

List of courses available for graduate students (Wakayama Medical University)

	Course name (Press the name to jump to the link)	Professor name (Press the name to jump to the link)		Acceptable number of people	Research theme	Message from Professor
	Rehabilitation Medicine	Prof. Fumihiro Tajima, M.D., Ph.D.	顔写真 (JPEG(120×160以上)でお願いします。)	1	<ul style="list-style-type: none"> ・ Excercise physiology and sport medicine in able bodied persons and persons with disability ・ Cardiovascular,renal and endocrine responses during exercise,head-up tilt and other stress in persons with disabilities. ・ Research of balneology ・ The effect of rehabilitation after nerve regeneration surgery in a patient with complete spinal cord injury 	<p>Document review or direct interview is required in advance</p> <div style="background-color: yellow; text-align: center; padding: 5px;">Please write your Recent Publications</div>
		mail fumi@wakayama-med.ac.jp		<p><u>Recent Publications</u></p> <p>Kono Y, Sakamitsu T, Sasadai J, Yamamoto M, Okamoto K, Ushio K, Mikami Y, Kimura H, Adachi N. The comparison of biomechanics of kayak paddling between para-kayakers and elite able-bodied kayakers: a pilot study. Sport Sciences for Health(2021).</p> <p>Ise M, Nakata E, Katayama Y, Hamada M, Kunisada T, Fujiwara T, Nakahara R, Takihira S, Sato K, Akezaki Y, Senda M, Ozaki T. Prevalence of Psychological Distress and Its Risk Factors in Patients with Primary Bone and Soft Tissue Tumors. Healthcare (Basel). 2021;9(5):566.</p> <p>Ushio K, Mikami Y, Obayashi H, Fujishita H, Fukuhara K, Sakamitsu T, Hirata K, Ikuta Y, Kimura H, Adachi N. Decreased Muscle-to-Fat Mass Ratio Is Associated with Low Muscular Fitness and High Alanine Aminotransferase in Children and Adolescent Boys in Organized Sports Clubs. J.Clin.Med. 2021;10(11):2272.</p> <p>Kinoshita T, Umemoto Y, Yasuoka Y, Yoshikawa T, Kouda K, Hori S, Mikami Y, Nishimura Y, Miyamoto K, Kato S, Tajima F. Feasibility of sit training for patients with severe COVID-19 pneumonia during deep sedation:A case report. Midicine. 2021;100(21):e26240.</p> <p>Kinoshita T, Kouda K, Umemoto Y, Yasuoka Y, Minoshima Y, Mikami Y, Nishimura Y, Miyamoto K, Kato S, Tajima F. Case Report: A Rehabilitation Practice Report During ICU Management for a Patient With Multiple Disabilities Due to COVID-19 Pneumonia and COPD. Frontiers in Medicine. Vol:8:Article692898.</p> <p>Nanba T, Furusawa K, Tanimoto Y, Tokuhiro A, Ogawa T, Mikami Y, Tajima F. Comparative analysis of effects of various toilet seat cushions on buttock pressure during toileting in persons with spinal cord injury. J Spinal Cord Med. 2021;22(6):1-6.</p> <p>Ohko H, Umemoto Y, Sakurai Y, Araki S, Kojima D, Kamiyo Y, Murai K, Yasuoka Y, Tajima F. The effects of endurance exercise combined with high-temperature head-out water immersion on serum concentration of brain-derived neurotrophic factor in healthy young men. Int J Hyperthermia. 2021;38(1):1077-1085.</p> <p>Sato M, Mikami Y Asakura Y, Katayama K, Tajima F. An Intervention to Overcome Eating Difficulties in a Patient with Autism Spectrum Disorder-A Case Study. Asian J Occup Ther. 2021;17(1):65-68.</p> <p>Mikami Y, Tinduh D, Lee K, Chotiyarnwong C, van der Scheer J. W, Jung K. S, Shinohara H. Narasinta I, Yoon S. H, Kanjanapanang N, Sakai T, Kusumawardhani M. K, Park J, Prachgosin P, Obata F, Utami D. A, Laohasinnarong P, Wardhani I. L, Limprasert S, Tajima F, Goosey-Tolfrey V. L, Martin Ginis K. A. Cultural validation and language translation of the scientific SCI exercise guidelines for use in Indonesia, Japan, Korea, and Thailand. J Spinal Cord Med. 2021;6:1-12.</p> <p>Minetama M, Kawakami M, Teraguchi M, Kagotani R, Mera Y, Sumiya T, Nakagawa M, Yamamoto Y, Matsuo S, Sakon N, Nakatani T, Kitano T, Nakagawa Y. Supervised physical therapy versus unsupervised exercise for patients with lumbar spinal stenosis: 1-year follow-up of a randomized controlled trial. Clin Rehabil 2021;35(7):964-975.</p> <p>Sato H, Nishimura Y, Tsuboi H, Minoshima Y, Sakata T, Umezu Y, Tajima F. Differences in fatigability of vastus medialis muscle between patients with limb symmetry index of <90% and ≥90% after chronic anterior cruciate ligament reconstruction. The Knee. 2021;31:39-45.</p>		

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Mikami Y, Umemoto Y, Hoekstra SP, Hori S, Iwahashi T, Mochida K, Kamijyo Y, Tajima F. A one touch clamp and rack smart pump reduces mobilisation time and perceived burden of clinical staff members in charge of acute phase rehabilitation. JOURNAL OF MEDICAL ENGINEERING & TECHNOLOGY. 1-8.

Ise M, Saito T, Katayama Y, Nakahara R, Shimamura Y, Hamada M, Senda M, Ozaki T. Relationship between clinical outcomes and nerve conduction studies before and after surgery in patients with carpal tunnel syndrome. BMC Musculoskeletal Disord. 2021;22(1):882.

Fukuhara K, Mikami Y, Hasegawa H, Nakashima D, Ikuta Y, Tajima F, Kimura H, Adachi N. Thermoregulatory responses in persons with lower-limb amputation during upper-limb endurance exercise in a hot and humid environment. Prosthetics Orthot Int. 2021;45(5):401-409.

Ohko H, Umemoto Y, Kojima D, Nishimura Y, Mikami Y, Kouda K, Ogawa T, Tajima F. Hot bathing has the potential to provide a new means of secreting brain-derived neurotrophic factor. Cognition & REHABILITATION. 2021;2(1):77-86.

Yasuoka Y, Nakamura T, Umemoto Y, Kinoshita T, Hoekstra SP, Hoshiai K, Ohko H, Abo M, Tajima F. An 18-hole round of golf acutely elevates serum interleukin-6 and brain-derived neurotrophic factor concentration-A pilot study. J Phys Fitness Sports Med. 2022;11(1):1-7.

Abdul Jabbar Al Hayyan, Sri Mardjiati Mei Wulan, Reni Hendrarati Masduchi, Nuniek Nugraheni, Dewi Poerwandari, Soenarnatalina Melaniani, Salimah, Mikai Y, Tajima F. Validity and Reliability of the Loco-check Questionnaire after Cross-cultural Adaptation for Indonesia. J Orthopaedic Sci. 2021;11(17): S0949-2658(21)00354-7.

Kinoshita T, Nishimura Y, Umemoto Y, Koike Y, Kouda K, Ogawa T, Suenaga T, Tajima F. Case Report: Rehabilitation for Lower Extremity Pain Due to Venous Stasis in a Patient With Multisystem Inflammatory Syndrome in Children. Frontiers in Pediatrics.

Kinoshita T, Nishimura Y, Umemoto Y, Fujita Y, Kouda K, Yasuoka Y, Miyamoto K, Kato S, Tajima F. Effects of early rehabilitation in the intensive care unit for patients with severe COVID-19 pneumonia: A retrospective cohort study. J.Clin.Med. 2022;11(2):357.

Spinal cord injury in middle-aged and older adults who had undergone active rehabilitation treatment at a remote hospital: a case series. Progress in Rehabilitation Medicine. 2022.1.

Zaiki R, Kamijo Y-I, Moriki T, Umemoto Y, Mukai Y, Mikami Y, Kouda K, Ogawa T, Nishimura Y, Tajima F. Dose-response rehabilitation organized by PROr in out-patients with chronic cerebrovascular disorder: A single-center retrospective cohort study. J of Stroke and Cerebrovascular Diseases. 2021;inprint.2022.1.Ohno C, Ogawa T, Taniguchi T, Kinoshita T, Fujita Y, Nishimura Y, Yamada H, Tajima F. Effect of 3-week preoperative rehabilitation on pain and daily physical activities in patients with severe osteoarthritis undergoing total knee arthroplasty. British Journal of Pain. 2021;inprint. 2022.1.

Kawasaki S. Follow-up study of subdermal low-echoic lesions in the ischial region in wheelchair users with spinal cord injuries. Frontiers in Medicine-Dermatology.2022.

Minetama M. Endplate defects, not the severity of spinal stenosis, contribute to low back pain in patients with lumbar spinal stenosis.Spine J2021.9

Effect of Perceptive Exploration Activity on Spoon Manipulation by Paralyzed Upper Extremity with Sensory Disturbance in a Patient with Stroke Hemiparesis: A Single-Subject Research Design. Asian Journal of Occupational Therapy.

Nishiyama K. Lipid metabolism after mild cold stress in persons with a cervical spinal cord injur Asian Journal of Occupational Therapy.Spinal Cord.

Sato C. Three-week exercise and protein intake immediately after exercise increases the 6-min walking distance with simultaneously improved plasma volume in patients with chronic cerebrovascular disease: A preliminary prospective study. BMC Sports Science, Medicine and Rehabilitation.