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RESEACH FIELD

Physical Therapy, Sports Therapy and Rehabilitation

RESEARCH CLUSTER – CHULALONGKORN UNIVERSITY

Medical Innovations Towards Health Security and Sustainability

RESEARCH INTEREST

Motor control, biomechanics, pain

EDUCATION

2010 Ph.D., University of Oregon, Oregon, United States

1998 M.Sc., Mahidol University, Bangkok, Thailand

1995 B.Sc., Mahidol University, Bangkok, Thailand

PROFESSIONAL EXPERIENCE

2021 - Present Associate Professor

2013 - 2021 Department Head

2006 - 2021 Assistant Professor

1998 - 2006 Lecturer

1995 - Present Physical therapist

PUBLICATIONS

1. Khumlee N., Suriyaamarit D., Boonyong S.. Effects of sensory cues on dynamic trunk control in children with spastic diplegic cerebral palsy. *Physiotherapy Theory and Practice*. 2022; 38(13); 2621-2628.
2. Rattanakrong N., Siriphorn A., Boonyong S.. The alteration of static and dynamic postural stability among women with breast cancer during taxane-based chemotherapy: a descriptive study. *Physiotherapy Theory and Practice*. 2022;
3. Suriyaamarit D., Boonyong S., Chamonchant D., Mapaisansin P.. Comparison of Postural Control During Sit-To-Stand between Typically Developing Children Aged 4 to 12 Years and Young Adults. *International Journal of Human Movement and Sports Sciences*. 2022; 10(3); 540-549.
4. Rattanakrong N., Siriphorn A., Boonyong S.. Incidence density and factors associated with peripheral neuropathy among women with breast cancer during taxane-based chemotherapy. *Scientific Reports*. 2022; 12(1);
5. Suksri T., Gaogasigam C., Boonyong S.. Intra-rater and inter-rater reliability and minimum detectable change of visual analog scale and digital goniometer in patients with subacute unilateral lateral ankle sprain. *Chulalongkorn Medical Journal*. 2022; 66(4); 411-417.
6. Rattanakrong N., Thipprasopchock S., Siriphorn A., Boonyong S.. Reliability and Validity of the EORTC QLQ-CIPN20 (European Organization for Research and Treatment of Cancer Quality of Life Questionnaire-Chemotherapy-Induced Peripheral Neuropathy 20-Item Scale) among Thai Women with Breast Cancer Undergoing Taxane-Based Chemotherapy. *Asian Pacific Journal of Cancer Prevention*. 2022; 23(5); 1547-1553.
7. Rattanakrong N., Siriphorn A., Boonyong S.. Incidence and risk factors associated with falls among women with breast cancer during taxane-based chemotherapy. *Supportive Care in Cancer*. 2022; 30(9); 7499-7508.
8. Harutaichun P., Boonyong S., Pensri P.. Differences in lower-extremity kinematics between the male military personnel with and without plantar fasciitis. *PHYSICAL THERAPY IN SPORT*. 2021; 50;130-137.
9. Suriyaamarit D., Boonyong S.. Comparison of the effects of chair height and anterior seat inclination on sit-to-stand ability in children with spastic diplegic cerebral palsy. *JOURNAL OF BIOMECHANICS*. 2020; 113;

10. Harutaichun P., Pensri P., Boonyong S.. Physical and psychological predictors on pain intensity in conscripts with plantar fasciitis. BRAZILIAN JOURNAL OF PHYSICAL THERAPY. 2020; 24(3); 249-255.
11. Mapaisansin P., Suriyaamarit D., Boonyong S.. The development of sit-to-stand in typically developing children aged 4 to 12 years: Movement time, trunk and lower extremity joint angles, and joint moments. GAIT and POSTURE. 2020; 76;14-21.
12. Suriyaamarit D., Boonyong S.. Mechanical work, kinematics, and kinetics during sit-to-stand in children with and without spastic diplegic cerebral palsy. GAIT and POSTURE. 2019; 67;85-90.
13. Harutaichun P., Boonyong S., Pensri P.. Predictors of plantar fasciitis in Thai novice conscripts after 10-week military training: A prospective study. PHYSICAL THERAPY IN SPORT. 2019; 35;29-35.
14. Bustam IG., Suriyaamarit D., Boonyong S.. Timed Up and Go test in typically developing children: Protocol choice influences the outcome. GAIT and POSTURE. 2019; 73;258-261.
15. Suriyaamarit D., Boonyong S.. Reliability and minimal detectable change of sit-to-stand kinematics and kinetics in typical children. Human Movement. 2018; 19(3); 48-54.
16. Upariputti R., Vijarnsorn M., Niyom S., Boonyong S.. Effect of interferential current therapy on ground reaction force in dogs with hip osteoarthritis: A randomized placebo controlled cross-over clinical trial. THAI JOURNAL OF VETERINARY MEDICINE. 2018; 48(1); 111-116.
17. Siriphorn A., Chamonchant D., Boonyong S.. Exercise using mung bean bag improves balance in healthy young adults. PHYSIOTHERAPY THEORY AND PRACTICE. 2016; 32(8); 603-611.
18. Siriphorn A., Chamonchant D., Boonyong S.. Comparisons of the effects of a foam pad, mung bean bag, and plastic bead bag on postural stability disturbance in healthy young adults. JOURNAL OF PHYSICAL THERAPY SCIENCE. 2016; 28(2); 530-534.
19. Purepong N., Channak S., Boonyong S., Thaveeratitham P., Janwantanakul P.. The effect of an acupuncture backrest on pain and disability in office workers with chronic low back pain: A randomized, controlled study and patients' preferences. COMPLEMENTARY THERAPIES IN MEDICINE. 2015; 23(3); 347-355.

20. Siriphorn A., Chamonchant D., Boonyong S.. The effects of vision on sit-to-stand movement. *JOURNAL OF PHYSICAL THERAPY SCIENCE*. 2015; 27(1); 83-86.
21. Suriya-amarit D., Gaogasigam C., Siriphorn A., Boonyong S.. Effect of Interferential Current Stimulation in Management of Hemiplegic Shoulder Pain. *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*. 2014; 95(8); 1441-1446.
22. Tantisuwat A., Chamonchant D., Boonyong S.. Multi-directional Reach Test: An Investigation of the Limits of Stability of People Aged between 20-79 Years. *JOURNAL OF PHYSICAL THERAPY SCIENCE*. 2014; 26(6); 877-880.
23. Purepong N., Jitvimonrat A., Boonyong S., Thaveeratitham P., Pensri P.. Effect of flexibility exercise on lumbar angle: A study among non-specific low back pain patients. *Journal of Bodywork and Movement Therapies*. 2012; 16(2); 236-243.
24. Boonyong S., Siu KC., van Donkelaar P., Chou LS., Woollacott MH. Development of postural control during gait in typically developing children: The effects of dual-task conditions. *GAIT amp; POSTURE*. 2012; 35(3); 428-434.