2024 年公表

助成対象者	発表論文	掲載雑誌
Nobe R, et al.	Association between lung contusion volume and acute changes in fibrinogen levels: A single-center observational study.	Acute Medicine & Surgery. 2024; 11(1): e945.
Yokota K, et al.	Changing trends in traumatic spinal cord injury in an aging society: Epidemiology of 1152 cases over 15 years from a single center in Japan.	PLoS One. 2024; 19(5): e0298836.
Okumura Y, et al.	The impact of listening to background music on inhibition control and prefrontal cortical activation in healthy older adults: A study using functional near-infrared spectroscop.	Cureus. 2024; 16(9): e69445.
Aoki M, et al.	Adherence to balanced transfusion among severely injured patients: A post hoc analysis of the RESTRIC trial.	Acute medicine & surgery. 2024; 11(1): e70016.
Tachino J, et al.	Plasma proteomics profile-based comparison of torso versus brain injury: A prospective cohort study.	Journal of Trauma and Acute Care Surgery. 2024; 97(4): 557-565.

2023 年公表

助成対象者	発表論文	掲載雑誌
Masahiro Ojima, et al.	Impact of the COVID-19 pandemic on epidemiology, treatment, and outcome of major trauma in Japan in 2020: a retrospective observational nationwide registry-based study.	Acute Medicine & Surgery. 2023; 10(1): e817.
Yuichi Yoshii, et al.	Correlations between 3D preoperative planning and postoperative reduction in the osteosynthesis of distal humeral fractures.	Journal of Orthopaedic Surgery and Research. 2023; 18(1): 283.
Shigeki Kubota, et al.	Feasibility and efficacy of the newly developed robotic Hybrid Assistive Limb shoulder exercises in patients with C5 palsy during the acute postoperative phase.	Medicina. 2023; 59(8): 1496.
Shinnosuke Kitano, et al.	Development of a machine learning model to predict cardiac arrest during transport of trauma patients.	Journal of Nippon Medical School. 2023; 90(2): 186-193.
Ken Kijima, et al.	Zinc deficiency impairs axonal regeneration and functional recovery after spinal cord injury by modulating macrophage polarization via NF-κB pathway.	Frontiers in Immunology. 2023; 14: 1290100.

2022 年公表

助成対象者	発表論文	掲載雑誌
Kumagai G, et al.	Prevalence of whiplash injury and its association with quality of life in local residents in Japan: A cross sectional study.	Journal of Orthopaedic Science. 2022; 27(1): 108-114.

助成対象者	発表論文	掲載雑誌
Hosomi S, et al.	Association of pre-hospital helicopter transport with reduced mortality in traumatic brain injury in Japan: A nationwide retrospective cohort study.	Journal of Neurotrauma. 2022; 39(1-2): 76-85.
Yoshii Y, et al.	An experimental study of a 3D bone position estimation system based on fluoroscopic images.	Diagnostics. 2022; 12(9): 2237.
Muratsu A, et al.	Evaluation of urinary extravasation after non-operative management of traumatic renal injury: A multi-center retrospective study.	European Journal of Trauma and Emergency Surgery. 2022; 48(3): 2117-2124.
Matsumoto-Miyazaki J, et al.	Spastic muscle stiffness evaluated using ultrasound elastography and evoked electromyogram in patients following severe traumatic brain injury: An observational study.	Brain Injury. 2022; 36(12-14): 1331-1339.
Oe K, et al.	Influence of metal implants on quantitative evaluation of bone single-photon emission computed tomography/computed tomography.	Journal of Clinical Medicine. 2022; 11(22): 6732.
Kato G, et al.	Perpendicular probing and screwing technique: A simple method for accurate pedicle screw placement based on the human internal reference frame for angle estimation.	PLoS One. 2022; 17(11): e0277229.

2021 年公表

助成対象者	発表論文	掲載雑誌
Eguchi Y.	Advances in magnetic resonance neuroimaging of neuropathy from degenerative spinal disorders.	Chiba Medical Journal. 2021; 97E: 1-10.
Kibayashi K, et al.	Analysis of autopsy cases involving individuals who experienced cardiopulmonary arrest immediately after sustaining minor head injuries.	Journal of Forensic and Legal Medicine. 2021; 81:102205.
Muratsu A, et al.	Usefulness of simultaneous measurement of brain and muscle regional oxygen saturation in shock patients: A report of three cases.	Clinical Case Reports. 2021; 9(8): e04715.
Hosomi S, et al.	Survival outcomes after traumatic brain injury during national academic meeting days in Japan.	Scientific Reports. 2021; 11(1): 15206.
Yogo N, et al.	Simplified clinical decision rule using clinically important events for risk prediction in pediatric head injury: A retrospective cohort study.	Journal of Clinical Medicine. 2021; 10(22): 5248.

2020 年公表

助成対象者	発表論文	掲載雑誌
Kanno H, et al.	Changes in expression of receptor-interacting protein kinase 1 in secondary neural tissue damage following spinal cord injury.	Neuroscience Insights. 2020; 15: 1-9.

助成対象者	発表論文	掲載雑誌
Egawa S, et al.	Efficacy of antibiotic-loaded hydroxyapatite/collagen composites is dependent on adsorbability for treating Staphylococcus aureus osteomyelitis in rats.	Journal of Orthopaedic Research. 2020; 38(4): 843–851.
Norimoto M, et al.	Does the increased motion probing gradient directional diffusion tensor imaging of lumbar nerves using multi-band SENSE improve the visualization and accuracy of FA values?	European Spine Journal. 2020; 29: 1693–1701.
Gakumazawa M, et al.	In-hospital mortality risk of transcatheter arterial embolization for patients with severe blunt trauma: A nationwide observational study.	Journal of Clinical Medicine. 2020; 9(11): 3485.
Hosomi S, et al.	Traumatic brain injury-related inflammatory projection: beyond local inflammatory responses.	Acute Medicine & Surgery. 2020; 7: e520.

2019 年公表

助成対象者	発表論文	掲載雑誌
Machino M, et al.	MR T2 image classification in adult patients of cervical spinal cord injury without radiographic abnormality: A predictor of surgical outcome.	Clinical Neurology and Neurosurgery. 2019; 177: 1–5.
Katayama Y, et al.	Prehospital factors associated with death on hospital arrival after traffic crash in Japan: A national observational study.	BMJ Open. 2019; 9(1): e025350.
Suehiro E, et al.	Probability of soluble tissue factor release lead to the elevation of D-dimer as a biomarker for traumatic brain injury.	Neurologia Medico-Chirurgica. 2019; 59(2): 63–67.
Hosomi S, et al.	Myeloid-derived suppressor cells infiltrate the brain and suppress neuroinflammation in a mouse model of focal traumatic brain injury.	Neuroscience. 2019; 406: 457–466.
Eguchi Y, et al.	Minimally invasive manganese-enhanced MRI for the sciatic nerve tract tracing using intra-articularly administered dextran-manganese complex encapsulated nanogels.	The Journal of Orthopaedic Research Spine. 2019; 2(2): e1059.

2018 年公表

助成対象者	発表論文	掲載雑誌
Maki S, et al.	Reduced field-of-view diffusion tensor imaging of the spinal cord shows motor dysfunction of the lower extremities in patients with cervical compression myelopathy.	Spine. 2018; 43(2): 89–96.
Kikuchi K, et al.	Application of a novel anti-adhesive membrane, E8002, in a rat laminectomy model.	International Journal of Molecular Sciences. 2018;19(5): 1513.

助成対象者	発表論文	掲載雑誌
Nogami S, et al.	Relationship between arthroscopic findings of synovitis and levels of tumor necrosis factor–alpha and matrix metalloproteinases in synovial lavage fluid from patients with unilateral high mandibular condyle fractures.	Journal of Oral Rehabilitation. 2018; 45(6): 452–458.
Koakutsu T, et al.	Postoperative changes in presepsin level and values predictive of surgical site infection after spinal surgery: A single–center, prospective observational study.	Spine. 2018; 43(8): 578–584.
Hosomi S, et al.	Inflammatory projections after focal brain injury trigger neuronal network disruption: An ^{18}F–DPA714 PET study in mice.	NeuroImage: Clinical. 2018; 20: 946–954.
Kikuchi K, et al.	Uric acid enhances alteplase–mediated thrombolysis as an antioxidant.	Scientific Reports. 2018; 8(1): 15844.

2017 年公表

助成対象者	発表論文	掲載雑誌
Maki S, et al.	Diffusion tensor imaging can predict surgical outcomes of patients with cervical compression myelopathy.	European Spine Journal. 2017; 26: 2459–2466.
Sato Y, et al.	Effect of retroperitoneal pelvic packing on pelvic cavity pressure: A cadaveric study.	Orthopedics. 2017; 40(6): e947–e951.
Hayakawa K, et al.	Relationship between intracranial pressure or cerebral perfusion pressure and prognosis in patients with severe traumatic brain injury treated with mild hypothermia.	Journal of Trauma & Treatment. 2017; 6(2).
栗原まな.	6 歳未満で交通事故による脳外傷を受傷した 25 例の検討.	神経外傷. 2017; 40: 85–91.

2016 年公表

助成対象者	発表論文	掲載雑誌
Sano H, et al.	Comparison of fixation properties between coil–type and screw–type anchors for rotator cuff repair: A virtual pullout testing using 3–dimensional finite element method.	Journal of Orthopaedic Science. 2016; 21(4): 452–457.
Morikawa M, et al.	Seatbelt use and seat preference among pregnant women in Sapporo, Japan, in 2013.	Journal of Obstetrics and Gynaecology Research. 2016; 42(7): 810–815.
Kishima H, et al.	Respiratory function under intrathecal baclofen therapy in patients with spastic tetraplegia.	Neuromodulation. 2016; 19(6): 650–654.

助成対象者	発表論文	掲載雑誌
Nozaki T, et al.	Predicting retear after repair of full-thickness rotator cuff tear: Two-point dixon MR imaging quantification of fatty muscle degeneration—initial experience with 1-year follow-up.	Radiology. 2016; 280(2): 500-509.
Maki S, et al.	Tract-specific diffusion tensor imaging reveals laterality of neurological symptoms in patients with cervical compression myelopathy.	World Neurosurgery. 2016; 96: 184-190.
Uchiyama Y, et al.	Retrospective comparison of postoperative infection and bone union between late and immediate intramedullary nailing of Gustilo grades I, II, and IIIA open tibial shaft fractures.	Trauma Surgery & Acute Care Open. 2016; 1(1); e000035.
Yoshizumi T, et al.	Granulocyte colony-stimulating factor improves motor function in rats developing compression myelopathy.	Spine. 2016; 41(23): E1380-E1387.
木林和彦,他.	自転車が関係した交通事故での死亡者の現状と対策.	IATSS review（国際交通安全学会誌）. 2016; 41(2): 106-113.

2015 年公表

助成対象者	発表論文	掲載雑誌
Uruma G, et al.	Evaluation of regional white matter volume reduction after diffuse axonal injury using voxel-based morphometry.	Magnetic Resonance in Medical Sciences. 2015; 14(3): 183-192.
Itakura G, et al.	Controlling immune rejection is a fail-safe system against potential tumorigenicity after human iPSC-derived neural stem cell transplantation.	PLoS One. 2015; 10(2): e0116413.
永田智子.	外傷性脊髄損傷急性期の摂食・嚥下障害と呼吸機能、基礎代謝の検討.	日本脊髄障害医学会誌. 2015; 28(1): 50-51.
Nozaki T, et al.	Quantification of fatty degeneration within the supraspinatus muscle by using a 2-point dixon method on 3-T MRI.	American Journal of Roentgenology. 2015; 205(1): 116-122.
Sekiya T, et al.	Cells transplanted onto the surface of the glial scar reveal hidden potential for functional neural regeneration.	Proceedings of the National Academy of Sciences. 2015; 112(26): E3431-E3440.
Sano H, et al.	Predicting failures of suture anchors used for rotator cuff repair: A CT-based 3-dimensional finite element analysis.	Bio-Medical Materials and Engineering. 2015; 25: 371-380.

Tsurukiri J, et al.	Middle latency auditory-evoked potential index monitoring of cerebral function to predict functional outcome after emergency craniotomy in patients with brain damage.	Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine. 2015; 23: 80.
加藤晶人,他.	重症頭部外傷および重症脳卒中患者の頭蓋内圧亢進に対する hinge craniotomy の有効性の検討.	神経外傷. 2015; 38: 100-107.

※上記の論文につきましては、掲載雑誌（出版社等）より入手ください。