

Carla Vanti – Curriculum Vitae

MSc (Rehabilitation Science), PT (Physical Therapist), OMPT (Orthopaedic Manipulative Physical Therapist), Cred MDT (Credentialling Mechanical Diagnosis and Therapy – McKenzie Method).

Riepilogo delle qualifiche

Dottore Magistrale in Scienze delle Professioni Sanitarie della Riabilitazione

Dottore in Fisioterapia

Terapista della Riabilitazione

Master in Riabilitazione dei Disordini Muscoloscheletrici

Diploma di Esperto di Formazione

Cred MDT (Credentialling Mechanical Diagnosis and Therapy) - Metodo McKenzie

Diploma di Terapia Manuale

Diploma Corso di Formazione Avanzata in Terapia Manuale degli Arti Inferiori, del Bacino e del Rachide Lombare

Diploma Corso di Formazione Avanzata in Terapia Manuale degli Arti Superiori e del Tronco

Diploma Corso di Formazione Avanzata in Terapia Manuale del Distretto Cranio Cervico Mandibolare

Diploma Superiore di Rieducazione Posturale Globale

Diploma Corso Maitland - 1° livello

Associate member of London College of Osteopathy – London Ontario (Canada)

Istruzione

Laurea Specialistica in Scienze della Riabilitazione il 16.12.2010 presso l'Università di Firenze

Laurea in Fisioterapia il 17.02.2003 presso l'Università Tor Vergata di Roma

Diploma di Terapista della Riabilitazione il 1.07.1977 presso la Scuola per Terapisti della Riabilitazione - Ente

Ospedaliero di Bologna

Master in Riabilitazione dei Disordini Muscoloscheletrici – Anno Accademico 2003-2004 – Università degli Studi di Genova

Formazione Specialistica Post-Diploma su: Metodo Bobath (E.Muller), Esercizio Terapeutico Conoscitivo (C.Perfetti), Tecniche di Rilassamento Psicosomatico (B.Barnabei e P.Affanni), Medicina Ortopedica Cyriax (B.De Coninck), Mechanical Diagnosis and Therapy (M.Laslett & P.Van Wijmen), Mobilizzazione del Sistema Nervoso N.O.I. (D.Butler), Kinetic Control (D.Andreotti), Rehabilitation of cervical spine disorders (G.Jull & D.Falla), Muscle Energy Techniques (B.Hungerford), Clinical Reasoning (M.Jones), Manual Therapy (B.Vicenzino), Kinesiotaping (D.Villa).

Esperienza professionale

Consorzio socio-sanitario di Vignola dal 1977 al 1978

Ospedale S. Maria della Scaletta di Imola dal 1978 al 1979

Ospedale Malpighi, USL 28 e Azienda Osp.Bologna dal 1979 al 1999

Presso il proprio studio di fisioterapia dal 1999 ad oggi

Attività professionali aggiuntive

Terapista insegnante a tempo pieno dal 1981 al 1990

Docente presso i Corsi per fisioterapisti tutor nel 1997

Docente presso le Scuole per Terapisti della Riabilitazione di Bologna, Cesena, Imola, Ravenna dal 1990 al 1998

Docente presso i Corsi per Assistenti di Base dal 1988 al 1995

Docente presso la Scuola Infermieri C.R.I. dal 1980 al 1998

Professore a contratto Corso di Laurea in Fisioterapia Bologna dal 1996 al 2017

Professore a contratto Corso di Laurea in Fisioterapia Ferrara dal 2000 al 2017

Professore a contratto – Master in Terapia Manuale e Riabilitazione Muscolo-scheletrica – Università di Padova dal 2005 ad oggi

Professore a contratto – Master in Fisioterapia

Muscoloscheletrica – Università di Bologna dal 2016 ad oggi

Altre qualifiche

Docente S.I.R.I. (Scuola Italiana di Riabilitazione Integrata)

Socio Benemerito del Gruppo di Studio della Scoliosi e delle Patologie Vertebrali

Socio onorario dell'Associazione Italiana Fisioterapisti

Membro della commissione di progetto su criteri e standard per l'accreditamento professionale – Agenzia Sanitaria Regionale – Regione Emilia-Romagna

“Esperto nella professione Fisioterapista” della Commissione Nazionale per la Formazione Continua del Ministero della Salute, per la valutazione culturale e scientifica degli eventi formativi relativi agli anni 2002-2004 (Progetto E.C.M.)

Già consulente Scientifico della casa Editrice Elsevier-Masson

Peer-review per le riviste: Journal of Manipulative and Physiological Therapeutics, Scientific Research and Essays, Qatar Medical Journal, International Journal of Nursing Studies, BMC Musculoskeletal Disorders, BMC Public Health, Disability and Rehabilitation, Functional Neurology, Physiotherapy Theory and Practice, Rehabilitation Nursing, Brazilian Journal of Physical Therapy, The Journal of Sport Rehabilitation, Healthcare.

Associate Editor delle Riviste Scienza Riabilitativa e Archives of Physiotherapy.

PUBBLICAZIONI

- 1) Vanti C., Molinari N., Cilloni D., Mazzatinta V. "La lombalgia e il metodo McKenzie" - Quaderni A.I.T.R. – 1993; 16(2): 1-7
- 2) Vanti C., Molinari N., Cilloni D., Mazzatinta V. "The method according to McKenzie in the treatment of lumbago. A clinical experience". La Riabilitazione 1995; 28(1): 43-60 - EMBASE (R) DVD 1993-1995.
- 3) Vanti C. "Histoire d'un traitement en R.P.G. en hôpital, ou comment passer de la thérapie à la prévention" - Rééducation Posturale Globale 1996 Sept (55) : 28-31
- 4) Ferrari S., Vanti C. "Effetto di una procedura di allungamento attivo degli ischiocrurali sulla forza dei flessori e degli estensori del ginocchio"- Scienza Riabilitativa 1997 Lug; 1(Suppl. al n°2): 11-13
- 5) Ferrari S., Vanti C. "Topical interest of the Reeducation Posturale Globale in the treatment of low back pain" - Résonances Européennes du Rachis 1997 Sept; 15: 34- 45
- 6) Ferrari S., Pillastrini P., Vanti C. "Riabilitazione Integrata delle lombalgie" – I edizione Masson, Milano, 1998;
- 7) Vanti C. "La diagnosi e terapia meccanica per gli arti (secondo M.Laslett)" in: Riabilitazione Integrata delle patologie della caviglia e del piede" di Casonato O., Poser A. – Masson, Milano, 2000 Cap.7:165-173
- 8) Cesari E., Vanti C., Culiarsi C. La valutazione dell'outcome in un gruppo di soggetti lombalgici mediante la Quebec Back Pain Disability Scale. Scienza Riabilitativa 2000 Giugno; 4(1):17-24
- 9) Vanti C., Costa E., Ferrari S., Pillastrini P., Culiarsi C "L'efficacia nel tempo di due diversi trattamenti conservativi per lombalgia: il metodo McKenzie e la Back School. Studio retrospettivo con follow-up a 3-7 anni" Scienza Riabilitativa 2001; 5(3): 6-11
- 10) Ferrari S., Pillastrini P., Vanti C. "Riabilitazione Integrata delle lombalgie" – II edizione Masson, Milano, 2002
- 11) Vanti C., Ferrari S., Ramponi S. "L'articolazione sacroiliaca. Fisiopatologia, clinica e trattamento" – Masson, Milano, 2003
- 12) Borghi S., Vaccari V., Vanti C., Acquaviva G., Pillastrini P. "McKenzie's method and compliance of patients: what long term effectiveness?". Scienza Riabilitativa 2005 Sep; 7(3): 5-14 - CINAHL AN: 2009214980
- 13) Vanti C., Romeo A., Ferrari S., Pillastrini P. "Lumbar spinal stenosis. Evidence and clinic". Scienza Riabilitativa, 2005 Dec; 7(4): 17-28 - CINAHL AN: 2009214997
- 14) Ferrari S.; Vanti C. "La valutazione posturale" in: "Nuovo Trattato di Medicina Fisica e Riabilitazione" – Vol I - Basi, Valutazione Funzionale e Diagnostica - a cura di G.N. Valobra, R.Gatto e M.Monticone – Ed. UTET, Torino, 2007 Cap 10: 127-151
- 15) Vanti C., Natalini L., Romeo A., Tosarelli D., Pillastrini P. "Conservative Treatment of Thoracic Outlet Syndrome – A Review of the Literature" Europa Medico Physica ('EUROPEAN JOURNAL OF PHYSICAL AND REHABILITATION MEDICINE') 2007 Mar;43:55-70.
- 16) Vanti C., Generali A., Ferrari S., Nava T., Tosarelli D., Pillastrini P. "Reeducation Posturale Globale in musculoskeletal diseases: scientific evidence and clinical practice", Reumatismo 2007 59(3): 192-201
- 17) Vanti C., Ferrari S. «Approccio clinico alla patologia sacro-iliaca" - In: "Nuovo Trattato di Medicina Fisica e Riabilitazione – Vol III - a cura di G.N. Valobra, R.Gatto e M.Monticone – Ed. UTET, Torino, 2008: 1647-1660
- 18) Visentin E., Vanti C. "Neural mobilization after lumbar surgery: a literature review". Scienza Riabilitativa, 2008 Apr; 10 (2): 11-8 - CINAHL AN: 2009925038
- 19) Ferrarese N., Romeo A., Vanti C., Tosarelli D. "Post surgical rehabilitation of femur fractures. Literature review and therapeutic rationale." Scienza Riabilitativa, 2008 Apr; 10 (2): 19-27 - CINAHL AN: 2009925040

- 20) Vanti C., Ferrari S., Morsillo F., Tosarelli D., Pillastrini P. "Manual Therapy for Non-Specific Thoracic Pain in Adults: Review of the Literature". *Journal of Back and Musculoskeletal Rehabilitation*, 2008; 21(3): 143-152 - EMBASE (R) DVD 2007-2008/11 - CINAHL AN: 2010061109 - Indexed by PEDro – Physiotherapy Evidence Database (I.F.: 0.613)
- 21) Ferrari S., Vanti C. "Disfunzioni osteo-articolari del cingolo pelvico" – In: "Riabilitazione del pavimento pelvico" di Bortolami A. – Elsevier, Milano, 2009 Cap 3:79-84
- 22) Cecchia A., Vanti C., Dell'Accio D. "Joint manipulation: neuro-physiologic and bio-mechanical evidences". *Scienza Riabilitativa*, 2009 Jan; 11 (1): 8-14 - CINAHL AN: 2010181195
- 23) Fabbri L; Vanti C. "The conservative treatment in ankylosing spondylitis: a literature review". *Scienza Riabilitativa*, 2009 Jan; 11 (1): 25-32 - CINAHL AN: 2010181198 - Indexed by PEDro – Physiotherapy Evidence Database
- 24) Ferrari S., Vanti C. "Which signs and symptoms can indicate the presence of serious pathologies, in subjects with LBP?" *Scienza Riabilitativa* 2009;11(2): 5-17 CINAHL AN: 2010308832
- 25) Monticone M., Baiardi P., Ferrari S., Foti C., Mugnai R., Pillastrini P., Vanti C., Zanolì G. "Development of the Italian Version of the Oswestry Disability Index (ODI-I). A cross-cultural adaptation, reliability, and validity study" *Spine*, 2009; 34(19): 2090-5. Lavoro vincitore del premio ISICO (Istituto Scientifico Italiano Colonna Vertebrale) anno 2010, per la ricerca in Riabilitazione delle Patologie vertebrali. Premiazione durante il Congresso Internazionale Rachide & Riabilitazione - 20 marzo 2010 - Milano-Assago
- 26) Vanti C. Development of the Italian Version of the Oswestry Disability Index (ODI-I). A cross-cultural adaptation, reliability, and validity study" (Recensione) *Scienza Riabilitativa* 2009;11(4):27-29 CINAHL AN: 2010452888
- 27) Ferrari S., Nava T., Vanti C. "The role of the exercise for the prevention of osteoporosis, from the adolescence to the old age". *Scienza Riabilitativa* 2009;11(4): 9-16 CINAHL AN: 2010452870
- 28) Lolli S., Di Leo G., Vanti C. "Reliability and diagnostic accuracy of neurodynamic tests: a literature review." *Scienza Riabilitativa* 2009;11(4): 17-25 CINAHL AN: 2010452885
- 29) Ferrari S., Pillastrini P., Testa M., Vanti C. *Riabilitazione postchirurgica nel paziente ortopedico*. Elsevier, Milano, 2010.
- 30) Boschi M., Santandrea S., Vanti C. "Efficacy of Cognitive Behavioural Therapy in non-specific neck pain: a systematic review". *Scienza Riabilitativa* 2010; 12(1): 5-15 CINAHL AN: 2010541928 - Indexed by PEDro – Physiotherapy Evidence Database
- 31) Di Leo G., Vanti C. "Carpal tunnel syndrome – A review of the literature." *Scienza Riabilitativa* 2010; 12(1): 16-27 CINAHL AN: 2010541935
- 32) Vanti C., Gasperini M., Morsillo F., Pillastrini P. "Low Back Pain in adolescent gymnasts. Prevalence and risk factors". *Scienza Riabilitativa* 2010; 12(2): 45-50 CINAHL AN: 2010638256
- 33) Vanti C., Conteddu L., Guccione A., Morsillo F., Parazza S., Viti C., Pillastrini P. "The Upper Limb Neurodynamic Test 1: intra- and inter-tester reliability and the effect of several repetitions on Pain and Resistance". *Journal of Manipulative and Physiological Therapeutics* 2010; 33(4): 292-9.
- 34) Bonetti F., Curti S., Mattioli S., Mugnai R., Vanti C., Violante FS., Pillastrini P. Effectiveness of a 'Global Postural Reeducation' program for persistent Low Back Pain: a non-randomised controlled trial. *BMC Musculoskeletal Disorders* 2010, 11:285.
- 35) Vanti C., Bonfiglioli R., Calabrese M., Marinelli F., Guccione A., Violante F.S., Pillastrini P. Upper Limb Neurodynamic Test 1 and symptoms reproduction in carpal tunnel syndrome. A validity Study. *Man Ther.* 2011; 16(3): 258-63
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- 37) Capra F, Vanti C., Donati R., Tombetti S., O'Reilly C., Pillastrini P. Validity of the Straight-Leg Raise Test for patients with sciatic pain with or without lumbar pain using Magnetic Resonance Imaging results as a reference standard. *J Manipulative Physiol Ther.* 2011; 34 (4):231-8. Lavoro inserito da SciVerse – Science Direct. tra i "TOP 25 Hottest Articles " del *J Manipulative Physiol Ther.*
- 38) De Nuzzo M.L., Giovannico G., Maselli F., Vanti C. Reliability and diagnostic accuracy of the peripheral nervous system palpation tests. A narrative review. *Scienza Riabilitativa* 2011; 13(3): 20-27. CINAHL AN: 2011216105

- 39) Monticone M., Baiardi P., Vanti C., Ferrari S., Pillastrini P., Mugnai R., Foti C. Responsiveness of the Oswestry Disability Index and the Roland Morris Disability Questionnaire in Italian subjects with sub-acute and chronic low back pain. *European Spine Journal* 2012 Jan;21(1):122-9
- 40) Monticone M, Baiardi P, Ferrari S, Foti C, Mugnai R, Pillastrini P, Rocca B, Vanti C. Development of the Italian version of the Pain Catastrophising Scale (PCS-I): cross-cultural adaptation, factor analysis, reliability, validity and sensitivity to change. *Qual Life Res.* 2012 Aug;21(6):1045-50
- 41) Vanti C., Bonfiglioli R., Calabrese M., Marinelli F., Violante F.S., Pillastrini P. Relationship between interpretation and accuracy of the Upper Limb Neurodynamic Test 1 in carpal tunnel syndrome. *J Manipulative Physiol Ther.* 2012 Jan;35(1):54-63.
- 42) Monticone M., Baiardi P., Bonetti F., Ferrari S., Foti C., Pillastrini P., Rocca B., Vanti C., Zanolì G. The Italian Version of the Fear Avoidance Belief Questionnaire, FABQ-I. Cross-cultural adaptation, factor analysis, reliability, validity, and sensitivity to change. *Spine* 2012;37(6): E374–E380
- 43) Monticone M, Baiardi P, Vanti C, Ferrari S, Nava T, Montironi C, Rocca B, Foti C, Teli M. Chronic neck pain and treatment of cognitive and behavioural factors. Results of a randomised controlled clinical trial. *European Spine Journal* 2012(21):1558-1566 Progetto finanziato da AISD (Associazione Italiana Studio del Dolore), intitolato al Prof. L. Vecchiet (anno 2008).
- 44) Ferrari S., Vanti C., O'Reilly C. Clinical Presentation and Physiotherapy Treatment in patients with Isthmic Spondylolisthesis. Report on four cases. *Journal of Chiropractic Medicine* 2012; 11(2)94-103.
- 45) Salvagno E., Vanti C. Efficacy of rehabilitation treatment and prevention of low back pain related to manual handling of patients. A literature review. *Scienza Riabilitativa* 2012;14(3):5-13. CINAHL AN: 2011629203
- 46) Vanti C, Monticone M, Ceron D, Bonetti F, Piccarreta R, Guccione AA, Pillastrini P. Italian Version of the Physical Therapy Patient Satisfaction Questionnaire: Cross-Cultural Adaptation and Psychometric Properties. *Phys Ther.* 2013; 93(7):911-22.
- 47) Vanti C, Bonetti F, Ceron D, Piccarreta R, Violante FS, Guccione A, Pillastrini P. Cross-cultural adaptation and validation of the Physical Therapy Outpatient Satisfaction Survey in an Italian musculoskeletal population. *BMC Musculoskelet Disord* 2013 Apr 5;14:125.
- 48) Vanti C, Prosperi D, Boschi M. The Prolo Scale: history, evolution and psychometric properties. *Journal of Orthopaedics and Traumatology (JORT)* 2013 Dec; 14(4):235-45.
- 49) Tassinari C, Romeo A, Broggi L, Vanti C. Clinical diagnostic criteria for cervicogenic dizziness: review of the literature. *Scienza Riabilitativa* 2013;15(2):24-35.CINAHL AN: 2012108491
- 50) Romeo A, Parazza S, Boschi M, Nava T, Vanti C. Manual therapy and therapeutic exercise in the treatment of osteoarthritis of the hip: a systematic review. *Reumatismo* 2013;65 (2):55-66.
- 51) Pillastrini P, Bonfiglioli R, Banchelli F, Capra F, De Lima e Sà Resende F, Villafane H, Vanti C, Violante FS. The Effect of a Multimodal Group Program in Hospital Workers with Persistent Low Back Pain: a Prospective Observational Study. *La Medicina del Lavoro* 2013; 104,5:380-392.
- 52) Branco V, Romeo A, Vanti C. Clinical diagnostic criteria for cervicogenic headache. A narrative review of the literature. *Scienza Riabilitativa* 2013;15(3):5-15.
- 53) Vanti C, Pillastrini P. Assessment of carpal tunnel syndrome: overview of clinical tests. In: Ledford M. (Ed). *Carpal Tunnel Syndrome: Risk Factors, Symptoms and Treatment Options. Neuroanatomy Research at the Leading Edge* ISBN: 978-1-63321-142-1 Nova Science Publishers, Hauppauge, NY (USA) 2014:57-90
- 54) Monticone M, Ferrante S, Ferrari S, Foti C, Mugnai R, Pillastrini P, Rocca B, Vanti C. The Italian version of the Pain Beliefs and Perceptions Inventory, PBAPI-I. Cross-cultural adaptation, factor analysis, reliability and validity. *Quality of Life Research* 2014 Aug; 23(6):1789-95.
- 55) Monticone M, Ferrante S, Ferrari S, Foti C, Mugnai R, Pillastrini P, Rocca B, Vanti C. The Pain Stages of Change Questionnaire. Cross-cultural adaptation, confirmatory factor analysis, reliability and validity in Italian subjects with chronic low back pain. *Int J Rehabil Res.* 2014 Sep;37(3):205-11.
- 56) Parazza S, Vanti C, O' Reilly C, Villafañe JH, Tricas Moreno JM, Estebanez de Miguel E. The relationship between cervical flexor endurance, cervical extensor endurance, VAS, and disability in subjects with neck pain. *Chiropractic & Manual Therapies* 2014, 22(1):10.

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- 58) Ferrari S, Vanti C, Piccarreta R, Monticone M. Pain, disability, and diagnostic accuracy of clinical instability and endurance tests in subjects with lumbar spondylolisthesis. *J Manipulative Physiol Ther.* 2014; 37(9):647-659.
- 59) Rattin S, Cupello A, Ferrari S, Vanti C. Quale esercizio terapeutico per il multifido lombare? Revisione sistematica della letteratura. *Scienza Riabilitativa* 2014; 16(4):5-11.
- 60) Vanti C, Borghi S, Pillastrini P. Group treatment for chronic low back pain: theory, practice and effectiveness. In: Derrickson H (Ed). *Group Therapy: Theory, Practices and Effectiveness*. ISBN: 978-1-63463-173-0 Nova Science Publishers, Hauppauge, NY (USA), 2014:75-101.
- 61) De Marco M, Vanti C, Pillastrini P, Romeo A. Structural and Functional Changes of Cervical Neuromuscular System Associated with Insidious Onset Mechanical Neck Pain: A literature Review. *Int J Phys Ther Rehab* 2014,1:103
- 62) Vanti C, Bertozzi L, Gardenghi I, Turoni F, Guccione AA, Pillastrini P. The effect of taping on spinal pain and disability: Systematic Review and meta-analysis of randomized trials. *Phys Ther.* 2015 Apr;95(4):493-506
- 63) Chiarotto A, Vanti C, Ostelo RW, Ferrari S, Tedesco G, Rocca B, Pillastrini P, Monticone M. The Pain Self-Efficacy Questionnaire: Cross-Cultural Adaptation into Italian and Assessment of Its Measurement Properties. *Pain Pract.* 2015 Nov;15(8):738-47
- 64) Pillastrini P, Vanti C, Curti S, Mattioli S, Ferrari S, Violante FS, Guccione A. Using PubMed search strings for efficient retrieval of manual therapy research literature. *J Manipulative Physiol Ther.* 2015; 38(2):159-66.
- 65) Bertozzi L, Valdes K, Vanti C, Negrini S, Pillastrini P, Villafañe JH. Investigation of the effect of Conservative Interventions in Thumb Carpometacarpal Osteoarthritis: Systematic review and meta-analysis. *Disability and Rehabilitation* 2015; 37(22):2025-43.
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- 67) Ferrari S, Manni T, Bonetti F, Villafañe JH, Vanti C. A literature review of clinical tests for lumbar instability in low back pain: validity and applicability in clinical practice. *Chiropractic & Manual Therapies* 2015; 8; 23:14.
- 68) Pillastrini P, Ferrari S, Rattin S, Cupello A, Villafañe JH, Vanti C. Exercise and tropism of the multifidus muscle in low back pain. A short review. *The Journal of Physical Therapy Science* 2015, 27(3):943-945
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- 70) Zanella F, Vanti C. *Tecnica Pompage. Il release mofasciale*. ISBN: 978-88-299-2653-4. Piccin, Padova, 2015.
- 71) Bertozzi L, Rosso A, Romeo A, Villafañe JH, Guccione A, Pillastrini P, Vanti C. The accuracy of Pain Drawing in identifying psychological distress in low back pain - Systematic Review and Metaanalysis of diagnostic studies. *The Journal of Physical Therapy Science* 2015, 27:3319–3324
- 72) Ferrari S, Chiarotto A, Pellizzer M, Vanti C, Monticone M. Pain self-efficacy and fear of movement are similarly associated to pain intensity and disability in Italian patients with chronic low back pain. *Pain Practice*, 2015 Nov 7.
- 73) Vanti C, Bonfiglioli R, Ruggeri M, Pillastrini P. Reflections on the diagnostic accuracy of the Upper Limb Neurodynamic Test 1. *Man Ther.* 2016 Jun;23:e15-6.
- 74) Chiarotto A, Vanti C, Cedraschi C, Ferrari S, de Lima e Sá Resende F, Ostelo RW, Pillastrini P. Responsiveness and minimal important change of the Pain Self-Efficacy Questionnaire and short forms in patients with chronic low back pain. *J Pain.* 2016 Jun;17(6):707-18.
- 75) Pillastrini P, De Lima E Sá Resende F, Banchelli F, Burioli A, Di Ciaccio E, Guccione AA, Villafañe JH, Vanti C. Effectiveness of Global Postural Reeducation in Patients With Chronic Nonspecific Neck Pain: A Randomized Controlled Trial. *Phys Ther.* 2016 Sep;96(9):1408-16
- 76) Vanti C, Conti C, Faresin F, Ferrari S, Piccarreta R. The relationship between clinical instability and endurance tests, pain and disability in non-specific low back pain. *Journal of Manipulative and Physiological Therapeutics* 2016 Jun;39(5):359-68.

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- 79) Villafañe JH, Pirali C, Isgrò M, Vanti C, Buraschi R, Negrini S. Effects of Action Observation Therapy in Patients Recovering From Total Hip Arthroplasty: A Prospective Clinical Trial. *J Chiropr Med*. 2016 Dec;15(4):229-234.
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- 81) **Vanti C**, Ferrari S, Berjano P, Villafane J, Monticone M. Responsiveness of the Bridge maneuvers in subjects with Symptomatic Lumbar Spondylolisthesis: A prospective cohort Study. *Physiotherapy Research International* 2017;22(4).
- 82) **Vanti C**, Ferrari S, Villafane J, Berjano P, Monticone M Responsiveness and Minimum Important Change of the Oswestry Disability Index in Italian subjects with Symptomatic Lumbar Spondylolisthesis. *J Orthop Traumatol*. 2017 Jun;18(2):145-150.
- 83) Margelli M, **Vanti C**, Villafane J, Andreotti R. Neck pain and dysphagia associated to disc protrusion and reduced functional stability: A case report. *Journal of Bodywork and Movement Therapies* 2017 Apr;21(2):322-327
- 84) De Lima e Sá Resende F, **Vanti C**, Banchelli F, Trani Brandao JG, Oliveira Amorim JB, Villafañe JH, Guccione A, Pillastrini P. The effect of Global Postural Reeducation on body weight distribution in sitting posture and on musculoskeletal pain. A pilot study. *Medicina del Lavoro*, 2017 Jun 28;108(3):187-196.
- 85) Ferrari S, Celico L, Morassi S, **Vanti C**. The effectiveness of Nordic Walking on pain and disability in low back pain. A systematic review. *Scienza Riabilitativa* 2017, 19(4):5-12
- 86) **Vanti C**, Villafañe JH, Branchini M, Giacobazzi M, Ruggeri M, Negrini S, Guccione A, Pillastrini P. The Italian version of the Outpatient Physical Therapy Improvement in Movement Assessment Log: cross-cultural adaptation and psychometric properties. *Int J Rehabil Res*. 2018 Mar;41(1):28-34
- 87) Ferrari S, Villafane J, Berjano, **Vanti C**, Monticone M. How many physical therapy sessions are required in symptomatic lumbar spondylolisthesis? A retrospective study. *Journal of Bodywork & Movement Therapies* 2018 Jan;22(1):18-23.
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