

<論文化された研究>

1. Long-Term Impact of the Kumamoto Earthquake on Out-of-Hospital Cardiac Arrest With Cardiac and Non-Cardiac Origins - An Interrupted Time Series Analysis. Kojima S, Michikawa T, Tsujita K, Yonemoto N, Tahara Y, Ikeda T; Japanese Circulation Society Resuscitation Science Study (JCS-ReSS) Group. *Circ J.* 2024; doi: 10.1253/circj.CJ-24-0277.
2. Impact of a national initiative to provide civilian cardiopulmonary resuscitation training courses on the rates of bystander intervention by citizens and survival after out-of-hospital cardiac arrest. Yamaguchi T, Nakai M, Kodama T, Kuwabara M, Yonemoto N, Ikeda T, Tahara Y. *Resuscitation.* 2024; 195: 110116. doi: 10.1016/j.resuscitation.2024.110116.
3. Impact of Updating the Cardiopulmonary Resuscitation Guidelines on Out-of-Hospital Shockable Cardiac Arrest: A Population-Based Cohort Study in Japan. Yagi T, Nagao K, Yonemoto N, Gaieski DF, Tachibana E, Ito N, Shirai S, Tahara Y, Nonogi H, Ikeda T. *J Am Heart Assoc.* 2024; 13: e031394. doi: 10.1161/JAHA.123.031394.
4. Left-digit bias in out-hospital cardiac arrest: The JCS-ReSS study. Suzuki T, Mizuno A, Yoneoka D, Nakashima T, Matoba T, Node K, Yonemoto N, Tahara Y, Kobayashi Y, Ikeda T. *PLoS One.* 2024; 19: e0305577. doi: 10.1371/journal.pone.0305577.
5. Impact of the COVID-19 pandemic on pediatric out-of-hospital cardiac arrest outcomes in Japan. Chida-Nagai A, Sato H, Yamazawa H, Takeda A, Yonemoto N, Tahara Y, Ikeda T. *Sci Rep.* 2024; 14: 11246. doi: 10.1038/s41598-024-61650-x.
6. Neurological prognosis prediction upon arrival at the hospital after out-of-hospital cardiac arrest: R-EDByUS score. Shimada T, Kawai R, Shintani A, Shibata A, Otsuka K, Ito A, Yamazaki T, Izumiya Y, Fukuda D, Yonemoto N, Tahara Y, Ikeda T. *Resuscitation.* 2024; 200: 110257. doi: 10.1016/j.resuscitation.2024.110257.
7. Association between defibrillation-to-adrenaline interval and short-term outcomes in patients with out-of-hospital cardiac arrest and an initial shockable rhythm. Kawakami S, Tahara Y, Noguchi T, Yasuda S, Koga H, Nishi JI, Yonemoto N, Nonogi H, Ikeda T. *Resusc Plus.* 2024; 18: 100651. doi: 10.1016/j.resplu.2024.100651.
8. Impact of number of defibrillation attempts on neurologically favourable survival rate in patients with Out-of-Hospital cardiac arrest. Tateishi K, Saito Y, Kitahara H, Shiko Y, Kawasaki Y, Nonogi H, Tahara Y, Yonemoto N, Nagao K, Ikeda T, Sato N, Kobayashi Y. *Resuscitation.* 2023; 186: 109779. doi: 10.1016/j.resuscitation.2023.109779.
9. Sex- and age-based disparities in public access defibrillation, bystander cardiopulmonary resuscitation, and neurological outcome in cardiac arrest. Ishii M, Tsujita K, Seki T, Okada M, Kubota K, Matsushita K, Kaikita K, Yonemoto N, Tahara Y, Ikeda T. *JAMA Netw Open.* 2023; 6: e2321783. doi: 10.1001/jamanetworkopen.2023.21783.
10. Prehospital predicting factors using a decision tree model for patients with witnessed out-of-hospital cardiac arrest and an initial shockable rhythm. Tateishi K, Saito Y,

- Yasufuku Y, Nakagomi A, Kitahara H, Kobayashi Y, Tahara Y, Yonemoto N, Ikeda T, Sato N, Okura H. *Sci Rep.* 2023; 13: 16180. doi: 10.1038/s41598-023-43106-w.
- 11. Changes in neurological outcomes of out-of-hospital cardiac arrest during the COVID-19 pandemic in Japan: a population-based nationwide observational study. Katasako A, Yoshikawa Y, Noguchi T, Ogata S, Nishimura K, Tsujita K, Kusano K, Yonemoto N, Ikeda T, Nakashima T, Tahara Y. *Lancet Reg Health West Pac.* 2023; 36: 100771. doi: 10.1016/j.lanwpc.2023.100771.
 - 12. Adult influenza epidemic is associated with out-of-hospital cardiac arrest: From the All-Japan Utstein Registry, a prospective, nationwide, population-based, observational registry. Suematsu Y, Kuwano T, Yamashita M, Tsutsui H, Sato N, Ikeda T, Nagao K, Yonemoto N, Tahara Y, Saku K, Miura SI, on behalf of the Japanese Circulation Society with Resuscitation Science Study (JCS-ReSS) Group. *Medicine (Baltimore).* 2022; 101: e29535. doi: 10.1097/MD.00000000000029535.
 - 13. Comparison of clinical outcomes between patients with pulseless-ventricular tachycardia and ventricular fibrillation in out-of-hospital cardiac arrest. Kato Y, Miura SI, Hirayama A, Izumi C, Yasuda S, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H, Kobayashi Y. *Resusc Plus.* 2021; 6: 100107. doi: 10.1016/j.resplu.2021.100107.
 - 14. Fine particulate matter and out-of-hospital cardiac arrest of respiratory origin. Kojima S, Michikawa T, Matsui K, Ogawa H, Yamazaki S, Nitta H, Takami A, Ueda K, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Kobayashi Y; Japanese Circulation Society With Resuscitation Science Study (JCS-ReSS) Group. *Eur Respir J.* 2021; 57: 2004299. doi: 10.1183/13993003.04299-2020.
 - 15. Association of Fine Particulate Matter Exposure With Bystander-Witnessed Out-of-Hospital Cardiac Arrest of Cardiac Origin in Japan. Kojima S, Michikawa T, Matsui K, Ogawa H, Yamazaki S, Nitta H, Takami A, Ueda K, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H; Japanese Circulation Society With Resuscitation Science Study (JCS-ReSS) Group. *JAMA Netw Open.* 2020; 3: e203043. doi: 10.1001/jamanetworkopen.2020.3043.
 - 16. Association between time of out-of-hospital cardiac arrest and survival: Examination of the all-Japan Utstein registry and comparison with the 2005 and 2010 international resuscitation guidelines. Kato K, Otsuka T, Seino Y, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H; Japanese Circulation Society with Resuscitation Science Study (JCS-ReSS) Group. *Int J Cardiol.* 2021; 324: 214-220.
 - 17. Intra-day change in occurrence of out-of-hospital ventricular fibrillation in Japan: The JCS-ReSS study. Otsuki S, Aiba T, Tahara Y, Nakajima K, Kataoka N, Kamakura T, Wada M, Ishibashi K, Yamagata K, Inoue Y, Miyamoto K, Nagase S, Noda T, Izumi C, Noguchi T, Nishimura K, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H, Yasuda S, Kusano K; Japanese Circulation Society With Resuscitation Science Study (JCS-ReSS) Group. *Int J Cardiol.* 2020; 318: 54-60.
 - 18. Improved outcomes for out-of-hospital cardiac arrest patients treated by emergency life-saving technicians compared with basic emergency medical technicians: A JCS-ReSS study report. Naito H, Yumoto T, Yorifuji T, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H. *Resuscitation.* 2020; 153: 251-257.

19. Public-access defibrillation and neurological outcomes in patients with out-of-hospital cardiac arrest in Japan: a population-based cohort study. Nakashima T, Noguchi T, Tahara Y, Nishimura K, Yasuda S, Onozuka D, Iwami T, Yonemoto N, Nagao K, Nonogi H, Ikeda T, Sato N, Tsutsui H; Japanese Circulation Society with Resuscitation Science Study Group. *Lancet*. 2019; 394: 2255-2262.
20. Geographical Differences and the National Meeting Effect in Patients with Out-of-Hospital Cardiac Arrests: A JCS-ReSS Study Report. Yumoto T, Naito H, Yorifuji T, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H. *Int J Environ Res Public Health*. 2019; 16: 5130. doi: 10.3390/ijerph16245130.
21. Citizen bystander-patient relationship and 1-month outcomes after out-of-hospital cardiac arrest of cardiac origin from the All-Japan Utstein Registry: a prospective, nationwide, population-based, observational study. Suematsu Y, Zhang B, Kuwano T, Sako H, Ogawa M, Yonemoto N, Nonogi H, Kimura T, Nagao K, Yasunaga S, Saku K, Miura SI; Japanese Circulation Society with Resuscitation Science Study (JCS-ReSS) Group. *BMJ Open*. 2019; 9: e024715. doi: 10.1136/bmjopen-2018-024715.
22. Association Between Prehospital Supraglottic Airway Compared With Bag-Mask Ventilation and Glasgow-Pittsburgh Cerebral Performance Category 1 in Patients With Out-of-Hospital Cardiac Arrest. Jinno K, Hifumi T, Okazaki T, Kuroda Y, Tahara Y, Yonemoto N, Nonogi H, Nagao K, Ikeda T, Sato N, Tsutsui H; Japanese Circulation Society Resuscitation Science Study (JCS-ReSS) Group. *Circ J*. 2019; 83: 2479-2486.
23. Duration of Prehospital Resuscitation Efforts After Out-of-Hospital Cardiac Arrest. Nagao K, Nonogi H, Yonemoto N, Gajeski DF, Ito N, Takayama M, Shirai S, Furuya S, Tani S, Kimura T, Saku K; Japanese Circulation Society With Resuscitation Science Study (JCS-ReSS) Group*. *Circulation*. 2016; 133: 1386-96.
24. Association between dental caries and out-of-hospital cardiac arrests of cardiac origin in Japan. Suematsu Y, Miura S, Zhang B, Uehara Y, Ogawa M, Yonemoto N, Nonogi H, Nagao K, Kimura T, Saku K; Japanese Circulation Society Resuscitation Science Study (JCS-ReSS) Group. *J Cardiol*. 2016; 67: 384-91.
25. Associations between the consumption of different kinds of seafood and out-of-hospital cardiac arrests of cardiac origin in Japan. Suematsu Y, Miura SI, Zhang B, Uehara Y, Tokunaga M, Yonemoto N, Nonogi H, Nagao K, Kimura T, Saku K; Japanese Circulation Society Resuscitation Science Study (JCS-ReSS) Group. *Int J Cardiol Heart Vessel*. 2013; 2: 8-14.
26. Chest-Compression-only bystander cardiopulmonary resuscitation in the 30:2 compression-to-ventilation ratio era— Nationwide observational study – Japanese Circulation Society Resuscitation Science Study Group. *Circ J*. 2013; 77: 2742–50.
27. Chest compression-only cardiopulmonary resuscitation for out-of-hospital cardiac arrest with public-access defibrillation: a nationwide cohort study. Iwami T, Kitamura T, Kawamura T, Mitamura H, Nagao K, Takayama M, Seino Y, Tanaka H, Nonogi H, Yonemoto N, Kimura T; Japanese Circulation Society Resuscitation Science Study (JCS-ReSS) Group. *Circulation*. 2012; 126: 2844-51.
28. Nationwide improvements in survival from out-of-hospital cardiac arrest in Japan. Kitamura T, Iwami T, Kawamura T, Nitta M, Nagao K, Nonogi H, Yonemoto N,

Kimura T; Japanese Circulation Society Resuscitation Science Study Group.
Circulation. 2012; 126: 2834-43.