Coordinative Locomotor Training (CLT) Literature list (Ordered by year) from South Korea

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- 1. Park MH. The Effect of Coordinative Locomotor Training on Physical Factors in Falls and Balance in the Elderly with Mild Cognitive Impairment. Department Physical therapy Graduate School. Honam University, 2019.
- 2. Kim HD, Choi JW and Cho YH. The Effect of Upper and Lower Extremity Coordination Training with Elastic Band on Balance and Functional Ability for Chronic Stroke Patients. PNF and Movement. 2019; 17(1): 119-27.
- 3. Cho WS, Park SJ and Choi AY. The Effect of Coordinative Locomotor Training with Elastic Band on Balance and Flexibility in Elementary School Baseball Players. Journal of the Korea Convergence Society. 2019; 10(7): 261-6.
- 4. Park SJ. The Effects of Coordinative Locomotor Training Combined with Climbing on Trunk Muscles Thickness, Balance, and Self-Efficacy. Major in Physical Therapy, Graduate School of Health Science. Nambu university, 2018.
- 5. Lim JH, Jang HJ, Cho WS and Park SJ. The Effects of Coordinative Locomotor Training Combined with Climbing on the Trunk Muscles in Adults. PNF and Movement. 2018; 16(3): 405-12.
- 6. Kim YH and Lee HS. Effects of Skater and Sprinter Combined Pattern in PNF on Muscle Contraction Onset Time and Muscle Activation of Trunk Muscle. Archives of Orthopedic and Sports Physical Therapy. 2018; 14(2): 55-64.
- 7. Kim JC and Lim JH. The Effects of Coordinative Locomotor Training on Coordination and Gait in Chronic Stroke Patients: A Randomized Controlled Pilot Trial. Journal of Exercise Rehabilitation. 2018; 14(6): 1010-6.
- 8. Park SJ. The Immediate Effects of Proprioceptive Neuromuscular Facilitation with Taping on Gait Parameters in Patients with Chronic Stroke. Journal of Physical Therapy Science. 2017; 29:2018-21.
- 9. Ko HE, Jeon BS and Song HS. Effects of Coordinative Locomotor Training Program on Balance and Gait of Stroke Patients. PNF and Movement. 2017; 15(3): 247-52.

- 10. Kim JC, Kim TY and Lee JA. Effect of Coordinative Locomotor Training on Balance and Plantar Foot Pressure in Scoliosis Patients -a Single Subject Study-. PNF and Movement. 2017; 15(3): 227-36.
- 11. Hwang JK, Park JS and Lim JH. Effects of Coordinative Locomotor Training Program on Low Extremity Strength, Balance and Quality of Life in Patients with Cancer: Single-Subject Design. Journal of The Korean Society of Physical Medicine. 2017; 12(4): 47-59.
- 12. Choi KY, Jeong HY and Maeng GC. The Effect of the PNF Pattern Combined with Whole-Body Vibration on Muscle Strength, Balance, and Gait in Patients with Stroke Hemiplegia. PNF and Movement. 2017; 15(2): 185-94.
- 13. Cho HS, Cha HG and Shin HS. The Effects of PNF Upper- and Lower-Limb Coordinated Exercise on the Balancing and Walking-Abilities in Stroke Patients. PNF and Movement. 2017; 15(1): 27-33.
- 14. Pyo AY, Kim SH, Kim TU, et al. Changes of Dynamic Balance and Flexibility after Skater and Sprinter Pattern. Journal of Korean Clinical Health Science. 2016; 4(3): 644-51.
- 15. Ko HE, Song HS and Jeon BS. Effects of Functional Taping and CLT Program on the Fall Efficacy and Balance of Stroke Patients with Knee Pain on the Non-Affected Side. PNF and Movement. 2016; 14(3): 203-8.
- 16. Kim TY and Kim SH. The Effects of a Coordinative Locomotor Training Program on the Functional Movement Screen Scores of Badminton Players. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2016; 14(1): 23-32.
- 17. Kim JC, Lee MK, Lee JA and Ko HE. The Effect of Coordinative Locomotor Training on Walking in a Chronic Stroke Patient -a Single Subject Design-. PNF and Movement. 2016; 16(1): 7-17.
- 18. Hwang SS, Maeng GC, Kim JI and Jung CW. The Effects of Coordinative Locomotion Training Using the PNF Pattern on Walking in Patients with Spinal Cord Injury. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2016; 14(2): 67-74.
- 19. Noh HJ and Kim SH. Comparative Study on the Effects of PNF and Elastic Band Exercise on the Physical Function and Blood Lipid Levels of Obese Elderly Women. Physical Therapy Korea. 2015; 22(1): 79-82.

- 20. Kim K, Lee DK and Jung SI. Effect of Coordination Movement Using the PNF Pattern Underwater on the Balance and Gait of Stroke Patients. Journal of Physical Therapy Science. 2015; 27:3699-701.
- 21. Kim JY, Choi WJ and Seo TH. Effect of Proprioceptive Neuromuscular Facilitation Integration Pattern and Swiss Ball Training on Pain and Balance in Elderly Patients with Chronic Back Pain. Journal of Physical Therapy Science. 2015; 27:3237-40.
- 22. Kim BR, Bang DH and Bong SY. The Effect of Coordinative Pattern Exercise of Upper and Lower Extremities Use Harness for Walking Ability and Balance Ability in Chronic Stroke Patients. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2015; 13(3): 127-34.
- 23. Gong WT. The Effects of Dynamic Exercise Utilizing PNF Patterns on Abdominal Muscle Thickness in Healthy Adults. Journal of Physical Therapy Science. 2015; 27:1933-6.
- 24. Choi WJ and Seo TH. The Effects of PNF Skater Pattern on the Balance in Stroke Patients. Journal of Korea Entertainment Industry Association. 2015; 9(2): 289-98.
- 25. Choi JW and Hwang SP. A Comparison between Integrated Patterns of PNF and Bowling Exercises. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2015; 13(2): 89-93.
- 26. Cho HS, Shin HS and Bang DH. The Effects of Upper and Lower Limb Coordinated Exercise of PNF for Balance in Elderly Woman. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2015; 13(4): 189-96.
- 27. Cho HS and No HJ. The Effects of Upper and Lower Limb Coordinated Exercise of PNF for Balance in Chronic Stroke Patients. Journal of Korea Proprioceptive Neuromuscular Facilitation Association. 2015; 13(1): 9-16.
- 28. Lim CG. The Effects of Proprioceptive Neuromuscular Facilitation (PNF) Pattern Exercise Using the Sprinter and the Skater on Balance and Gait Function in the Stroke Patients. The Journal of Korean Society of Physical Therapy. 2014; 26(4): 249-56.

- 29. Lee CW, Hwangbo K and Lee IS. The Effects of Combination Patterns of Proprioceptive Neuromuscular Facilitation and Ball Exercise on Pain and Muscle Activity of Chronic Low Back Pain Patients. Journal of Physical Therapy Science. 2014; 26:93-6.
- 30. Kim K, Kim EK and Lee DK. Effects of PNF Patterns Exercise on Pain, Functional Disability and Fear Avoidance Belief in Chronic Low Back Pain Patients. The Journal of Korean Society of Physical Therapy. 2014; 26(2): 110-6.
- 31. Hwang SH. The Effects of PNF Pattern Combined Exercise with Rhythmic Auditory Stimulation on Dynamic Balance and Gait Speed in Stroke Patients. Department of Physical Therapy Graduate School of Public Health. Gachon University, 2014.
- 32. Cho HS. The Effect of Coordinative Pattern Exercise of Upper and Lower Extremities for Balance and Gait in Chronic Stroke Patients. Dept. of Physical Therapy, Graduate school. Daejeon university, 2014.
- 33. Lim JH, Lee MK, Kim TY and Ko HE. The Combination of PNF Patterns for Coordinative Locomotor Training. Journal of the Korean Proprioceptive Neuromuscular Facilitation Association. 2013; 11(1): 17-25.
- 34. Kim SH and Kim DH. The Effects of PNF Exercise on Body Functions and Fall Efficacy of Elderly Women. The Korean Journal of Physical Education. 2013; 52(2): 495-512.
- 35. Kim EB. The Effects of Sprinter and Skater Exercise Program on Balance, Gait and Fall Efficacy of the Institutionalized Elderly. Major in Physical Therapy, Graduate School of Public Health Nambu University, 2013.
- 36. Jeon JK. The Effects of Combination Patterns Exercise of Proprioceptive Neuromuscular Facilitation on Balance in Chronic Low Back Pain Elderly Patients. The Journal of Digital Policy and Management. 2013; 11(4): 361-8.
- 37. Choi JY. The Effects of Coordination Exercise with PNF Pattern on the Plantar Pressure in Stroke Patients. Department of Physical Therapy, Graduate School of Public Health and Social Welfare. Gachon University, 2013.

- 38. Ann YD and Park JH. The Effects of PNF Combined Patterns Training on Balance Ability and Functional Ability of Hockey Players. The Journal of Digital Policy and Management. 2013; 11(11): 521-8.
- 39. Seo DY. A Study on the Effects of PNF Sprinter Pattern on Stable and Unstable Surfaces on the Activity and Balance of the Trunk. Department of Physical Therapy Graduate School of Public Health and Administration. Nambu University, 2012.
- 40. Lee MK, Yun TW, Kim YH and Lim JH. Effect of Gait Training Using PNF on Balance and Walking Ability in Person with Chronic Stroke(Single Subject Design). Journal of the Korea Proprioceptive Neuromuscular Facilitation Association. 2012; 10(1): 43-52.
- 41. Lee JS, Nam KW, Kim KY, Yoon JW and Park JH. Effect of Weight Bearing Exercise on Weight Bearing and Balance for Patients with Chronic Stroke. The Journal of Korean Society of Physical Therapy. 2012; 24(4): 253-61.
- 42. Lee CW, Kim JS and Lee IS. The Effects of Combination Patterns of Proprioceptive Neuromuscular Facilitation and Ball Exercise on Pain and Balance in Chronic Low Back Pain Patients. Journal of The Korean Society of Physical Medicine. 2012; 7(1): 1-9.
- 43. Kim SH. The Effect of PNF Exercise on Body Functions and Fall Efficacy of Elderly Women. Department of Physical Education, Graduate School. Chonnam National University, 2012.
- 44. Jeong WS, Park SK, Park JH, Lee HG and Kim KY. Effect of PNF Combination Patterns on Muscle Activity of the Lower Extremities and Gait Ability in Stroke Patients. The Journal of the Korea Contents Association. 2012; 12(1): 318-28.
- 45. Go HE and Kim SH. The Effect of PNF Exercise on Body Functions of Elderly Women. Journal of the Korea Proprioceptive Neuromuscular Facilitation Association. 2012; 10(4): 9-23.
- 46. Choi WJ. The Effects of PNF Sprinter Pattern Exercise on Lower Limb Muscle Activities, Balance and Gait in Hemiplegic Stroke Patients. Department of Physical Therapy, Graduate School. Dongshin university, 2012.

- 47. Choi JW. The Effect of Combined PNF Patterns of Upper and Lower Extremities on 20's Generation with Malalignment Syndrome. Journal of the Korean Proprioceptive Neuromuscular Facilitation Association. 2012; 10(4): 65-9.
- 48. Oh DG. Effects of Elastic Band Exercise Using PNF and CNS-Stimulating Exercise on Functional Fitness, EMG, and Gait in Hemiplegic Stroke Patients. Major in Sports Medicine & Science, Graduate School of Physical Education. KyungHee university, 2011.
- 49. Kim SJ. The Effect of Sprinter and Skater Pattern Training of PNF on Balance and Gait Ability in Patients with Stroke. Department of Physical Therapy, Graduate School of Rehabilitation Science. Daegu university, 2011.
- 50. Kim JY, Park JH and Choi WJ. The Effects of Proprioceptive Neuromuscular Facilitation Integrative Pattern with Elastic Band Training and Weight Training on Isokinetic Strength and Balance in Softball Players. Journal of coaching development. 2011; 13(1): 243-9.
- 51. Jeong WS, Jeong JY, Kim CK, Jung DI and Kim KY. Effect of Lower Limb Muscle Activity on Balancing through Sprinter Patterns of PNF. The Korea Contents Society. 2011; 11(3):281-292.
- 52. Park BJ, An BM, Yu SK, Lee HS, Hwang YJ and Kim SH. The Effects of PNF Rhythmic Dance on the Change of Static Balance Ability in Young Adults. Journal of International Academy of Physical Therapy Research. 2010; 1:176-84.
- 53. Na SH. The Difference of Foot Pressure Distributions and Muscle Activity During the Coordinated Movement Patterns. Major in Rehabilitation Science, Department of health Science, Graduate school. Korea university, 2010.
- 54. Lee CW. The Effects of Combination Patterns of Proprioceptive Neuromuscular Facilitation on Pain and Balance in Chronic Low Back Pain Patients. Department of Physical Therapy, Graduate School of Rehabilitation Science. Daegu university, 2010.
- 55. Jung WS. The Effect of Lower Limb Muscle Activity on Balancing through Sprinter Patterns of PNF. Department of Physical Therapy, Graduate School. Dongshin university, 2010.

- 56. Lee MK, Lee JS, Jeong WS, Kuk EJ, Lim JH and Kim TY. The Effect of Proprioceptive Neuromuscular Facilitation on Balance Ability in Patients with Hemiparetic. Journal of the Korean Proprioceptive Neuromuscular Facilitation Association. 2009; 7(1): 9-16.
- 57. Byuon SH. The Effects of PNF and Stabilizing Exercise on the Low Back Stability. Department of Rehabilitation Science, Graduate School. Daegu university, 2009.
- 58. Kim JP. The Effect of Balance Exercise on Postural Control and Shooting Record in Archers. Korean Journal of Sport Biomechanics. 2008; 18(2): 65-74.
- 59. Ji SK. The Effects of Combination of Isotonic Technique in Proprioceptive Neuromuscular Facilitation on the Balance, Muscle Activity and Fatigue of Quadriceps Muscle in Hemiplegic Patients. Dept of Physical Therapy. Eulji university, 2008.
- 60. Choi WJ, Kim YH and Lee SY. The Effects of the Combined Patterns of Proprioceptive Neuromuscular Facilitation on Static Balance. Journal of the Korea Proprioceptive Neuromuscular Facilitation Association. 2008; 6(1): 1-12.
- 61. Choi WJ, Kim CK, Jung DI, Lee HS, Chae YW and Kim YH. Change of the Combined Patterns of PNF on Static Balance. The Korea Contents Society. 2008; 8(10).
- 62. Jung YJ. The Effects of Low Back Pain on the Total Pattens of Proprioceptive Neuromuscular Facilitation. Department of Physical Therapy, Graduate School of Rehabilitation Science. Daegu university, 2007.
- 63. Kim TY. The Effect of Strengthening Exercise Using the Sprinter-Skater Patterns. Journal of Korean Proprioceptive Neuromuscular Facilitation Association. 2006; 4(1): 71-9.