



PARUNCHAYA JAMKRAJANG

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EDUCATION

PhD 2018 Liverpool John Moores University
Sports Biomechanics

PhD 2018 Mahidol University
Sports Science

MSc 2010 Mahidol University
Sports Science ("DEAN'S LIST")

BSc 2007 Mahidol University
Sports Science (2nd Honour)

PROFESSIONAL EXPERIENCE

2012 - PRESENT

Instructor

College of Sports Science and Technology Mahidol University, Thailand

PROFESSIONAL SOCIETIES AND ORGANIZATIONS

2018 - Present Asian Society of Sports Biomechanics (ASBS) – Board member

2015 - Present International Society of Sports Biomechanics (ISBS)

PROFESSIONAL SKILLS

- 3D Motion analysis system
- Video analysis – Dartfish, Kinovea
- Visual 3D

PUBLICATIONS

NATIONAL

Jamkrajang P, Mawhinney C, Limroongreungrat W. Variability of hip and knee angle during a-30 minute run in healthy runners. *Journal of Sports Science and Technology*. 2020;20(2)

Jamkrajang P, Phantayuth D, Prasertsri K, Nabancha A. The relationship between anthropometric variables and injury of Thai national artistic gymnastics and rhythmic gymnastics. *Journal of Sports Science and Technology*. 2020;20(2)

Riansoi Y, Prajongjai V, Chinnasee P, Praphanbandit O, **Jamkrajang P**, Chinnasee C. Biomechanical analysis of supporting leg mechanisms during Muay Thai roundhouse kicking in novices. *Journal of Sports Science and Technology*. 2019; 19(2):72-81.

Mongkolpichayaruk A, Vanadurongwan B, **Jamkrajang P**, Limroongreungrat W. Effect of upper limb on ground reaction forces during single-leg jump stop landing task. *Journal of Sports Science and Technology* 2018;18(2):120-127.

INTERNATIONAL

Jamkrajang P, Robinson M, Limroongreungrat W, Vanrenterghem J. (2020). How does whole body balance control interact with stroke performance during the tennis serve? *ISBS Proceedings Archive*, (In press).

Jamkrajang P, Robinson, M., Limroongreungrat, W., Vanrenterghem, J. (2017). Can segmental model reductions quantify whole-body balance accurately during dynamic activities? *Gait & Posture*. Volume 56, 3741. **Jamkrajang P**, Robinson, M.A., Limroongreungrat, W., & Vanrenterghem, J. (2017).

Jamkrajang P, & Limroongreungrat W. (2014). Do tennis players control their balance during the serve?. *ISBS Proceedings Archive*, 35(1), 54.

Jamkrajang P, & Limroongreungrat W. (2014). Comparison of vertical breast displacement between two different sports bra designs. *Turkish Journal of Sport and Exercise*, 16(2), 97-99.

RESEARCH INTERESTS

- Sport Biomechanics
- Postural balance control
- Tennis
- Running mechanic

GRANTS

Principle Investigator, "The study of biomechanical variables of lower extremities of runners in various age groups"
Research Grant for new researchs of Mahidol University, Mahidol University ฿162,000
1/06/19-/31/05/20

Mahidol Digital Convergence University-Mahidol DCU, "Digital Platform for Professional Trainings"
"Sports Science for Running" ฿300,000