

CURRICULUM VITAE

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Education

2003 - Physical Therapy Graduation - Universidade Federal de Minas Gerais (UFMG) - Belo Horizonte - MG - Brazil

2006 - Specialization on Acupuncture - Instituto Superior de Ciências da Saúde (INCISA) - Belo Horizonte - MG - Brazil.

2005 - Specialization on Orthopedics and Sports Physical Therapy - Universidade Federal de Minas Gerais (UFMG) - Belo Horizonte - MG - Brazil.

2011 - Master degree on Rehabilitation Sciences - Supervisor: Sérgio Teixeira Fonseca - Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brazil.

2014 - PhD on Rehabilitation Sciences - Supervisor: Sérgio Teixeira Fonseca - with sandwich period at Vrije Universiteit (Supervisor: Evert Verhagen) - Universidade Federal de Minas Gerais - Belo Horizonte - MG - Brazil.

2016 - Post-Doctor on Physical Therapy - Supervisor: Fábio Viadanna Serrão - Universidade Federal de São Carlos (UFSCar) - São Carlos - SP - Brazil.

2020 – Visiting professor on Physical Therapy - Supervisor: Erik Witvrouw – Ghent University – Ghent - Belgium.

Experience (highlights of past 4 years)

2021 - 4TH GISPT INTERNATIONAL CONFERENCE - SPORTS INJURY PREVENTION. Speaker: The role of sport physiotherapist in sport Injury prevention. Italy

2021 – Supervision PhD Degree – “IDENTIFICAÇÃO DO PERFIL DE RISCO PARA LESÕES NOS MEMBROS SUPERIORES EM ESPORTES COM MOVIMENTOS ACIMA DA CABEÇA”. Student: Leonardo Luiz Barretti Secchi *Programa de Pós Graduação em Fisioterapia* - UFSCAR – São Carlos - SP - Brazil.

2021 – Supervision PhD Degree. “Perfil de risco para entorses de joelho e tornozelo em jogadores de futebol.”. Student: Fabrício Rapello. *Programa de Pós Graduação em Fisioterapia* - UFSCAR – São Carlos - SP - Brazil.

2020 - Symposium of the Indonesian Sport Physiotherapy group. Speaker: Sport injury prevention. Indonesia

2020 – Co-supervision Master Degree – “PREDICTING ACHILLES TENDINOPATHY IN ATHLETES WITH MACHINE LEARNING ALGORITHMS”. Student: Laurent Lecoutere. *Master Program of Science in Statistical Data analysis* – Ghent University – Ghent - Belgium

2020 – Supervision Master Degree – “Influência de um programa de prevenção de lesões em atletas de elite de ginástica”. Student: Mariana Weschenfelder. *Programa de Pós Graduação em Reabilitação e Desempenho Funcional* - UFVJM - Diamantina - MG - Brazil.

2019 - 5th International Scientific Days of the National Institute of Physiotherapy. Speaker: Risk Profile for Patellar Tendinopathy in Volleyball and Basketball athletes. Lebanon.

2019 - III World Congress of Sports Physical Therapy. Speaker: Learning from major games: Skills and strategies to improve teamwork. Vancouver, Canada.

2019 – Supervision Master Degree – “Efeito de Três Diferentes Modalidades de Fortalecimento dos Músculos Rotadores Laterais do Quadril Sobre a Rigidez Passiva de Rotação Medial da Articulação do Quadril”. Student: Hyalo Jesus Silva. *Programa de Pós Graduação em Reabilitação e Desempenho Funcional* - UFVJM - Diamantina - MG - Brazil.

2018 – Supervision Master Degree – “FATORES MUSCULOESQUELÉTICOS E DE POSICIONAMENTO SOBRE A BICICLETA ASSOCIADOS À OCORRÊNCIA DE DOR ANTERIOR NO JOELHO EM CICLISTAS DE MOUNTAIN BIKE.” Student: Guilherme Ribeiro Branco. *Programa de Pós Graduação em Reabilitação e Desempenho Funcional* - UFVJM - Diamantina - MG - Brazil.

2018 – Supervision Master Degree “EFEITOS DE UMA PAMILHA COM ELEVAÇÃO MEDIAL NA CINEMÁTICA E CINÉTICA DE CORREDORES COM VARISMO EXCESSIVO NO ALINHAMENTO DO PÉ”. Student: UIARA BRAGA *Programa de Pós Graduação em Reabilitação e Desempenho Funcional* - UFVJM - Diamantina - MG - Brazil.

2018 – Supervision Master Degree - “O CUSTO DAS LESÕES EM ATLETAS DE VOLEIBOL FEMININO: IMPACTOS NA SAÚDE DO ATLETA E NA GESTÃO FINANCEIRA DE CLUBES” Student: Marcela MENDES DE ALMEIDA GOMIDE LEITE. *Programa de Pós Graduação em Reabilitação e Desempenho Funcional* - UFVJM - Diamantina - MG - Brazil.

2017 - Workshop Presentation On "IOC World Conference Prevention Of Injury & Illness In Sport" With The Subject "Preseason Assessment In Athletes: How To Plan Preventive Interventions?" - *Internacional Olympic Committee (IOC) - Monaco*.

2016 - Presentation On "Team Concept Conference" With The Subject "The 2016 Olympics And Paralympics: The View From Brazil" - *Sports Physical Therapy Section (SPTS) / American Physical Therapy Association (APTA) - Las Vegas*.

2016 - Presentation On "X Congreso Argentino De Kinesiología Del Deporte" With The Subject "Pruebas De Detección De Factores Del Riesgo" - *Asociación De Kinesiología Del Deporte - Buenos Aires*.

Publications

Original articles (highlights of past 4 years)

EETVELDE, H. V. ; Mendonca, L. D. ; LEY, C. ; SEIL, R. ; TISCHER, T. . Machine learning methods in sport injury prediction and prevention: A systematic review. *JOURNAL OF EXPERIMENTAL ORTHOPAEDICS*, 2021.

FALTSTROM, A. ; KVIST, J. ; BITTENCOURT, NATÁLIA F.N. ; Mendonca, L. D. ; HAGGLUND, M. . Clinical Risk Profile for a Second Anterior Cruciate Ligament Injury in Female Soccer Players after Anterior Cruciate Ligament Reconstruction. *American Journal of Sports Medicine*, 2021.

Mascarenhas VM ; OLIVEIRA, R. R. ; NAZARENO, T. S. ; FREITAS, L. V. ; Mendonca, L. D. . Interaction of foot and hip factors identifies achilles tendinopathy occurrence in recreational runners. *PHYSICAL THERAPY IN SPORT*, p. 1-1, 2020.

OCARINO, JULIANA M. ; RESENDE, RENAN A. ; BITTENCOURT, NATALIA F.N. ; CORREA, RICARDO VA. ; MENDONÇA, LUCIANA M. ; REIS, GUILHERME F. ; SOUZA, THALES R. ; FONSECA, SERGIO T. . Normative data for hip strength, flexibility and stiffness in male soccer athletes and effect of age and limb dominance. *PHYSICAL THERAPY IN SPORT*, v. 47, p. 53-58, 2020.

FONSECA, SERGIO T. ; SOUZA, THALES R. ; VERHAGEN, EVERT ; VAN EMMERIK, RICHARD ; BITTENCOURT, NATALIA F. N. ; MENDONÇA, LUCIANA D. M. ; ANDRADE, ANDRÉ G. P. ; RESENDE, RENAN A. ; OCARINO, JULIANA M. . Sports Injury Forecasting and Complexity: A Synergetic Approach. *SPORTS MEDICINE*, v. 50, p. 1757-1770, 2020.

MACEDO, C. G. ; TADIELLO, F. ; MEDEIROS, L. ; ANTONELLO, M. ; ALVES, M. A. ; Mendonca, L. D. . Physical Therapy Service delivered in the Polyclinic During the Rio 2016 Paralympic Games. *PHYSICAL THERAPY IN SPORT*, v. 36, p. 62-67, 2019.

RESENDE, R. A. ; JARDIM, S. H. O. ; TREDE FILHO, R. G. ; MASCARENHAS, R. O. ; Ocarino, J. M. ; Mendonca, L. D. . Does trunk and hip muscles strength predict the performance during a core stability test?. *Brazilian Journal of Physical Therapy*, p. 00, 2019.

Mendonca, L. D. ; LEITE, H. ; ZWERVER, J. ; HENSCHKE, N. ; Branco GR ; OLIVEIRA, V. C. . How strong is the evidence that conservative treatment reduces pain and improves function in individuals with patellar tendinopathy? A systematic review of randomised controlled trials including GRADE recommendations. *BRITISH JOURNAL OF SPORTS MEDICINE*, p. bjsports-2018-7, 2019.

BRAGA, UIARA M. ; MENDONÇA, LUCIANA D. ; MASCARENHAS, RODRIGO O. ; ALVES, CAROLINA O.A. ; FILHO, RENATO G.T. ; RESENDE, RENAN A. . Effects of medially wedged insoles on the biomechanics of the lower limbs of runners with excessive foot pronation and foot varus alignment. *GAIT & POSTURE*, v. 74, p. 242, 2019.

Mendonca, L. D. ; OCARINO, JULIANA M. ; BITTENCOURT, NATÁLIA F.N. ; MACEDO, L. G. ; Fonseca ST . Association of Hip and Foot Factors With Patellar Tendinopathy (Jumper's Knee) in Athletes. *JOURNAL OF ORTHOPAEDIC & SPORTS PHYSICAL THERAPY*, p. 1-29, 2018.

BEKKER, SHEREE ; AHMED, OSMAN H ; BAKARE, UMMUKULTHOUM ; BLAKE, TRACY A ; BROOKS, ALISON M ; DAVENPORT, TODD E ; Mendonça, Luciana De Michelis ; FORTINGTON, LAUREN V ; HIMAWAN, MICHAEL ; KEMP, JOANNE L ; LITZY, KAREN ; LOH, ROLAND F ; MACDONALD, JAMES ; MCKAY, CARLY D ; MOSLER, ANDREA B ; MOUNTJOY, MARGO ; PEDERSON, ANN ; STEFAN, MELANIE I ; STOKES, EMMA ; VASSALLO, AMY J ; WHITTAKER, JACKIE L . We need to talk about manels: the problem of implicit gender bias in sport and exercise medicine. *BRITISH JOURNAL OF SPORTS MEDICINE*, v. 1, p. bjsports-2018-099084, 2018.

Mendonca, L. D. ; BITTENCOURT, NATÁLIA F.N. ; ALVES, L. E. M. ; RESENDE, R. A. ; Serrão FV . Interventions used for Rehabilitation and Prevention of Patellar Tendinopathy in athletes: a survey of Brazilian Sports Physical Therapists. *Brazilian Journal of Physical Therapy*, p. 1, 2018.

MENDONÇA, LUCIANA D. ; MACEDO, CHRISTIANE S.G. ; ANTONELLO, MARCIO C. ; ALVES, MARCO ANTÔNIO F. ; MEDEIROS, LEONARDO T. ; TADIELLO, FELIPE F. . Preparation and organization of Brazilian physical therapy for the Rio 2016 Olympic and Paralympic Games. *PHYSICAL THERAPY IN SPORT*, v. 25, p. 62-64, 2017.

MENDONÇA, LUCIANA D. ; BITTENCOURT, NATÁLIA F.N. ; TREVISAN, GIULIANNE . Opportunities for women in sport in Brazil: Expectations after Rio 2016. *PHYSICAL THERAPY IN SPORT*, v. 26, p. 49-51, 2017.

Abstracts (highlights of past 4 years):

GOMIDE, M. ; BITTENCOURT, N F N ; VERHAGEN, E. ; Mendonca, L. D. . The Prevalence and Incidence of injuries in Brazilian elite volleyball players. In: Third World Congress of Sports Physical Therapy, 2019, Vancouver. International journal of Sports Physical Therapy. Alexandria: SPTS - APTA, 2019. v. 1. p. 1-1.

Mendonca, L. D.; LEITE, H. ; ZWERVER, J. ; HENSCHKE, N. ; Branco GR ; OLIVEIRA, V. C. . The evidence for conservative treatment in reducing pain and improving function in patellar tendinopathy is of low quality: a systematic review of randomised controlled trials including GRADE recommendations. In: Third World Congress of Sports Physical Therapy, 2019, Vancouver. International journal of Sports Physical Therapy. Alexandria: SPTS - APTA, 2019. v. 1. p. 1-1.

BITTENCOURT, N F N ; VAZ, R. ; OLIVEIRA, R. R. ; SCATTONE-SILVA, R. ; GOMIDE, M. ; Mendonca, L. D. . Preventive effect of tailored exercises on patellar tendinopathy in youth athletes. In: Third World Congress of Sports Physical Therapy, 2019, Vancouver. International journal of Sports Physical Therapy. Alexandria: SPTS - APTA, 2019. v. 1. p. 1-1.

Alves K ; RESENDE, R. A. ; MASCARENHAS, R. O. ; SILVA, H. ; TREDE FILHO, R. G. ; MENDONCA, L. . Passive hip stiffness influences hip kinematics on transverse plane during the single-leg squat,. In: Third World Congress of Sports Physical Therapy, 2019, Vancouver. International journal of Sports Physical Therapy. Alexandria: SPTS - APTA, 2019. v. 1. p. 1-1.

GOMIDE, M. ; Bittencourt NFF ; VERHAGEN, E. ; Mendonca, L. D. . Financial costs of musculoskeletal injuries in elite female volleyball players,. In: Third World Congress of Sports Physical Therapy, 2019, Vancouver. International journal of Sports Physical Therapy. Alexandria: SPTS - APTA, 2019. v. 1. p. 1-1.

OLIVEIRA, R. R. ; Mascarenhas VM ; NAZARENO, T. ; FREITAS, L. ; CAMELO, P. R. P. ; Mendonca, L. D. . THERE IS NO DIFFERENCE IN HIP STRENGTH BETWEEN RUNNERS WITH AND WITHOUT ACHILLES TENDINOPATHY. In: 5th International Scientific Tendinopathy Symposium (ISTS), 2018, Groningen. Annals of the 5th International Scientific Tendinopathy Symposium (ISTS). Gronigen: Gronigen University, 2018. v. 1. p. 1-1.

OLIVEIRA, R. R. ; CAMELO, P. R. P. ; SOUZA, M. ; Mascarenhas VM ; Mendonca, L. D. . ADHERENCE TO ACHILLES TENDINOPATHY GUIDELINES BY BRAZILIAN PHYSIOTHERAPISTS: A CROSS- SECTIONAL STUDY. In: 5th International Scientific Tendinopathy Symposium (ISTS), 2018, Groningen. Annals of the 5th International Scientific Tendinopathy Symposium (ISTS). Gronigen: Gronigen University, 2018. v. 1. p. 1-1.

Mendonca, L. D.; Bittencourt, Natália F.N. ; Silva, D. ; Prado, L. . The Frontal Plane Knee Projection Angle In Elite Male Volleyball Athletes Is Increased After An Incremental Shuttle Run Test Until Voluntary Fatigue. In: Ioc World Conference On Prevention Of Injury And Illness In Sport, 2017, Monaco. British Journal Of Sports Medicine. London: Bmj Publishing Group, 2017. V. 51.

Mendonca, L. D.; Bittencourt, Natália F.N. ; Ocarino J ; Fonseca St . Prevalence Of Patellar Tendon Pain History In Brazilian Volleyball And Basketball Athletes. In: Ioc World Conference On Prevention Of Injury And Illness In Sport, 2017, Monaco. British Journal Of Sports Medicine. London: Bmj Publishing Group, 2017. V. 51.

Committee work

2021 – Co-chair of the Sports Physiotherapy Networking session on World Physiotherapy Congress

2021 - Member of the Scientific Committee of COBRAAF (Brazilian National PT Congress) – Rio de Janeiro - RJ - Brazil

2019 – Co-chair of the ISAKOS Congress Sports Rehabilitation Concurrent Course (Cancun, Mexico).

2017-2021 – IFSPT EB member (Membership Committee chair, Secretary, Research Committee chair)

2016 - 2017 - President of SONAFE

2016 - Member of the Organizing Committee of the Physical Therapy Services of Rio 2016 Games.

2012-2015 - Executive Board of SONAFE

2015 - President of the Scientific Committee of SONAFE's Conference - Florianópolis - SC - Brazil

2013 - Member of the Scientific Committee of SONAFE's Conference - São Paulo - SP - Brazil

2007 - Member Organizing Committee of SONAFE's Conference - Ouro Preto - MG - Brazil