

2025 年公表

助成対象者	発表論文	掲載雑誌
Shigeta K, et al.	Effectiveness of vacuum-assisted wound closure and mesh-mediated fascial traction in open abdomen management.	Surgery Today. 2025; 55: 335-342.
Yokochi M, et al.	Characteristics of lower limb muscle activity during walking and stair climbing with full weight bearing in postoperative ankle fracture patients.	Cureus. 2025; 17(7): e87620.
Okazawa K, et al.	The Relationship between driving performance and lower limb motor function after total knee arthroplasty using a driving simulator: A pilot study on elucidating factors influencing accelerator and brake operations.	Life. 2025; 15(5): 768.
Sekiya T, et al.	The Glial scar: To penetrate or not for motor pathway restoration?	Cell Transplantation. 2025; 34: 1-25.

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助成対象者	発表論文	掲載雑誌
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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 spectroscopy.	Cureus. 2024; 16(9): e69445.
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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.

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Kubota S, 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.
Kitano S, 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.
Kijima K, et al.	Zinc deficiency impairs axonal regeneration and functional recovery after spinal cord injury by modulating macrophage polarization via NF- κ B pathway.	Frontiers in Immunology. 2023; 14: 1290100.

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助成対象者	発表論文	掲載雑誌
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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.
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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.

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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.
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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.
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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.

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助成対象者	発表論文	掲載雑誌
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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.
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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.

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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.
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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.
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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.

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