
災害・救命医療学講座

【研究プロジェクト名および概要】

- I. 災害時の避難所における健康被害の要因解明に関する研究
- II. 心停止後症候群の病態と低体温療法に関する研究
- III. 敗血症における自律神経機能と予後に関する研究
- IV. 感染症パンデミックにおける遠隔医療の有用性に関する研究

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【特殊技術・特殊装置】

1. ハートシム ACLS トレーニングシステム

【英文論文】

1. Tomoyuki Endo, David F. Gaieski, Ken Nagao, Hiroshi Nonogi, Migaku Kikuchi, Hideki Arimoto, Mamoru Hase, Shunji Kasaoka, Satoshi Takeda, Hiroyuki Hanada, Yoshio Tahara, Hiroshi Takahashi, Yasuhiro Kuroda, Nagayama Masao, Hisao Matsushima, and Japanese Circulation Society Emergency and Critical Care Committee: Development, implementation, and refinement of a comprehensive postcardiac arrest care training course in Japan. **Acute Medicine & Surgery** 2022; 9: e794.
2. Hisaki Naito, Daisuke Suetac, Satoko Hanatani, Hatsuo Ikeda, Akiyuki Hirose, Takafumi Senokuchi, Eiichi Araki, Kenichi Tsujita, Hideki Nakayama, Shunji Kasaoka: Factors Affecting Human Damage in Heavy Rains and Typhoon Disasters. **Tohoku J Exp Med.** 2022; 256(2): 175-185.
3. Ryuta Nakashima, Munenori Kotoku, Ayako Gamachi, Nobuhiro Inagaki, Shunji Kasaoka: An Autopsy Case of Fulminant, Suppurative Bacterial Myocarditis Caused by Group B Streptococcus. **Internal Medicine** 2022; 61: 907-912.
4. Masakazu Matsuzaki, MD; Naoya Matsumoto, MD; Ken Nagao, MD; Hirotaka Sawano, MD; Hiroyuki Yokoyama, MD; Yoshio Tahara, MD; Mamoru Hase, MD; Shinichi Shirai, MD; Hiroshi Hazui, MD; Hideki Arimoto, MD; Kazunori Kashiwase, MD; Shunji Kasaoka, MD; Tomokazu Motomura, MD; Yasuhiro Kuroda, MD; Yuji Yasuga, MD; Naohiro Yonemoto, PhD; Hiroshi Nonogi, MD for the J-PULSE-Hypo Investigators: Impact of Induced Therapeutic Hypothermia by Intravenous Infusion of Ice-Cold Fluids After Hospital Arrival in Comatose Survivors of Out-of-Hospital Cardiac Arrest With Initial Shockable Rhythm. **Circulation Journal** 2021; 85: 1842-1848.
5. Yoshio Tahara, MD; Teruo Noguchi, MD; Naohiro Yonemoto, PhD; Takahiro Nakashima, MD; Satoshi Yasuda, MD; Migaku Kikuchi, MD; Katsutaka Hashiba, MD; Hideki Arimoto, MD; Kenji Nishioka, MD; Nobuaki Kokubu, MD; Takahiro Atsumi, MD; Kazunori Kashiwase, MD; Shunji Kasaoka, MD; Yasuhiro Kuroda, MD; Akiko Kada, BSc; Hiroyuki Yokoyama, MD; Hiroshi Nonogi, MD for the J-PULSE-Hypo-DC Trial Study Group: Cluster Randomized Trial of Duration of Cooling in Targeted Temperature Management After Resuscitation for Cardiac Arrest. **Circulation Report** 2021; 3: 368-374.
6. Hisaki Naito, Daisuke Suetac., Katsumori Ogata, Masashi Nagata, Akiyuki Hirose, Hiromichi Tanaka, Keiji Uezono, Ken Okamoto, Kenichi Tsujita, Toshihiro Fukui, Hideki Nakayama, Shunji Kasaoka: A case of Acute Aortic Dissection with Orofacial Pain as the Initial Manifestation. **Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology** 2021; 33: 340-343.

7. Kazuya Odawara, Tadashi Kaneko, Shunji Kasaoka: Lower target temperature management in patients with post-cardiac arrest syndrome could not show advantage, with or without resuscitation interval ≤ 30 minutes. Retrospective analysis of nationwide multicenter observational study in Japan. **Critical Care & Shock** 2021;24: 85-92.
8. Shunji Kasaoka, Hisaki Naito, Yuri Uchigashima: Poor Environmental Conditions Created the Acute Health Deteriorations in Evacuation Shelters after the 2016 Kumamoto Earthquake. **Tohoku J Exp Med** 2023;261:309-315.
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