

## 【英文原著】

1. Shipolini AR, Yokoyama H, Galinanes M, Edmondson SJ, Hearse DJ, Avkiran M.  $\text{Na}^+/\text{H}^+$  exchanger activity does not contribute to protection by ischemic preconditioning in the isolated rat heart. *Circulation* 96: 3617-3625, 1997.
2. Yokoyama H, Yasutake M, Avkiran M.  $\alpha_1$ -Adrenergic stimulation of sarcolemmal  $\text{Na}^+/\text{H}^+$  exchanger activity in rat ventricular myocytes: evidence for selective mediation by the  $\alpha_{1A}$ -adrenoceptor subtype. *Circ Res* 82: 1078-1085, 1998.
3. Snabaitis AR, Yokoyama H, Avkiran M. Role of mitogen-activated protein kinases and protein kinase C in  $\alpha_{1A}$ -adrenoceptor-mediated stimulation of the sarcolemmal  $\text{Na}^+/\text{H}^+$  exchanger. *Circ Res* 86: 214-220, 2000.
4. Yokoyama H, Gunasegaram S, Harding SE, Avkiran M. Sarcolemmal  $\text{Na}^+/\text{H}^+$  exchanger activity and expression in human ventricular myocardium. *J Am Coll Cardiol* 36:534-540, 2000.
5. Avkiran M. and Yokoyama H. Adenosine  $A_1$  receptor stimulation inhibits  $\alpha_1$ -adrenergic activation of the cardiac sarcolemmal  $\text{Na}^+/\text{H}^+$  exchanger. *Brit J Pharmacol* 131: 659-662, 2000
6. Kojima S, Shida M, Tanaka K, Takano H, Yokoyama H, Kuramochi M. Renal macrostructure and cortical circulation in hypertension assessed by dynamic computed tomography. *Am J Hypertens*. 2001 Jun; 14(6 Pt 1):516-23.
7. Kojima S, Shida M, Takano H, Inami S, Yodogawa K, Yokoyama H, Kuramochi M. Effects of losartan on blood pressure and humoral factors in a patient who suffered from anaphylactoid reactions when treated with ACE inhibitors during LDL apheresis. *Hypertens Res*. 24(5): 595-8; 2001
8. Kojima S, Shida M, Tanaka K, Takano H, Yokoyama H, Kuramochi M. Acute changes in plasma levels of hepatocyte growth factor during low-density lipoprotein apheresis. *Ther Apher*. 2001 Feb;5 (1):2-6.
9. Yasutake M, Kunimi T, Sato N, Yokoyama H, Sasaki Y, Kusama Y, Hata N, Takayama M, Munakata K, Kishida H, Takano T, Hayakawa H. Effects of a single oral dose of cilostazol on epicardial coronary arteries and hemodynamics in humans. *Circ J*. 66: 241-246, 2002
10. Shimada Y, Gunasegaram S, Yokoyama H, Avkiran M. Inhibition of angiotensin-converting enzyme reduces susceptibility of hypertrophied rat myocardium to ventricular fibrillation. *Circ J*. 66(11):1045-53;2002
11. Kojima S, Shida M, Yokoyama H. Changes in C-reactive protein plasma levels during low-density lipoprotein apheresis. *Ther Apher Dial*. 7(4): 431-4; 2003
12. Yoshio Yasumura, Kunio Miyatake, Hiroshi Okamoto, Takeshi Miyauchi, Masatoshi Kawana, Takayoshi Tsutamoto, Masafumi Kitakaze, Hiroaki Matsubara, Hideyuki Takaoka, Teisuke Anzai, Hideo Himeno, Hiroyuki Yokoyama, Koichi Yokoya, Uichirou Shintani, Katsuji Hashimoto, Yukihiro Koretsune, Yukio Nakamura, Katsuji Imai, Shingo Maruyama, Yoshiko Masaoka, Michihito Sekiya, Teruo Shiraki, Hisanori Shinohara, Keizaburo Ozono, Tatsuru Matsuoka, Yuji Miyao and Fumikazu Nomura. Rationale for the Use of Combination Angiotensin-Converting Enzyme Inhibitor and

- Angiotensin II Receptor Blocker Therapy in Heart Failure. *Circ J.* 68 (4): 361-366; 2004
13. Kojima S, Shida M, Yokoyama H. Comparison between cilnidipine and amlodipine besilate with respect to proteinuria in hypertensive patients with renal diseases. *Hypertens Res.* 2004; 27 (6):379-85.
  14. Hori M, Kitabatake A, Tsutsui H, Okamoto H, Shirato K, Nagai R, Izumi T, Yokoyama H, Yasumura Y, Ishida Y, Matsuzaki M, Oki T, Sekiya M; The J-DHF Program Committee. Rationale and design of a randomized trial to assess the effects of beta-blocker in diastolic heart failure; Japanese Diastolic Heart Failure Study (J-DHF). *J Card Fail.* 2005; 11 (7):542-7.
  15. Uemura R, Tanabe J, Yokoyama H, Ohaki M. Impact of Histological Plaque Characteristics on Intravascular Ultrasound Parameters at Culprit Lesions in Coronary Artery Disease. *Int Heart J.* 2006; 47 (5) :683-693.
  16. Yoichi Goto, Muneyasu Saito, Toshiji Iwasaka, Hiroyuki Daida, Masahiro Kohzuki, Kenji Ueshima, Shigeru Makita, Hitoshi Adachi, Hiroyoshi Yokoi, Kazuto Omiya, Hiroshi Mikouchi, Hiroyuki Yokoyama and The Japanese Cardiac Rehabilitation Survey Investigators. Poor Implementation of Cardiac Rehabilitation Despite Broad Dissemination of Coronary Interventions for Acute Myocardial Infarction in Japan. A Nationwide Survey. *Circulation Journal* 2007; 71 (2): 173-179.
  17. Yusuke Hosokawa, Norishige Morita, Michio Ogano, Hiroyuki Yokoyama. Brugada Syndrome Subject to Depolarization Abnormality of the Conduction System. *Annals of Noninvasive Electrocardiology.* 2007; 12 (4) : 383-387.
  18. Iwami T, Kawamura T, Hiraide A, Berg RA, Hayashi Y, Nishiuchi T, Kajino K, Yonemoto N, Yukioka H, Sugimoto H, Kakuchi H, Sase K, Yokoyama H, Nonogi H. Effectiveness of Bystander-Initiated Cardiac-only Resuscitation for Patients with Out-of-Hospital Cardiac Arrest. *Circulation* 2007;116:2900-2907
  19. Aoki A, Tanabe J, Inami T, Ogano M, Kobayashi N, Hosokawa Y, Yokoyama H, Takano H, Mizuno K. Late multiple stent fractures following deployment of sirolimus-eluting stents for diffuse right coronary artery stenosis. *Int Heart J.* 2007; 48(6):767-72.
  20. Hata N, Seino Y, Tsutamoto T, Hiramitsu S, Kaneko N, Yoshikawa T, Yokoyama H, Tanaka K, Mizuno K, Nejima J, Kinoshita M. Effects of Carperitide on the Long-Term Prognosis of Patients With Acute Decompensated Chronic Heart Failure. *Circ J.* 2008;72(11); 1787-1793.
  21. Yusuke Hosokawa, Hitoshi Takano, Asako Aoki, Toru Inami, Michio Ogano, Nobuaki Kobayashi, Jun Tanabe, Hiroyuki Yokoyama, Takayoshi Kato, Hisato Takagi, Takuya Umemoto, Morimasa Takayama, Kyoichi Mizuno. Management of Coronary Artery Disease in Patients Undergoing Elective Abdominal Aortic Aneurysm Open Repair. *Clinical Cardiology* 2008; 31(12); 580 – 585
  22. Otsuka Y, Yokoyama H and Nonogi H. A Novel Mobile Telemedicine System for Real-time Transmission of Out-of-hospital ECG Data for ST-elevation Myocardial Infarction. *Catheter Cardiovasc Interv.* 2009 Nov 15; 74(6):867-72.
  23. Naganuma M, Toyoda K, Nonogi H, Yokota C, Koga M, Yokoyama H, Okayama A, Naritomi H, Minematsu K. Early hospital arrival improves outcome at discharge in

- ischemic, but not hemorrhagic, stroke. *Cerebrovascular disease*. 2009;28(1); 33-38
24. Nishiyama C, Iwami T, Kawamura T, Ando M, Kajino K, Yonemoto N, Fukuda R, Yuasa H, Yokoyama H, Nonogi H. Effectiveness of simplified chest compression-only CPR training program with or without preparatory self-learning video: a randomized controlled trial. *Resuscitation*. 2009;80(10):1164-8
  25. Yasuda S, Sawano H, Hazui H, Ukai I, Yokoyama H, Ohashi J, Sase K, Kada A, Nonogi H; J-PULSE Investigators. Report from J-PULSE multicenter registry of patients with shock-resistant out-of-hospital cardiac arrest treated with nifekalant hydrochloride. *Circ J*. 2010; 74:2308-13.
  26. Yoshimuta T, Yokoyama H, Okajima T, Yamagishi M, Nonogi H. Echocardiographic diagnosis of aortic intramural hematoma via the posterior paraspinal window. *Intern Med*. 2010; 49(1):83-4.
  27. Yokoyama H, Yonemoto N, Yonezawa K, Fuse J, Shimizu N, Hayashi T, Tsuji T, Yoshikawa K, Wakamatsu H, Otani N, Sakuragi S, Fukusaki M, Tanaka H, Nonogi h, and the J-RCPR investigators. Report from The Japanese Registry of CPR for In-hospital Cardiac Arrest (J-RCPR). *Circ Journal* 2011;75(4): 815-822
  28. Yokoyama H, Nagao K, Hase M, Tahara Y, Hazui H, Arimoto H, Kashiwase K, Sawano H, Yasuga Y, Kuroda Y, Kasaoka S, Shirai S, Yonemoto N, Nonogi H and for the J-PULSE-Hypo Investigators. Impact of Therapeutic Hypothermia in the Treatment of Patients with Out-of-Hospital Cardiac Arrest from the J-PULSE-HYPO Study Registry. *Circ Journal* 2011;75(5): 1063-1070.
  29. Steve Lin, Hiroyuki Yokoyama, Valeria E. Rac, Steven C. Brooks. Novel Biomarkers in Diagnosing Cardiac Ischemia in the Emergency Department: A Systematic Review. *Resuscitation*. 2012;83(6):684-91..
  30. Chun-Yen Chen, Akemi Yoshida, Masanori Asakura, Takuya Hasegawa, Hiroyuki Takahama, Makoto Amaki, Akira Funada, Hiroshi Asanuma, Hiroyuki Yokoyama, Jiyoong Kim, Hideaki Kanzaki, Masafumi Kitakaze. Serum Blood Urea Nitrogen and Plasma B-type Natriuretic Peptide Levels and Low Diastolic Blood Pressure Predict Cardiovascular Morbidity and Mortality following the Discharge in Patients Hospitalized with Acute Decompensated Heart Failure. *Circ Journal* 2012; 76(10); 2372-2379.
  31. Taketomo Soga, Ken Nagao, Hirotaka Sawano, Yoshio Tahara, Mamoru Hase, Takayuki Otani, Shinichi Shirai, Hiroshi Hazui, Hideki Arimoto, Kazunori Kashiwase, Shunji Kasaoka, Yuichi Motomura, Yasuhiro Kuroda, Yuji Yasuga, Naohiro Yonemoto, Hiroyuki Yokoyama, Hiroshi Nonogi, and for the J-PULSE-Hypo Investigators. "Neurological Benefit of Therapeutic Hypothermia Following Return of Spontaneous Circulation for Out-of-Hospital Non-Shockable Cardiac Arrest" . *Circ J*. 2012; 76(11):2579-85.
  32. Haruyuki Yuasa, Hiroyuki Yokoyama, Naohiro Yonemoto, Yoichiro Kasahara and Hiroshi Nonogi. Evaluation of Airway Scope at improving the success rate of the first intubation attempt by non-expert physicians: A randomized cross-over manikin study. *ISRN Anesthesiology*
  33. Takahama H, Yokoyama H, Kada A, Sekiguchi K, Fujino M, Funada A, Amaki M,

- Hasegawa T, Asakura M, Kanzaki H, Anzai T, Kitakaze M. The extent of heart rate reduction during hospitalization using beta-blockers, not the achieved heart rate itself at discharge, predicts the clinical outcome in patients with acute heart failure syndromes. *J Cardiol*. 2013 Jan; 61(1):58-64.
34. Hiroyuki Yokoyama, Nobuhito Yagi, Yoritaka Otsuka, Jun-ichi Kotani, Masaharu Ishihara, Satoshi Yasuda, Kazuhiro Sase, Hisao Ogawa, Hiroshi Nonogi. Use of a Mobile Telemedicine System during Transport of Emergency Myocardial Infarction Patients would be an Effective Technology in the Pre-hospital Medical System. *J Jpn Coron Assoc*. 2014; 20(4): 307-313.
35. Masahiko Saito, Kenji Ueshima, Muneyasu Saito, Toshiji Iwasaka, Hiroyuki Daida, Masahiro Kohzuki, Shigeru Makita, Hitoshi Adachi, Hiroyoshi Yokoi, Kazuto Omiya, Hiroshi Mikouchi, Hiroyuki Yokoyama, Yoichi Goto. Safety of Exercise-Based Cardiac Rehabilitation and Exercise Testing for Cardiac Patients in Japan: A Nationwide Survey. *Circ J*. 2014 ; 78(7): 1646-1653
36. Momomura S, Seino Y, Kihara Y, Adachi H, Yasumura Y, Yokoyama H. Adaptive servo-ventilation therapy using an innovative ventilator for patients with chronic heart failure: a real-world, multicenter, retrospective, observational study (SAVIOR-R). *Heart Vessels*. 2015 Nov;30(6):805-17
37. Yoichi Takaya, Fumiki Yoshihara, Hiroyuki Yokoyama, Hideaki Kanzaki, Masafumi Kitakaze, Yoichi Goto, Toshihisa Anzai, Satoshi Yasuda, Hisao Ogawa, Yuhei Kawano. Impact of onset time of acute kidney injury on outcomes in patients with acute decompensated heart failure. *Heart Vessels*. 2016 Jan; 31(1):60-5
38. Tomoike H, Yokoyama H, Sumita Y, Hanai S, Kada A, Okamura T, Yoshikawa J, Doi Y, Hori M, Tei C; Scientific Committee of the JCS. Nationwide distribution of cardiovascular practice in japan - results of Japanese circulation society 2010 annual survey. *Circ J*. 2015; 79(5):1058-67.
39. Takaya Y, Yoshihara F, Yokoyama H, Kanzaki H, Kitakaze M, Goto Y, Anzai T, Yasuda S, Ogawa H, Kawano Y. Risk Stratification of Acute Kidney Injury Using the Blood Urea Nitrogen/Creatinine Ratio in Patients With Acute Decompensated Heart Failure. *Circ J*. 2015; 79(7):1520-1525
40. Seino Y, Momomura S, Kihara Y, Adachi H, Yasumura Y, Yokoyama H; SAVIOR-C investigators. Effects of adaptive servo-ventilation therapy on cardiac function and remodeling in patients with chronic heart failure (SAVIOR-C): study protocol for a randomized controlled trial. *Trials*. 2015; 16(1):14.
41. Momomura S, Seino Y, Kihara Y, Adachi H, Yasumura Y, Yokoyama H, Wada H, Ise T, Tanaka K; SAVIOR-C investigators. Adaptive servo-ventilation therapy for patients with chronic heart failure in a confirmatory, multicenter, randomized, controlled study. *Circ J*. 2015;79(5):981-90.
42. Yoshimuta T, Yokoyama H, Okajima T, Tanaka H, Toyoda K, Nagatsuka K, Higashi M, Hayashi K, Kawashiri MA, Yasuda S, Yamagishi M. Impact of Elevated D-Dimer on Diagnosis of Acute Aortic Dissection With Isolated Neurological Symptoms in Ischemic Stroke. *Circ J*. 2015 Jul 24; 79(8):1841-5.

43. Tadashi Kaneko, Shunji Kasaoka, Takashi Nakahara, Hirotaka Sawano, Yoshio Tahara, Mamoru Hase, Kenji Nishioka, Shinichi Shirai, Hiroshi Hazui, Hideki Arimoto, Kazunori Kashiwase, Tomokazu Motomura, Yasuhiro Kuroda, Yuji Yasuga, Naohiro Yonemoto, Hiroyuki Yokoyama, Ken Nagao, Hiroshi Nonogi. Effectiveness of Lower Target Temperature Therapeutic Hypothermia in Post-cardiac Arrest Syndrome Patients with a Resuscitation Interval of  $\leq 30$  minutes. *J Intensive Care*. 2015 Jun 18;3(1):28
44. Toru Hifumi, Yasuhiro Kuroda, Kenya Kawakita, Hirotaka Sawano, Yoshio Tahara, Mamoru Hase, Kenji Nishioka, Shinichi Shirai, Hiroshi Hazui, Hideki Arimoto, Kazunori Kashiwase, Shunji Kasaoka, Kasaoka, Tomokazu Kasaoka, Yuji Yasuga, Naohiro Yonemoto, Hiroyuki Yokoyama, Ken Nagao, Hiroshi Nonogi. The impact of on-admission Glasgow coma scale motor score on neurological outcome in out-of-hospital cardiac arrest patients receiving therapeutic hypothermia. *Circ J*. 2015 Sep 25; 79(10):2201-8.
45. Wada Y, Ohara T, Funada A, Hasegawa T, Sugano Y, Kanzaki H, Yokoyama H, Yasuda S, Ogawa H, Anzai T. Prognostic Impact of Functional Mitral Regurgitation in Patients Admitted With Acute Decompensated Heart Failure. *Circ J*. 2015 Dec 25; 80(1):139-47.
46. Akiko Kada, Naohiro Yonemoto, Hiroyuki Yokoyama, Hiroshi Nonogi on behalf of J-PULSE III Investigators. Association between Accessibility to Emergency Cardiovascular Centers and Cardiovascular Mortality in Japan. *Int J Qual Health Care*. 2016 Jun;28(3):281-7.
47. Shoji Kawakami, Yoshio Tahara, Teruo Noguchi, Nobuhito Yagi, Yu Kataoka, Yasuhide Asaumi, Michio Nakanishi, Yoichi Goto, Hiroyuki Yokoyama, Hiroshi Nonogi, Hisao Ogawa, Satoshi Yasuda. Comparison of Time to Reperfusion in ST-elevation Myocardial Infarction Patients with and without Prehospital 12-lead Electrocardiogram Transmission Using a Mobile Telemedicine System. *Circ J*. 2016; 80(7):1624-33
48. Tomoyuki Ohara, Masatoshi Koga, Naoki Tokuda, Eijiro Tanaka, Hiroyuki Yokoyama, Kenji Minatoya, Kazuyuki Nagatsuka, Kazunori Toyoda, Kazuo Minematsu. Rapid Identification of Type A Aortic Dissection as a Cause of Acute Ischemic Stroke. *J Stroke Cerebrovasc Dis*. 2016; 25(8):1901-6.
49. Masashi Fujino, Hiroyuki Takahama, Toshimitsu Hamasaki, Kenichi Sekiguchi, , Kengo Kusano, Toshihisa Anzai, Teruo Noguchi, Yoichi Goto, Masafumi Kitakaze, Hiroyuki Yokoyama, Hisao Ogawa, Satoshi Yasuda. Risk Stratification based on Nutritional Screening on Admission: Three-Year Clinical Outcomes in Hospitalized Patients with Acute Heart Failure Syndrome. *J Cardiol*. 2016; 68(5):392-398.
50. Yoichi Takaya, Fumiki Yoshihara, Hiroyuki Yokoyama, Hideaki Kanzaki, Masafumi Kitakaze, Yoichi Goto, Toshihisa Anzai, Satoshi Yasuda, Hisao Ogawa, Yuhei Kawano, Kenji Kangawa. Impact of decreased serum albumin levels on acute kidney injury in patients with acute decompensated heart failure - a potential association of atrial natriuretic peptide. *Heart Vessels*. 2017 Aug;32(8):932-943
51. Honda S, Nagai T, Nishimura K, Nakai M, Honda Y, Nakano H, Iwakami N, Sugano Y, Asaumi Y, Aiba T, Noguchi T, Kusano K, Yokoyama H, Ogawa H, Yasuda S, Anzai T; NaDEF investigators. Long-term prognostic significance of urinary sodium

- concentration in patients with acute heart failure. *Int J Cardiol.* 2018; 254: 189-194.
52. Naohiro Yonemoto, Akiko Kada, Hiroyuki Yokoyama and Hiroshi Nonogi. Public awareness of the need to call emergency medical services following the onset of acute myocardial infarction and associated factors in Japan. *J Int Med Res.* 2018; 46(5):1747-1755.
53. Hiroki Nakano, Toshiyuki Nagai, Varun Sundarama, Michikazu Nakai, Kunihiro Nishimura, Yasuyuki Honda, Satoshi Honda, Naotsugu Iwakami, Yasuo Sugano, Yasuhide Asaumi, Takeshi Aiba, Teruo Noguchi, Kengo Kusano, Hiroyuki Yokoyama, Hisao Ogawa, Satoshi Yasuda, Taishiro Chikamori, and Toshihisa Anzaia, on behalf of the NaDEF investigators. Impact of iron deficiency on long-term clinical outcomes of hospitalized patients with heart failure. *Int J Cardiol.* 2018 Jun 15;261:114-118
54. Akihiko Inoue, Toru Hifumi, Naohiro Yonemoto, Yasuhiro Kuroda, Kenya Kawakita, Hirotaka Sawano, Yoshio Tahara, Mamoru Hase, Kenji Nishioka, Shinichi Shirai, Hiroshi Hazui, Hideki Arimoto, Kazunori Kashiwase, Shunji Kasaoka, Tomokazu Motomura, Yuji Yasuga, Hiroyuki Yokoyama, Ken Nagao, Hiroshi Nonogi, and the J-PULSE-Hypo Investigators. The impact of heart rate response during a 48-hour rewarming phase of therapeutic hypothermia on neurological outcomes in out-of-hospital cardiac arrest patients. *Critical care medicine.* 2018 in press
55. Yasuhiro Hamatani, Michikazu Nakai, Kunihiro Nishimura, Yasuyuki Honda, Hiroki Nakano, Satoshi Honda, Naotsugu Iwakami, Yasuo Sugano, Yasuhide Asaumi, Takeshi Aiba, Teruo Noguchi, Kengo Kusano, Kazunori Toyoda, Satoshi Yasuda, Hiroyuki Yokoyama, Hisao Ogawa, and Toshihisa Anzai, on behalf of the NaDEF Investigators. Elevated Plasma D-dimer Level is Associated with Short-term Risk of Ischemic Stroke in Acute Heart Failure Patients. *Stroke*, in press.