

2023・2024年JMU掲載論文

No	Title	Authors	Article Type	Classifications	Volume	Issue	Publication Year	URL
1	Differential association of total and regional muscle mass and quality with physical performance in community-dwelling older adults	Hiroki Monjo, Yoshihiro Fukumoto, Masashi Taniguchi, Yosuke Yamada & Misaka Kimura	Original Article	Orthopedics	50	2	2023	<a href="https://doi.org/10.1007/s10396-022-01275-7">https://doi.org/10.1007/s10396-022-01275-7</a>
2	Association of activities of daily living and cognitive function with thickness of the upper extremity muscles in children and adults with cerebral palsy	Mitsuhiko Masaki, Yuki Uchikawa, Yuka Iizuka, Karin Sugawara, Honoka Isobe, Fuyumi Hattori, Mami Okamoto, Saki Takahashi, Emina Morohashi & Yuki Kitamura	Original Article	Orthopedics	50	2	2023	<a href="https://doi.org/10.1007/s10396-023-01292-0">https://doi.org/10.1007/s10396-023-01292-0</a>
3	Cumulative knee adduction moment during jogging causes temporary medial meniscus extrusion in healthy volunteers	Yosuke Ishii, Takato Hashizume, Saeko Okamoto, Yoshitaka Iwamoto, Masakazu Ishikawa, Yuko Nakashima, Naofumi Hashiguchi, Kaoru Okada, Kazuya Takagi, Nobuo Adachi & Makoto Takahashi	Original Article	Orthopedics	50	2	2023	<a href="https://doi.org/10.1007/s10396-023-01288-w">https://doi.org/10.1007/s10396-023-01288-w</a>
4	Relationship between the change in infrapatellar fat pad thickness assessed using ultrasonography and anterior knee pain on squatting after anterior cruciate ligament reconstruction	Ryo Shiraishi & Shinichiro Ueda	Original Article	Orthopedics	50	2	2023	<a href="https://doi.org/10.1007/s10396-023-01300-3">https://doi.org/10.1007/s10396-023-01300-3</a>
5	Ultrasound-guided adductor canal block is superior to femoral nerve block for early postoperative pain relief after single-bundle anterior cruciate ligament reconstruction with hamstring autograft	Takeshi Oshima, Junsuke Nakase, Tomoyuki Kanayama, Yusuke Yanatori, Toshihiro Ishida & Hiroyuki Tsuchiya	Original Article	Orthopedics	50	3	2023	<a href="https://doi.org/10.1007/s10396-023-01309-8">https://doi.org/10.1007/s10396-023-01309-8</a>
6	Relationship between shear elastic modulus and passive muscle force in human hamstring muscles using a Thiel soft-embalmed cadaver	Gakuto Nakao, Taiki Kodesho, Takuya Kato, Yu Yokoyama, Yuhei Saito, Yuki Ohsaki, Kota Watanabe, Masaki Katayose & Keigo Taniguchi	Original Article	Orthopedics	50	3	2023	<a href="https://doi.org/10.1007/s10396-023-01317-8">https://doi.org/10.1007/s10396-023-01317-8</a>
7	Positional relationship between the Achilles tendon and sural nerve on ultrasound	Tomo Hamada, Yasumitsu Toribatake, Shunpei Okamoto, Daigo Sakagoshi, Takashi Ota & Manase Nishimura	Original Article	Orthopedics	50	3	2023	<a href="https://doi.org/10.1007/s10396-023-01312-z">https://doi.org/10.1007/s10396-023-01312-z</a>
8	Association of activities of daily living, mobility and balance ability, and symptoms of Parkinson's disease with the masses and amounts of intramuscular non-contractile tissue of the trunk and lower extremity muscles in patients with Parkinson's disease	Mitsuhiko Masaki, Moeka Takeuchi, Maki Kasahara, Kota Minakawa, Yukika Inagaki, Yukine Ogawa, Yoshino Sato, Minoru Yokota, Seina Maruyama & Shunsuke Obinata	Original Article	Orthopedics	50	4	2023	<a href="https://doi.org/10.1007/s10396-023-01356-1">https://doi.org/10.1007/s10396-023-01356-1</a>
9	Visualization of lateral meniscus extrusion during gait using dynamic ultrasonographic evaluation	Yosuke Ishii, Masakazu Ishikawa, Yuko Nakashima, Makoto Takahashi, Takato Hashizume, Saeko Okamoto, Naofumi Hashiguchi, Atsuo Nakamae, Goki Kamei & Nobuo Adachi	Original Article	Orthopedics	50	4	2023	<a href="https://doi.org/10.1007/s10396-023-01330-x">https://doi.org/10.1007/s10396-023-01330-x</a>
10	Characteristics of the static muscle stiffness of ankle plantar flexors in individuals with chronic ankle instability	Takumi Kobayashi, Taiki Kodesho, Keita Kinami, Ayuka Takahashi, Konatsu Taniguchi & Keigo Taniguchi	Original Article	Orthopedics	50	4	2023	<a href="https://doi.org/10.1007/s10396-023-01360-5">https://doi.org/10.1007/s10396-023-01360-5</a>
11	Evaluation of meniscus extrusion during stair ambulation in healthy volunteers using dynamic ultrasonography: a feasibility study	Takato Hashizume, Yosuke Ishii, Yuko Nakashima, Saeko Okamoto, Yoshitaka Iwamoto, Kaoru Okada, Kazuya Takagi, Nobuo Adachi & Makoto Takahashi	Original Article	Orthopedics	50	4	2023	<a href="https://doi.org/10.1007/s10396-023-01348-1">https://doi.org/10.1007/s10396-023-01348-1</a>
12	The use of ultrasonography as an effective screening tool for chronic posterior cruciate ligament injuries	Mitsuhiko Kimura, Junsuke Nakase, Rikuto Yoshimizu, Tomoyuki Kanayama, Yusuke Yanatori & Hiroyuki Tsuchiya	Original Article	Orthopedics	51	1	2023	<a href="https://doi.org/10.1007/s10396-023-01366-z">https://doi.org/10.1007/s10396-023-01366-z</a>
13	Assessing the effectiveness of Compare Assistant for improving intra-rater reliability of ultrasound-measured muscle thickness	Tyler D. Baer, Kevin A. Rice, Emely Urbina, Dominic V. Whitenet & Scott J. Dankel	Original Article	Orthopedics	51	1	2023	<a href="https://doi.org/10.1007/s10396-023-01367-y">https://doi.org/10.1007/s10396-023-01367-y</a>
14	Diagnostic value of high-frequency ultrasound in omohyoid muscle syndrome	Liyuan Cui, Ling Wang, Tiezheng Wang, Yeting Wang, Wen Chen & Hengtao Qi	Original Article	Orthopedics	51	2	2024	<a href="https://doi.org/10.1007/s10396-023-01407-7">https://doi.org/10.1007/s10396-023-01407-7</a>

15	First tarsometatarsal joint mobility in hallux valgus during gait: A synchronized ultrasound and three-dimensional motion capture analysis	Tsubasa Tashiro, Yasunari Ikuta, Noriaki Maeda, Satoshi Arima, Masanori Morikawa, Kazuki Kaneda, Honoka Ishihara, Shogo Tsutsumi, Miki Kawai, Andreas Brand, Tomoyuki Nakasa, Nobuo Adachi, Makoto Komiva & Yukio Urahe	Original Article	Orthopedics	51	2	2024	<a href="https://doi.org/10.1007/s10396-024-01414-2">https://doi.org/10.1007/s10396-024-01414-2</a>
16	Identifying unstable ramp lesions using ultrasonography	Tomoyuki Kanayama, Junsuke Nakase, Yoshihiro Ishida, Yusuke Yanatori, Naoki Takemoto & Satoru Demura	Original Article	Orthopedics	51	3	2024	<a href="https://doi.org/10.1007/s10396-024-01465-5">https://doi.org/10.1007/s10396-024-01465-5</a>
17	Evaluation under loading detects medial meniscus extrusion in patients with reconstructed anterior cruciate ligament and restricted knee extension	Yosuke Ishii, Atsuo Nakamae, Nekomoto Akinori, Takato Hashizume, Riko Okinaka, Miharu Sugimoto, Kohei Matsumura, Masakazu Ishikawa, Makoto Takahashi & Nobuo Adachi	Original Article	Orthopedics	51	4	2024	<a href="https://doi.org/10.1007/s10396-024-01492-2">https://doi.org/10.1007/s10396-024-01492-2</a>
18	Relationship between ultrasonographic findings and subscales of the Knee Injury and Osteoarthritis Outcome Score in patients with early knee osteoarthritis: a multicenter study	Yushin Mizuno, Yasushi Takata, Yosuke Shima, Kenichi Goshima, Kazunari Kuroda, Tomoyuki Kanayama, Yoshihiro Ishida, Naoki Takemoto, Manase Nishimura, Takuwa Sengoku, Satoru Demura & Junsuke Nakase	Original Article	Orthopedics	52	1	2024	<a href="https://doi.org/10.1007/s10396-024-01498-w">https://doi.org/10.1007/s10396-024-01498-w</a>
19	Blood flow signals through the bone cortex on ultrasonography can be used as a screening test for detecting bone marrow lesions on magnetic resonance imaging in patients with early knee osteoarthritis	Naoki Takemoto, Yasushi Takata, Yosuke Shima, Kenichi Goshima, Kengo Shimozaki, Mitsuhiro Kimura, Tomoyuki Kanayama, Satoru Demura & Junsuke Nakase	Original Article	Orthopedics	52	1	2024	<a href="https://doi.org/10.1007/s10396-024-01503-2">https://doi.org/10.1007/s10396-024-01503-2</a>
20	Ultrasound can provide an early assessment of infection of cartilage structures in infants	Takahiro Hosokawa	Image	Orthopedics	51	4	2024	<a href="https://doi.org/10.1007/s10396-024-01484-2">https://doi.org/10.1007/s10396-024-01484-2</a>
21	Isolated Tillaux fracture of the ankle in an adult. Sonographic diagnosis of a rare injury	Marco Becciolini, Salvatore Massimo Stella, Giorgio Tamborrini & Orlando Catalano	Image	Orthopedics	52	1	2024	<a href="https://doi.org/10.1007/s10396-024-01508-x">https://doi.org/10.1007/s10396-024-01508-x</a>