

論文

| 年度   | 論文                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| 2024 | <b>体幹または骨盤の回旋動作が膝関節の内反および外反の角度に及ぼす影響 -三次元と二次元動作解析の関連-</b><br>平野 正広, 内之倉 真大, 加藤 宗規<br>理学療法科学 39 (6) 301 – 307, 2024<br><a href="https://doi.org/10.1589/rika.39.301">https://doi.org/10.1589/rika.39.301</a>                                                                                                                                                                                                                                                                                                                                                                          |
| 2022 | <b>Influence of gait exercise using a walking-assist robot for swing-leg motion in hemiplegic stroke patients: a preliminary study focusing on the immediate effect</b><br>Ren Fujii, Makoto Tamari, Yuki Nonaka, Fumiaki Tamiya, Hiroshi Hosokawa and Shinichiro Tanaka<br>Japanese Journal of Comprehensive Rehabilitation Science 2022 Vol.13<br><a href="https://doi.org/10.11336/jjcrs.13.49">https://doi.org/10.11336/jjcrs.13.49</a>                                                                                                                                          |
| 2021 | <b>Kinematic analysis of movement impaired by generalization of fear of movement-related pain in workers with low back pain</b><br>Ren Fujii, Ryota Imai, Shinichiro Tanaka, and Shu Morioka<br>PLOS ONE September 2021<br><a href="https://doi.org/10.1371/journal.pone.0257231">https://doi.org/10.1371/journal.pone.0257231</a>                                                                                                                                                                                                                                                   |
| 2020 | <b>運動恐怖を有する腰痛有訴者における重量物持ち上げ動作時の運動学的分析</b><br>藤井 廉、今井亮太、西祐樹、田中慎一郎、佐藤剛介、森岡 周<br><a href="https://doi.org/10.15063/rigaku.11694">https://doi.org/10.15063/rigaku.11694</a>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2020 | <b>Validity of quantitative assessment of posterior pelvic tilt and contralateral vaulting in hemiplegia using 3D treadmill gait analysis</b><br>Hiroki Tanikawa a, Keisuke Inagakib, Kei Ohtsukaa, Fumihiro Matsudaa, Masahiko Mukainoc, Junya Yamadad, Yoshikiyo Kanadaa, Hitoshi Kagayac, and Eiichi Saitohc<br>Topics in Stroke Rehabilitation June 2020 <a href="https://doi.org/10.1080/10749357.2020.1783919">https://doi.org/10.1080/10749357.2020.1783919</a>                                                                                                               |
| 2018 | <b>Quantitative assessment of knee extensor thrust, flexed-knee gait, insufficient knee flexion during the swing phase, and medial whip in hemiplegia using three-dimensional treadmill gait analysis</b><br>Norikazu Hishikawa a, Hiroki Tanikawa b, Kei Ohtsukab, Masahiko Mukainoc, Keisuke Inagakid, Fumihiro Matsudab,<br>Toshio Teranishib, Yoshikiyo Kanadab, Hitoshi Kagayac and Eiichi Saitohc<br>TOPICS IN STROKE REHABILITATION 2018, VOL. 25, NO. 8, 548553<br><a href="https://doi.org/10.1080/10749357.2018.1497272">https://doi.org/10.1080/10749357.2018.1497272</a> |

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| 2018 | <p><b>Quantitative assessment for flexed-elbow deformity during gait following botulinum toxin A treatment</b></p> <p>Hiroki Tanikawa, Hitoshi Kagaya, Keisuke Inagaki, Yusuke Kotsuji, Keita Suzuki, Kenta Fujimura, Masahiko Mukaino, Satoshi Hirano, Eiichi Saitoh, Yoshikiyo Kanada</p> <p>Gait &amp; Posture 62 (2018) 409-414 <a href="https://doi.org/10.1016/j.gaitpost.2018.04.006">https://doi.org/10.1016/j.gaitpost.2018.04.006</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2018 | <p><b>Clinical-oriented Three-dimensional Gait Analysis Method for Evaluating Gait Disorder</b></p> <p>Masahiko Mukaino<sup>1</sup>, Kei Ohtsuka<sup>2</sup>, Hiroki Tanikawa<sup>2</sup>, Fumihiro Matsuda<sup>2</sup>, Junya Yamada<sup>3</sup>, Norihide Itoh<sup>4</sup>, Eiichi Saitoh<sup>1</sup></p> <p><sup>1</sup>Department of Rehabilitation Medicine, School of Medicine, Fujita Health University, <sup>2</sup>Faculty of Rehabilitation, School of Health Science, Fujita Health University, <sup>3</sup>Department of Rehabilitation, Fujita Health University Hospital, <sup>4</sup>Department of Advanced Rehabilitation Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine</p> <p><a href="https://www.jove.com/video/57063/clinical-oriented-three-dimensional-gait-analysis-method-for">https://www.jove.com/video/57063/clinical-oriented-three-dimensional-gait-analysis-method-for</a></p> |
| 2017 | <p><b>Changes in postural strategy during exercise against perturbation using the balance exercise assist robot: a pilot study</b></p> <p>Norihide Itoh, RPT, DMSc, Shigeo Tanabe, RPT, PhD, Satoshi Hirano, MD, DMSc, Eiichi Saitoh, MD, DMSc, Jumpei Kawabata, RPT, Daisuke Imoto, RPT, Yasuo Mikami, MD, PhD, Toshikazu Kubo, MD, PhD</p> <p>The Journal of Physical Therapy Science 29: 1619, 2017</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2016 | <p><b>Analysis of strategies used by hemiplegic stroke patients to achieve toe clearance</b></p> <p>Fumihiro Matsuda, RPT, MS, Masahiko Mukaino, MD, DMSc, Kei Ohtsuka, RPT, DMSc, Hiroki Tanikawa, RPT, DMSc, Kazuhiro Tsuchiyama, RPT, Toshio Teranishi, RPT, DMSc, Yoshikiyo Kanada, RPT, DMSc, Hitoshi Kagaya, MD, DMSc, Eiichi Saitoh, MD, DMSc</p> <p>Jpn J Compr Rehabil Sci 7: , 2016 (Published December 21, 2016). <a href="https://doi.org/10.11336/jjcrs.7.111">doi.org/10.11336/jjcrs.7.111</a>. DOI 10.1080/10749357.2016.1156361</p>                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2016 | <p><b>Quantitative assessment of retropulsion of the hip, excessive hip external rotation, and excessive lateral shift of the trunk over the unaffected side in hemiplegia using threedimensional treadmill gait analysis</b></p> <p>Hiroki Tanikawa, Kei Ohtsuka, Masahiko Mukaino, Keisuke Inagaki, Fumihiro Matsuda, Toshio Teranishi, Yoshikiyo Kanada, Hitoshi Kagaya, Eiichi Saitoh</p> <p>Topics in Stroke Rehabilitation. DOI 10.1080/10749357.2016.1156361</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2015 | <p><b>Relationship between activation of ankle muscles and quasi-joint stiffness in early and middle stances during gait in patients with hemiparesis</b></p> <p>Yusuke Sekiguchi, Takayuki Muraki, Naofumi Tanaka, Shin-Ichi Izumi</p> <p>Gait Posture. 2015 Jul 14. pii: S0966-6362(15)00728-6</p> <p>DOI:<a href="http://dx.doi.org/10.1016/j.gaitpost.2015.04.020">http://dx.doi.org/10.1016/j.gaitpost.2015.04.020</a></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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| 2015 | <p><b>Efficacy of Botulinum Toxin A Treatment for Pes Varus during Gait.</b></p> <p>Hiroki Tanikawa, RPT, MS, Hitoshi Kagaya, MD, DMSc, Eiichi Saitoh, MD, DMSc, Kenichi Ozaki, MD, DMSc, Satoshi Hirano, MD, DMSc, Norihide Itoh, RPT, DMSc, Junya Yamada, RPT, MS,x and Yoshikiyo Kanada, RPT, DMSc</p> <p>Journal of Stroke and Cerebrovascular Diseases, 2015: pp 1-7</p>                                                                         |
| 2015 | <p><b>Application of Lissajous overview picture in treadmill gait analysis</b></p> <p>Kei Ohtsuka, RPT, DMSc, Eiichi Saitoh, MD, DMSc, Hitoshi Kagaya, MD, DMSc, Norihide Itoh, RPT, DMSc, Shigeo Tanabe, RPT and Eng, PhD, Fumihiko Matsuda, RPT, Hiroki Tanikawa, RPT, Junya Yamada, RPT, Takemitsu Aoki, Eng, Yoshikiyo Kanada, RPT, DMSc</p> <p>Japanese Journal of Comprehensive Rehabilitation Science (2015)</p>                               |
| 2015 | <p><b>Reliability and minimal detectable change of Quantified Paralysis Performance Assessment (QPPA) using a three-dimensional motion analysis device</b></p> <p>Kenichi Ozaki MD, PhD, Hitoshi Kagaya MD, PhD, Izumi Kondo MD, PhD, Eiichi Saitoh MD, PhD, Sachie Imai MD, PhD, Shigeru Sonoda MD, PhD, Norihide Itoh PT, PhD</p> <p>Japanese Journal of Comprehensive Rehabilitation Science (2014)</p>                                            |
| 2013 | <p><b>Simple method to reduce the effect of patient positioning variation on three-dimensional motion analysis during treadmill gait</b></p> <p>Shigeo Tanabe, Eiichi Saitoh, Kei Ohtsuka, Toshio Teranishi, Yutaka Tomita, Yoshihiro Muraoka</p> <p>Clinics and Practice 2013; volume 3:e30</p>                                                                                                                                                      |
| 2012 | <p><b>Relationship between movement asymmetry and sit-to stand/stand-to-sit duration in patients with hemiplegia</b></p> <p>Naoki Itoh, RPT, DMSc, Hitoshi Kagaya, MD, DMSc, Kazumi Horio, RPT, MS, Kazuaki Hori, RPT, Norihide Itoh, RPT, DMSc, Kikuo Ota, MD, DMSc, Yoshikiyo Kanada, RPT, DMSc, Eiichi Saitoh, MD, DMSc</p> <p>Japanese Journal of Comprehensive Rehabilitation Science (2012)</p>                                                 |
| 2012 | <p><b>Quantitative assessment of circumduction, hip hiking, and forefoot contact gait using Lissajous figures</b></p> <p>Norihide Itoh, RPT, DMSc, Hitoshi Kagaya, MD, DMSc, Eiichi Saitoh, MD, DMSc, Kei Ohtsuka, RPT, DMSc, Junya Yamada, RPT, Hiroki Tanikawa, RPT, MS, Shigeo Tanabe, RPT, PhD, Naoki Itoh, RPT, DMSc, Takemitsu Aoki, MS, Yoshikiyo Kanada, RPT, DMSc</p> <p>Japanese Journal of Comprehensive Rehabilitation Science (2012)</p> |
| 2012 | <p><b>The effect of physiotherapy on sit-to-stand movements in a child with spastic diplegia</b></p> <p>RYO YONETSU, JUNICHI SHIMIZU and JOHN SURYA</p> <p>Disability and Rehabilitation, 2010; 32(7): 598-605</p>                                                                                                                                                                                                                                    |