

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Carroll LA, Kivlan BR, Martin RL, Phelps AL, Carcia CR. The Single Leg Squat Test: A "Top-Down" or "Bottom-Up" Functional Performance Test? *IJSPT*. 2021;16(2):360-370. doi:10.26603/001c.21317

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Martin RL, Davenport TE, Fraser JJ, Sawdon-Bea J, Carcia CC, Carrol LA, Kivlan BR, Carreira D. Ankle Stability and Movement Coordination Impairments: Lateral Ankle Ligament Sprains Revision. Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability and Health From the Academy of Orthopaedic Physical Therapy of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 51(4) CPG1-CPG80 2021. DOI 10.2519/jospt.2021.0302

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Ueland TE, Disantis A, Carreira DS, **Martin RL**. Patient-Reported Outcome Measures and Clinically Important Outcome Values in Hip Arthroscopy: A Systematic Review: *JBJS Reviews*. 2021 Jan 26;9(1):e20.00084. doi: 10.2106/JBJS.RVW.20.00084.

Ueland TE, Carreira DS, **Martin RL**. Substantial Loss to Follow-up and Missing Data in National Arthroscopy Registries: A Systematic Review, *Arthroscopy: The Journal of Arthroscopic & Related Surgery*, 37: 2; 761-770; 2021 DOI: 10.1016/j.arthro.2020.08.007

Emmons BR, Christoforetti JJ, Matsuda DK, Wolff AB, Salvo JP, **Martin RL**, Carreira DS. Arthroscopic classification of intra-articular hip pathology demonstrates at best moderate interrater reliability. *Knee Surg Sports Traumatol Arthrosc*. 29(5), 1392–1400 (2021). <https://doi.org/10.1007/s00167-020-06215-x>

Martin RL, Kivlan BR, Christoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Defining Variations in Outcomes of Hip Arthroscopy for Femoroacetabular Impingement With the 12 item International Hip Outcome Tool (iHOT-12). *American Journal of Sports Medicine*. 48(5):1175-1180. 2020 DOI: 10.1177/0363546520906408

Hatem M, **Martin RL**, Nimmons SJ, Martin HD. Frequency of ischiofemoral space discrepancy when comparing magnetic resonance images of distinct institutions for the same patient, Baylor University Medical Center Proceedings, 34(2):242-246 2020 DOI: 10.1080/08998280.2020.1840184. 2020

Martin RL, Kivlan BR, Christoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. A tiered system using substantial clinical benefit and patient acceptable symptomatic state scores to evaluate 2-year outcomes of hip arthroscopy with the Hip Outcome Score. *Journal of Hip Preservation Surgery*. 7(1):62-69.2020. DOI 10.1093/jhps/hnz074

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Ma F, Li Y, Yang J, Li X, Zeng N, **Martin RL**. The effectiveness of low intensity exercise and blood flow restriction without exercise on exercise induced muscle damage: A systematic review. *Physical Therapy in Sport*. 46: 77-88; 2020 DOI 10.1016/j.ptsp.2020.08.011

Lifshitz L, Bar Sela S, Gal N, **Martin RL**, Fleitman Klar M. Iliopsoas the Hidden Muscle: Anatomy, Diagnosis and Treatment. *Current Sports Medicine Reports*. 19 (6): 235-243; 2020 DOI 10.1249/JSR.0000000000000723

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Kivlan BR, Carroll L, Burfield A, Emseki KR, **Martin RL**. Length Changes of the iliofemoral ligament during tests for anterior microinstability of the hip joint: A cadaveric validity study. *International Journal of Sports Physical Therapy*. 14(4) 613-622; 2019.

Martin RL, Kivlan BR, Christoforetti JJ Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for a Pain Visual Analog Scale after Hip Arthroscopy. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(7) 2064-2069; 2019

Kivlan BR, **Martin RL**, Christoforetti JJ, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. The patient acceptable state of the 12-item International Hip Outcome tool at 1-year follow-up of hip preservation Surgery. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(2) 1457-1462; 2019

McGovern RP, Christoforetti JJ, **Martin RL**, Phelps AL, Kivlan BR. Evidence for reliability and validity of functional performance testing in the evaluation of nonarthritic hip pain. *Journal of Athletic Training*. 54(3) 276-282; 2019

Martin RL, Christoforetti JJ, Kivlan BR, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. Minimal Clinically Important Difference and Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Tool (iHOT-12). *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 35(2) 411-416; 2019

Martin RL, McDonough, Enseki, K, Kohreiser, Kivlan BR. Clinical Relevance of the Ligamentum Teres: A literature review. *International Journal of Sports Physical Therapy*. 14:3; 2019

McGovern RP, **Martin RL**, Kivlan BR, Christoforetti JJ. Non-Operative Management of Individuals with Non-Arthritic Hip Pain: A Systematic Review. *International Journal of Sports Physical Therapy*. 14:1; 2019

Martin RL, Christoforetti JJ, McGovern R, Kivlan BR, Wolf AB, Nho SJ, Salvo JP, Ellis TJ, Van Thiel G, Matsuda D, Carreira DS. The Impact of Depression on Patient Outcomes in Hip Arthroscopy Surgery. *Orthopaedic Journal of Sports Medicine*. 6(11) DOI: 10.1177/2325967118806490; 2018

Carreira DS, Kruchten MC, Emmons BR, **Martin RL**. Arthroscopic labral reconstruction using fascia lata allograft: shuttle technique and minimum two-year results. *Journal of Hip Preservation Surgery*. doi: 10.1093/jhps/hny028; 2018

Carreira DS, Kruchten MC, Emmons BR, Startzman AN, **Martin RL**. A Characterization of Sensory and Motor Neural Dysfunction in Patients Undergoing Hip Arthroscopic Surgery. *The Orthopaedic Journal of Sports Medicine*, 6: 1-11; 2018

Martin RL, McGovern RP, Martin HD, Kivlan. A Mechanism for Ligamentum Teres Injuries in Femoroacetabular Impingement: An Anatomical Study. *International Journal of Sports Physical Therapy*. 13: 208-213; 2018.

Aurelio M, de Freitas DG, Kasawara KT, **Martin RL**, Fukuda TY. Strengthening the Gluteus Maximus in Subjects with Sacroiliac Dysfunction. *International Journal of Sports Physical Therapy*. 13: 114-120; 2018

Martin RL, Schröder RG, Gomez-Hoyos J, Palmer IJ, Khoury AN, McGovern RP, Martin HD. Accuracy of Three Clinical Tests to Diagnose Proximal Hamstrings Tears with and Without Sciatic Nerve Involvement in Patients with Posterior Hip Pain. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 34: 114-121; 2018

Gomez-Hoyos J, **Martin RL**, Palmer IJ, Martin HD. Current Concepts Review: Evaluation and Management of Posterior Hip Pain. *Journal of the American Academy of Orthopaedic Surgeons*. doi: 10.5435/JAAOS-D-15-00629; 2018

McGovern RP, **Martin RL**, Christoforetti JJ, Kivlan. Evidence-Based Procedures for Performing the Single Leg Squat and Step-Down Tests: A Systematic Review. *International Journal of Sports Physical Therapy*. 13:; 2018.

Martin RL, Chimenti R, Cuddlefor T, Houck J, Matheson JW, McDonough CM, Paulseth S, Wukich EK, Carcia CR. Achilles Tendinitis- Revision 2017 Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability, and Health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 48:A1-38; 2018.

McGovern RP, Kivlan BR, **Martin RL**. Length Change of the Short External Rotators of the Hip in Common Stretch Positions. *International Journal of Sports Physical Therapy*. 12: 1068-1077; 2017.

Cervera-Garvi P, Ortega-Avila AB, Morales-Asencio JM, Cervera-Marin JA, **Martin RL**, Gijon-Nogueron G. Cross-cultural adaptation and validation of Spanish version of The Foot and Ankle Ability Measures (FAAM-Sp). *Journal of Foot and Ankle Research*. 10: 39; 2017

Kivlan BR, McGovern R, **Martin RL**, Martin HD. Validity of Dynamic Impingement Testing for Determining the Location of Femoroacetabular Impingement: A Cadaveric Study. *Bio Accent Open Access Journal: Orthopedics*. 1: 003; 2017

Martin RL, Kivlan BR, Martin HD. Nerve Entrapment in the Hip Region: Current Concepts Review. *International Journal of Sports Physical Therapy*. 12: 1163-1173; 2017

Schroder RG, **Martin RL**, Bobb VL, Khoury NK, Palmer IJ, Martin HD. Outcomes of non-operative management of Deep Gluteal Syndrome – A Case Series of six Patients. *Journal of Musculoskeletal Disorders and Treatment*. 2:012; 2016

Griffin DR, Dickenson EJ, Agricola R, Awan T, Beck M, Clohisy J, Dijkstra P, Falvey E, Gimpel M, Hinman R, Holmich P, Kassarian A, **Martin R**, Mather R, Philippon MJ, Rieman M, Takla A, Thorborg K, Walker S, Weir A, O'Donnell J, Bennell K. The 2016 Warwick Agreement on Femoroacetabular Impingement Syndrome (FAI syndrome): An international consensus statement. *British Journal of Sports Medicine*. 50: 1169-1176; 2016

McGovern, RP, **Martin RL** Managing Ankle Ligament Sprains and Tears: Current Opinion. *Open Access Journal of Sports Medicine*.7: 33-42; 2016

Kivlan BR, Carcia CR, Christoforetti JJ, **Martin RL**. Comparison of range of motion, strength, and hop test performance of dancers with and without anterior hip pain. *International Journal of Sports Physical Therapy*. 11:1-9; 2016

Gomez-Hoyos, **Martin, RL**, Schroder R, Palmer IJ, Martin HD. Accuracy of two clinical tests for ischiofemoral impingement in patients with posterior hip pain. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 32:1279-1284; 2016

Celik D, Malkoc M, **Martin RL**. Evidence for reliability, validity and responsiveness of Turkish Foot and Ankle Ability Measure (FAAM). *Rheumatology International*. 36:1469-1476; 2016

Kivlan BR, **Martin RL**, Martin HD. Defining the greater trochanter-ischial space: a potential source of extra-articular impingement in the posterior hip region. *Journal of Hip Preservation Surgery*. DOI: 10.1093/jhps/hnw017. 2016

Kivlan BR, **Martin RL**, Martin HD. Ischiofemoral impingement: Defining the lesser trochanter-ischial space. *Knee Surgery, Sports Traumatology, Arthroscopy*. DOI: 10.1007/s00167-016-4036-y.2016

Moreira TS, **Martin RL**, Magalhães L, deResende M. Translation, cross cultural adaptation and validity of the Brazilian version of the Foot and Ankle Ability Measure questionnaire. *Disability and Rehabilitation*. 38:2479-2490. 2016

Martin RL, Kivlan BR, Enseki KR: Rehabilitation after Hip Arthroscopy. In: McCarthy J, Villar R, Noble, eds. *Diagnosis and Surgical Treatment of Hip Disease: A Worldwide Perspective to Approaches and Outcomes*. 2016

Martin RL, Foot and Ankle Rehabilitation. In: Miller M, ed. *Orthopaedic Knowledge Update: Sports Medicine 5*. American Academy of Orthopaedic Surgery; 383-392; 2016

Martin RL, Martin HD. Function and Clinical Relevance of the Ligamentum Teres: A Current Concept Function and Clinical Relevance of the Ligamentum Teres: *Current Orthopaedic Practice*. 26: 425-428; 2015

Kivlan BR, Carcia CR, Clemente FR, Phelps AL, **Martin RL**. The effect of Astym® Therapy on muscle strength: a blinded, randomized, clinically controlled trial. *BMC Musculoskeletal Disorder*. 16:325. 2015

Lee YK, Ha YC, **Martin RL**, Hwang DS, Koo KH. Transcultural adaptation and testing of psychometric properties of the Korean version of the Hip Outcome Score. *Knee Surgery, Sports Traumatology, Arthroscopy*. 23:3426-3431; 2015

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Martin HD, Hatem, MA, Kivlan BR, **Martin RL**. The function of the ligamentum teres in limiting hip rotation: A cadaveric study. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 30:1085-1091; 2014

Martin HD, Kivlan, BR, **Martin RL**. Diagnostic accuracy of clinical tests for sciatic nerve entrapment in the gluteal region *Knee Surgery, Sports Traumatology, Arthroscopy*. 22:882-888; 2014

Reis AC, Rabelo NDA, Pereira RP, Polessello G, **Martin RL**, Luvareli PRG, Fukuda TY. Radiological examination of the hip: Clinical indications, methods, and interpretation. *International Journal of Sports Physical Therapy*. 9:256-267; 2014

Magalhães E, Silva A, Bryk FF, Sacramento SN, **Martin RL**, Fukuda TY. Isometric strength ratio of the hip musculature in females with patellofemoral pain syndrome: A comparison to pain free controls. *Journal of Strength & Conditioning Research*. 27:2165-2170; 2013

Kivlan BR, Carcia CR, Clemente FR, Phelps AL, **Martin RL**. Reliability and validity of functional performance tests in dancers with hip dysfunction. *The International Journal of Sports Physical Therapy*. 8:360-369; 2013

Martin RL, Kivlan BR, Clemente FR. A cadaveric model for ligamentum teres function: A pilot Study. *Knee Surgery, Sports Traumatology, Arthroscopy*. 21:1689-1693; 2013

Kivlan BR, Clemente FR, **Martin RL**, Martin HD. Function of the ligamentum teres during multi-planar movement of the hip joint. *Knee Surgery, Sports Traumatology, Arthroscopy*. 21:1664-1668; 2013

Kivlan BR, **Martin RL**. Classification-based treatment of hip pathology in older adults. *Topics in Geriatric Rehabilitation*. 29:218-226; 2013

Valencia EB, **Martin RL**. Hip Considerations for the senior golfer. *Topics in Geriatric Rehabilitation*. 29:294-297; 2013

Martin RL, Davenport TE, Paulseth S, Wukich DK, Godges, J. Ankle stability and movement coordination impairments: Ankle sprains. Clinical practice guideline linked to the international

classification of functioning, disability, and health from the Orthopaedic Section of the American Physical Therapy Association. *Journal of Orthopaedic & Sports Physical Therapy*. 43:A1-40; 2013

Kivlan BR, **Martin RL**. Functional performance testing of the hip in athletes: A systematic review for reliability and validity. *The International Journal of Sports Physical Therapy*. 7:402-412; 2012

Kivlan B, **Martin RL**, Martin HD, Kelly BT: Hip Injuries in Baseball. In: Dines JS, El Attrache N, Altchek D, Andrews J, Yocum L, Wilk K, eds. *Sports Medicine of Baseball*. Philadelphia, PA: Lippincott, Williams & Wilkins; 317-325; 2012

Klingenstein G, **Martin RL**, Kivlan BR, Martin HD, Kelly BT. Hip injuries in the overhead athlete. *Clinical Orthopaedics and Related Research*. 470:1579-85; 2012

Nicholas G.H, Mohtadi, NG, Chan D, Safran MR, Griffin D, Pedersen E, Sekiya JK, Kelly BT, Werle J, Leunig M, McCarthy J, MD, Martin HD, Byrd JWT, Philippon MJ, **Martin RL**, Guanche C, Clohisy J, Sampson T, Kocher M. The development and validation of a self-administered quality of life outcome measure for young, active patients with hip pathology: the International Hip Outcome Tool (IHOT). *The Journal of Arthroscopic and Related Surgery*. 28: 595-610; 2012

Martin RL, Palmer I, Martin HD. Ligamentum teres: A functional description and potential clinical relevance. *Knee Surgery, Sports Traumatology, Arthroscopy*. 20:1209-1214; 2012

Fukuda TY, Melo WP, Zaffalon BM, Marcondes FR, Magalhães E, Bryk FF, **Martin RL**. Hip posterolateral musculature strengthening in sedentary women with patellofemoral pain syndrome: A randomized controlled clinical trial with 1-year follow-up. *Journal of Orthopaedic & Sports Physical Therapy*. 42:823-830; 2012

Peer Reviewed Scientific and Professional Presentations (2012-present):

International Forum

Martin RL

Buttock pain- what's back there and how do we differentiate.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cape Town, South Africa; October 2023

Martin RL

When are conservative or surgical treatments best used for FAIS

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cape Town, South Africa; October 2023

Martin RL

Evaluating Functional Performance Tests in those with Non-arthritic Intra-articular Hip Pain: An Internal Consensus Statement

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cape Town, South Africa October 2023

Martin RL

Hip Pain and Movement Dysfunction Associated with Nonarthritic Hip Joint Pain: A Revision Clinical Practice Guidelines Linked to the International Classification of Functioning, Disability, and Health from the Academy of Orthopaedic Physical Therapy and American Academy of Sports Physical Therapy of the American Physical Therapy Association

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cape Town, South Africa October 2023

Martin RL

Substantial Clinical Benefit Values for Improvement on the Chinese Lower Extremity Functional Scale in Patients with Hip and Thigh Musculoskeletal Disorders
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cape Town, South Africa;
October 2023

Martin RL

Clinical Practice Guideline for Hamstring Strain Injury in Athletes
Galway University Symposium, Galway Ireland
May 2023
Also presented at
American Physical Therapy Association Combined Sections Meeting. San Diego, CA;
January 2023

Martin RL

Global Assessment of the Hip: An ISHA Algorithm
Annual Scientific Meeting of the International Society for Hip Arthroscopy, Glasgow, Scotland
October 2022

Martin RL

PRO's: Which is the best and what should we use?
Annual Scientific Meeting of the International Society for Hip Arthroscopy, Glasgow, Scotland
October 2022

Martin RL

Hamstring Muscle Injury Rehabilitation - What does the evidence say
Annual Scientific Meeting of the International Society for Hip Arthroscopy, Glasgow, Scotland
October 2022

Martin RL

Ishiofemoral impingement - What is it and how do I deal with it?
Annual Scientific Meeting of the International Society for Hip Arthroscopy, Glasgow, Scotland
October 2022

Martin RL

Hip physical Exam
Annual Scientific Meeting of the International Society for Hip Arthroscopy, Glasgow, Scotland
October 2022

Martin RL

Planning Clinical Research
ISHA Research Committee: Virtual Fellowship Program
September 2022

Martin RL

Studies of Physiotherapy in FAI Syndrome
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain
October 2019

Martin RL

Posterior Hip Pain
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain
October 2019
Also presented at:
The Annual Meeting of the Israeli Society for Sports Medicine and The 5th Biennial Israeli Hip Symposium. Tel Aviv, Israel

October 2019

Martin RL

The Effect of Functional Movement Control on Patient-Reported Outcomes in Individuals with Non-Arthritic Hip Pain

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Madrid, Spain

October 2019.

Also presented at:

The Annual Meeting of the Israeli Society for Sports Medicine and The 5th Biennial Israeli Hip Symposium. Tel Aviv, Israel

September 2019

Martin RL

Evidence of Responsiveness with a Minimal Clinically Important Difference and Substantial Clinical Benefit Values for the 12-Item International Hip Outcome Score.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia;

October 2018

Martin RL, Kivlan BR

The Patient Acceptable Symptomatic State of the International Hip Outcome Tool-12 (iHOT-12) at two-year follow-up of Hip Preservation Surgery.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia;

October 2018

Martin RL

The Impact of Depression on Patient Outcomes in Hip Arthroscopy.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia;

October 2018

Also presented at:

American Physical Therapy Association Combined Sections Meeting. Washington DC

January 2019

Martin RL, McGovern R

Evidence for Reliability and Validity of the Single Leg Squat and Step-Down Tests in Evaluation of Individuals with Non-Arthritic Hip Pain.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia;

October 2018

Martin RL

Soft-Tissues: Physio Rehabilitation Considerations.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Melbourne, Australia;

October 2018

Martin RL

Anatomy Basic Science- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017

Martin RL

Evaluation- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017

Post-Surgical Rehab- Posterior Hip Pain: Subgluteal Nerve Entrapment, Hip Spine Syndrome, Hamstring Syndrome.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017

Martin RL, Kivlan, McGovern, R

A Mechanism for Ligamentum Teres Injuries in Femoroacetabular Impingement: An Anatomical Study.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2018

Martin RL, McGovern R Christoforetti J.

Evidence Based Procedures for Performing the Single Leg Squat Test and Step Down Test: A Systematic Review.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Santiago, Chile; October 2017

Also presented at:

American Physical Therapy Association Combined Sections Meeting. New Orleans, LA; February 2018

Martin RL

Extra-Articular Syndromes about the hip.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. San Francisco September 2016

Martin RL, Kivlan BR, Martin HD

A Cadaveric Study of the Dynamic Internal Rotation Impingement (DIRI) and Dynamic External Rotation Impingement (DEXRI) Tests.

16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa October 2015

Schröder RG, **Martin RL**, Gómez-Hoyos J, Khoury AA, Palmer IJ, Martin HD

Multidisciplinary approach to Deep Gluteal Syndrome – A case series.

16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa October 2015

Also presented at:

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, United Kingdom September 2015

Martin RL

Evaluation and Manual Therapy Techniques for Lumbopelvic-Hip Pain: A Hands-on Laboratory and Clinical Application Course.

16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa October 2015

Martin RL

Manual Therapy and Taping Techniques for the Foot and Ankle Complex: A Hands-on Laboratory and Clinical Application Course.

16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa October 2015

Martin RL

Sources of Posterior Hip Pain: Ischial Femoral Impingement, Greater Trochanteric Ischial Impingement, and Nerve Entrapment.
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa
October 2015

Also presented at:

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

Clinical Anatomy and Evidenced Based Evaluation Techniques for Individuals with Hip Pathology.
16th Biennial Congress of South African Sports Medicine Association. Johannesburg, South Africa
October 2015

Also presented at

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

Practical workshop: Evaluation and treatment of posterior hip pain.

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

Hip Region: Evaluation Algorithm and Classification Based Intervention Strategies.

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

How Various Surgical Procedures Influence Rehabilitation.

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

Clinical Case Panel: Rehabilitation after hip replacement: does the approach matters? L

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Martin RL

Role of Rehabilitation after Hip Arthroscopy

The Annual Meeting of the Israeli Society for Sports Medicine and The 3rd Biennial Israeli Hip Symposium. Tel Aviv, Israel
September 2015

Gomez-Hoyos J, Schröder RG, Martin HD, **Martin RL**

Accuracy of two clinical tests for ischiofemoral impingement in patients with posterior hip pain.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England
September 2015

Martin RL

Milestones in rehabilitation after hip arthroscopy, when to advance the patient and what to do with over and under achievers.

Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England

September 2015

Martin RL

Essential Components of Conservative Management of Hip Pain.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England
September 2015

Martin RL

The physiotherapist's role in in the diagnostic pathway.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, England
September 2015

Schröder RG, **Martin RL**, Gómez-Hoyos J, Coleman SC, Palmer IJ, Martin HD
Does Decreased Femoral Version Influence Pelvis and Lumbar Spine Kinematics During Gait ?
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Cambridge, United Kingdom
October 2014
Also presented at
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA
February 2016

Fukuda T, Getz B, **Martin RL**

Post-operative Rehabilitation Techniques.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil;
October 2014

Martin RL

Role of Rehabilitation after Hip Arthroscopy.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil;
October 2014

Martin RL

How Various Surgical Procedures Influence Rehabilitation.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil
October 2014

Fukuda T, Getz B, **Martin RL**, Queiroz M

Pre-Hab & Rehabilitation of the Patient with Non-Arthritic Hip.
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil
October 2014

Martin RL

Greater Trochanter-Ischial Impingement: A Potential Source of Posterior Hip Pain
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil
October 2014
Also presented at:
American Physical Therapy Association Combined Sections Meeting. Indianapolis , IN
February 2015

Martin RL

Ischiofemoral Impingement: Defining the Ischial-Lesser Trochanteric Space
Annual Scientific Meeting of the International Society for Hip Arthroscopy. Rio de Janeiro, Brazil
October 2014
Also presented at:
American Physical Therapy Association Combined Sections Meeting. Indianapolis , IN
February 2015

Martin RL

Clinical Anatomy and Evidenced Based Evaluation Techniques for Individuals with Hip Pathology.
IV Meeting Internacional Cientifico [4th International Scientific Meeting] Amparo, Brazil
October 2013

Martin RL

Manual Therapy-Mobilizations for the Foot and Ankle Region.
IV Meeting Internacional Cientifico [4th International Scientific Meeting] Amparo, Brazil
October 2013

Bonin N, Bharam S, **Martin RL**, Sampson, T, Meyer J, Polesello G
Is Rehabilitation Necessary Following Hip Arthroscopy?
4th Annual Scientific Meeting of the International Society for Hip Arthroscopy. Boston, MA
September 2012

Kivlan BR, **Martin RL**, Holzworth J, Ryan H, Christoforetti JJ
Functional Performance Testing for Hip Dysfunction in the Performing Arts.
4th Annual Scientific Meeting of the International Society for Hip Arthroscopy. Boston, MA
September 2012

National Forum (2012-present)**Martin RL**

Postop Complexities: Different Sports, Different Hips, Different Challenges
12th Annual Orthopaedic Summit 2022: Evolving Techniques. Boston, MA
September 2023

Martin RL

Don't Get Hamstrung By Hamstring Strains: From Assessment to Rehabilitation and Return to Sprinting
American Physical Therapy Association Combined Sections Meeting. San Diego, CA
January 2023

Martin RL

Thinking Outside the Hip: A Look at Greater Trochanteric Pain Syndrome
American Physical Therapy Association Combined Sections Meeting. San Diego, CA
January 2023

Martin RL

Substantial Clinical Benefit Values for Chinese Lower Extremity Functional Scale
American Physical Therapy Association Combined Sections Meeting. San Diego, CA
January 2023

Martin RL

Electromyographic analysis of the gluteus medius (GMed) during varied positions of the hip and knee
American Physical Therapy Association Combined Sections Meeting. San Diego, CA
January 2023

Martin RL

Rehab Considerations after Labral Repair
12th Annual Orthopaedic Summit 2022: Evolving Techniques. Boston, MA
September 2022

Martin RL

Integrating Clinical Practice Guidelines: What Does The Evidence Say About Hamstring Muscle Injury?

12th Annual Orthopaedic Summit 2022: Evolving Techniques. Boston, MA
September 2022

Martin RL

Guideline Integration: Knee Exam & Early Intervention
12th Annual Orthopaedic Summit 2022: Evolving Techniques. Boston, MA
September 2022

Martin RL

Osteochonral and Ligament Injury Patterns in Ankle Fractures: A Multi-center Study
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Case-Based Panel With Demonstration: Differential Diagnosis & Performing The Perfect Physical Examination Of The Lower Quarter
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Case-Based Panel With Demonstration: Progression Of Manual Therapy, Dry Needling, & Cupping To Increase Mobility & Restore Function
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Case-Based Demonstration 2: Return To Sport Criteria For Lower Extremity Sports Special Considerations For The Athlete's Injured Hip Special Considerations For The Athlete's Reconstructed ACL
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

The ISHA Algorithm: Global Assessment of the Hip- Lets Me Score Every Time
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Case Presentation With Questions & Answers: Pearls & Pitfalls Of The Painful Athletic Hip
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Greater Trochanteric Pain Syndrome/Bursitis: Conservative Management That Works - 7 Tips In 7 Minutes
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Clinical Case Presentations With Questions & Answers: Extra-articular Procedures, Return To Elite Sports, Cutting & Pivoting
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Mini Debate: FAI: Is It Pathology Or Normal Adaptation
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Martin RL

Clinical Case Presentation With Questions & Answers: Return To Play Considerations For Hip Injuries
11th Annual Orthopaedic Summit 2021: Evolving Techniques. Las Vegas, NV
December 2021

Lynch TS, Safran M, **Martin RL**

Nonsurgical Versus Surgical Management of Femoroacetabular Impingement: What Does the Current Best Evidence Tell Us
American Academy of Orthopaedic Surgeon Webinar
May 2021

Kivlan BR, **Martin RL**, Carrol L, McGovern R

Movement System-Based Treatment Approach for the Hip Joint
American Physical Therapy Association Combined Sections Meeting. Denver, CO
January 2020.

Martin RL

Science Meets Practice 8: The “Hip Check”: Evaluation and Treatment of Athletic Hip injuries
American Physical Therapy Association Combined Sections Meeting. Denver, CO
January 2020.

Martin RL

Ankle Stability and Movement Coordination Impairments- Ligament Sprains: Orthopaedic Sponsored Clinical Practice Guideline Update 2020.
American Physical Therapy Association Combined Sections Meeting. Denver, CO
January 2020

Cook K, Baumhauer J, **Martin RL**

Eugene Michels Research Forum: Patient-Reported Outcomes: Do They Improve Patient Care?
American Physical Therapy Association Combined Sections Meeting. Washington, DC
January 2019

Kivlan BR, Martin HD, **Martin RL**

The Hip-Spine Connection: Relationships of the Hip Joint and Lumbar Spine
American Physical Therapy Association Combined Sections Meeting. Washington, DC
January 2019

Carrol L, Kivlan BR, **Martin RL**

Chronic Ankle Instability and Hip Muscle Function: A Systematic Review
American Physical Therapy Association Combined Sections Meeting. Washington, DC
January 2019

Kivlan BR, Martin HD, **Martin RL**

Hip Instability: Mechanisms and Management of the Unstable Hip in Athletes
American Physical Therapy Association Combined Sections Meeting. San Antonio, TX
February 2017

McGovern RP, Kivlan BR, **Martin RL**
The Accuracy of 3 Clinical Tests in Diagnosing Proximal Hamstring Pathology
American Physical Therapy Association Combined Sections Meeting. San Antonio, TX
February 2017

McGovern RP, Kivlan BR, **Martin RL**, Martin GA
Length Change of the Short External Rotators of the Hip in Common Stretch Positions.
American Physical Therapy Association Combined Sections Meeting. San Antonio, TX
February 2017

Martin RL
Conservative Management of Posterior Hip Pain in the Athlete.
The Philadelphia Sports Medicine Congress. Philadelphia, PA
June 2016

Kivlan BR, Martin HD, **Martin RL**
Validity of Dynamic Impingement Testing for Determining the Location of Femoroacetabular
Impingement: A Cadaveric Study.
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA
February 2016

Kivlan BR, Martin HD, **Martin RL**
Hip Pain Beyond Femoroacetabular Impingement and Labral Tears.
American Physical Therapy Association Combined Sections Meeting. Anaheim, CA
February 2016

McDonough CM, **Martin RL**, Matheson JW, Davenport T
Orthopaedic Section ICF-based Clinical Practice Guidelines for Heel Pain: Updates in Evaluation and
Management
American Physical Therapy Association Combined Sections Meeting. Indianapolis , IN
February 2015

Kivlan BR, **Martin RL**, Stover S, Sevier T
The Effect of Astym Treatment on Muscle Performance: A Blinded, Randomized, Clinically Controlled
Trial.
American Physical Therapy Association Combined Sections Meeting. Indianapolis , IN
February 2015

Martin HD, Palmer IJ, Clemente FR, **Martin RL**.
The Enteseal Attachment of the Iliofemoral Ligament.
American Physical Therapy Association Combined Sections Meeting. Las Vegas, CA
February 2014

Kivlan BR, Martin RL, Carcia CR, Christoforetti JJ.
Comparison of Hop Test Performance of Dancers with and without femoroacetabular impingement.
American Physical Therapy Association Combined Sections Meeting. Las Vegas, CA
February 2014

Martin RL, Keeton B, Jackson R, Malone T, Paulseth S
Running Injuries: Pathomechanics, Injury Patterns, Evaluation Considerations, and Intervention
Strategies for the Lumbo-Pelvic, Hip, Knee, Foot, and Ankle Regions.
American Physical Therapy Association Combined Sections Meeting. San Diego, CA
January 2013

Martin RL

Ankle Instability.

Temple University School of Podiatric Medicine: New Innovations in Foot & Ankle Treatments Seminar. Philadelphia, PA
March 2012.

Martin RL

Heel Pain- Plantar Fasciitis Clinical Practice Guidelines.

Temple University School of Podiatric Medicine: New Innovations in Foot & Ankle Treatments Seminar. Philadelphia, PA
March 2012

Martin RL, Martin HD, Enseki K

Evaluation, Conservative Intervention, and Post-Surgical Rehabilitation for Individuals Non-Arthritic Hip Pain

Combined Sections Pre-conference Orthopaedic Section Continuing Education Course. Chicago, IL.
February 2012

Godges J, Martin RL, Carcia CR, Matheson JW

Use of the ICF to Develop Practice Guidelines for Common Musculoskeletal Conditions: A Progress Update focusing on Ankle and Foot Disorders.

American Physical Therapy Association Combined Sections Meeting. Chicago, IL
February 2012

Funded/In Review Grant Activity:

Role: Principal Investigator

Funded: 7,1,05\$

“The validity and reliability of the Star Performer®”

May 2023- May 2024

Agency: Duquesne University Faculty Development Fund

Role: Co-investigator (<25% participation)

Funded: \$10,000

“Multi-Center Arthroscopic Study of the Hip (MASH)”

September 2019- August 2022

Agency: 2019 International Society of Orthopaedic Surgery and Traumatology (SICOT) Research Academy Grant

Role: Co-investigator (40% participation)

Funded: \$1,000

“Functional Testing of the Hip”

September 2011 – September 2013

Agency: Pennsylvania Physical Therapy Association

Current/Active Research Activity:

Research Agenda: To examine and perform outcome related research related to musculoskeletal disorders of the lower extremity, including the hip, foot and ankle regions. Labral tears and hip arthroscopy are areas of research emphasis. This agenda includes developing and providing evidence of validity for three self-reported evaluative outcome instruments: Foot and Ankle Ability Measure (FAAM), and International Hip Outcome Tool (iHOT) Hip Outcome Score (HOS). It also includes reviewing and determining the reliability and validity of clinical examination techniques.

Ongoing Projects

Multi-Center Hip Arthroscopy Outcomes Research

Goals: The goal of this project is to initiate and complete international multi-center research projects related to evaluating, managing, and assessing treatment outcomes for individuals with musculoskeletal hip pain.

Work Completed Toward Goals: We are currently standardizing clinical and surgical evaluation methods as well as outcome assessment tools.

Anticipated Duration of Research Study: Ongoing

International Classification of Functioning and Disability (ICF) Project

Goals: The Academy of Orthopaedic Physical Therapy ICF project is using the International Classification of Functioning and Disability (ICF) to develop evidence-based clinical practice guidelines (CPG) that will enhance diagnosis, intervention, prognosis, and assessment of outcomes for a variety of musculoskeletal conditions commonly managed by physical therapists. It is believed that these CPGs will advance orthopaedic physical therapist practice, guide professional and post-professional education, and help establish an agenda for future clinical research.

Work Completed Toward Goals: I currently serve as the Lead Editor and Foot and Ankle ICF Team Leader. As the Lead Editor I am involved in all aspect of developing, preparing and publishing the CPGs in JOSPT. As the Team Leader my role is to oversee a group that will develop and Foot and Ankle guidelines. The Plantar Fascia-Heel Pain, Achilles Tendinopathy, and Lateral Ankle Sprain Guidelines have been completed. I have also published CPGs on Hamstring Strain Injuries and Lateral Elbow Tendinopathy.

Anticipated Duration of Research Study: Ongoing

Membership in Scientific/Professional Organizations:

American Physical Therapy Association
November 1990 - Present

Pennsylvania Physical Therapy Association
June 1991 - Present

National Strength and Conditioning Association
August 2000 - Present

Consultative and Advisory Positions Held:

Associate Editor for International Journal of Sports Physical Therapy
January 2021-present

Editor for Clinical Practice Guidelines- Orthopaedic Section
April 2018-present
Role: Lead Editor

International Society of Hip Arthroscopy Research Committee
January 2015- present
Role: Member

International Editorial Review Board (IERB) for the *Journal of Orthopaedic & Sports Physical Therapy*
October 2015 - Present

International Society of Hip Arthroscopy Program Planning Committee
October 2013 - Present

American Physical Therapy Association Orthopaedic Section: Nominating Committee
December 2012 - 2016
Role: Member

Foot and Ankle Special Interest Group: Curriculum Content Task Force
June 2012 - 2015
Role: Member

Foot and Ankle Pathology: AOPT International Classification of Functioning and Disability (ICF) Project
August 2007 - Present
Role: Team Leader

Manuscript reviewer for:
Journal of Hip Preservation, October 2014 - Present
Review 4-6 manuscripts per year
Journal of Orthopaedic and Sports Physical Therapy, May 2012 - Present
Review 4-6 manuscripts per year
American Journal of Sports Medicine, May 2011 - Present

Community Service:

Role: Co-director
Penn-Trafford Lacrosse Organization
September 2011 - Present

Role: Board of Directors
Western Pennsylvania Youth Lacrosse Association
December 2011-2012

Services to University/College/School on Committees/Councils/Commissions:

University

Office of Research and Innovation Awards Nominations
December 2022-present
Role: Committee member

University President's Award Committee
December 2008 - Present
Role: Committee member

International Program
December 2011 - Present
Role: Committee member

Bio-Engineering Committee
August 2012 - December 2012
Role: Committee member

School

International Graduate Program Development, John G. Rangos, Sr. School of Health Sciences
December 2013 - Present
Role: Committee member

Promotion and Tenure Committee
October 2009 - Present
Role: Chair

Graduate Program Development, John G. Rangos, Sr. School of Health Sciences
February 2009 - Present
Role: Committee member

Rangos Annual Review Form Committee, John G. Rangos, Sr. School of Health Sciences
January 2007 - Present
Role: Committee member

Outstanding Student Awards Committee, John G. Rangos, Sr. School of Health Sciences
March 2006 - Present
Role: Committee member

Faculty Search Committee, Health Science Program
April 2022- June 2022
Role: Committee member

Dean's Evaluation Committee, John G. Rangos, Sr. School of Health Sciences
April 2011 - March 2012
September 2008 - March 2009
Role: Committee member

Department

Faculty Search Committee, Department of Physical Therapy
January 2024- present
Role: Committee member

Student Engagement Committee
December 2021-present
Role: Committee member

Faculty Search Committee, Department of Physical Therapy
August 2018- January 2019
Role: Committee member

Continuing Education Committee, Department of Physical Therapy
April 2005 - Present
Role: Chairperson

Matriculation Examination Committee
January 2014 - July 2016
Role: Committee member

Chair's Evaluation Committee, Department of Physical Therapy
October 2015 - November 2015
Role: Committee member

Faculty Search Committee, Department of Physical Therapy
April 2013 - May 2014
Role: Committee member

Physical Therapy Curriculum Committee, Department of Physical Therapy
August 2012 – August 2019
January 2007 - January 2010

Role: Committee member

Faculty Search Committee, Department of Physical Therapy
June 2011 - November 2011
Role: Chairperson

Honors and Awards:

Richard W. Bowling – Richard E. Erhard Orthopaedic Clinical Practice Award
APTA - Orthopaedic Section
2015

Continuing Education Attended:

American Physical Therapy Association's Combined Sections Meeting
2011 - 2024

Current Teaching Responsibilities in the Entry-Level Program

PHYT516 Foundational Concepts I/Lab 2 nd Professional Year-Fall	Co-instructor
PHYT517 Foundational Concepts II/Lab 2 nd Professional Year-Spring	Co-instructor
PHYT 455-555 Integrated Clinical Education: Foundations of Practice I/lab 2 nd Professional Year-Fall	Co-instructor
PHYT-456-556 Integrated Clinical Education: Foundations of Practice II/lab 2 nd Professional Year-Spring	Co-instructor
PHYT525Orth Science of the Lower Quarter/Lab 2 nd Professional Year-Spring	Co-instructor