

Relationship between quadriceps femoris muscle volume and muscle torque at least 18 months after anterior cruciate ligament reconstruction

Y. Konishi¹, T. Oda^{2,3}, S. Tsukazaki⁴, R. Kinugasa⁵, T. Fukubayashi⁶

¹Department of Physical Education, National Defence Academy, Kanagawa, Japan, ²Health and Life Sciences, Hyogo University of Teacher Education, Hyogo, Japan, ³Living Matter Simulation Research Team, RIKEN, Saitama, Japan, ⁴Department of Orthopedic Surgery, Japan Self Defense Force Yokosuka Hospital, Kanagawa, Japan, ⁵Department of Human Sciences, Kanagawa University Yokohama, Kanagawa, Japan, ⁶Department of Sports Science, Waseda University, Saitama, Japan

Corresponding author: Yu Konishi, PhD, Department of Physical education, National Defence Academy, 1-10-20 Hashirimizu, Yokosuka City, Kanagawa 239-8686, Japan. Tel: +81 46 841 3810 (ext. 3191), Fax: +81 46 844 5908, E-mail: yu_57@yahoo.co.jp