

## 論文業績

1. Pneumatosis cystoides intestinalis after chemotherapy for hematological malignancies: report of 4 cases.  
Hashimoto S, Saitoh H, Wada K, Kobayashi T, Furushima H, Kawai H, Shinbo T, Funakoshi K, Takahashi H, Shibata A.  
*Intern Med.* 1995 Mar;34(3):212-5.
2. Nicorandil suppresses a hump on the monophasic action potential and torsade de pointes in a patient with idiopathic long QT syndrome.  
Chinushi M, Aizawa Y, Furushima H, Inuzuka H, Ojima K, Shibata A.  
*Jpn Heart J.* 1995 Jul;36(4):477-81.
3. Preferential action of mexiletine on central common pathway of reentrant ventricular tachycardia.  
Aizawa Y, Abe A, Ohira K, Furushima H, Chinushi M, Fujita S.  
*J Am Coll Cardiol.* 1996 Dec;28(7):1759-64.
4. Coronary artery perforation with subepicardial hematoma.  
Furushima H, Matsubara T, Tamura Y, Yamazoe M, Konno T, Ida T, Aizawa Y, Moro H, Watanabe H, Eguchi S.  
*Cathet Cardiovasc Diagn.* 1997 May;41(1):59-61.
5. Relation between bradycardia dependent long QT syndrome and QT prolongation by disopyramide in humans.  
Furushima H, Niwano S, Chinushi M, Ohhira K, Abe A, Aizawa Y.  
*Heart.* 1998 Jan;79(1):56-8.
6. Repetitive ventricular responses induced by radiofrequency ablation for idiopathic ventricular tachycardia originating from the outflow tract of the right ventricle.  
Chinushi M, Aizawa Y, Ohhira K, Fujita S, Shiba M, Niwano S, Furushima H.  
*Pacing Clin Electrophysiol.* 1998 Apr;21(4 Pt 1):669-78.
7. The usefulness of Holter monitoring in selecting pharmacologic therapy for patients with sustained monomorphic ventricular tachycardia: studies in patients in whom

no effective pharmacologic therapy could be determined by electrophysiologic study.

Niwano S, Furushima H, Taneda K, Abe A, Ohira K, Aizawa Y.

*Jpn Circ J.* 1998 May;62(5):347-52.

8. Use-dependent electrophysiologic effects of DL-sotalol and modulation by isoproterenol in the human ventricle.

Naitoh N, Furushima H, Ohira K, Taneda K, Aizawa Y.

*Jpn Heart J.* 1998 Mar;39(2):153-61.

9. Intracoronary acetylcholine-induced prolongation of monophasic action potential in long QT syndrome.

Furushima H, Niwano S, Chinushi M, Shiba M, Fujita S, Abe A, Ohhira K,

Taneda K, Aizawa Y.

*Jpn Heart J.* 1998 Mar;39(2):225-33.

10. Electrophysiologic effects of intravenous MS-551, a novel class III antiarrhythmic agent, on human atrium and ventricle.

Naitoh N, Taneda K, Tagawa M, Furushima H, Yamaura M, Aizawa Y.

*Jpn Heart J.* 1998 May;39(3):297-305.

11. The use of the block cycle length as a safe and efficient means of interrupting sustained ventricular tachycardia and its pharmacological modification.

Ohira K, Niwano S, Furushima H, Taneda K, Chinushi M, Aizawa Y.

*Pacing Clin Electrophysiol.* 1998 Sep;21(9):1686-92.

12. Comparison of arrhythmogenicity of atrial pacing at several right atrial pacing sites: evaluation of canine atrial electrograms during atrial pacing and arrhythmogenicity for atrial fibrillation.

Niwano S, Yamaura M, Washizuka T, Tanabe Y, Furushima H, Taneda K,

Aizawa Y.

*Pacing Clin Electrophysiol.* 1998 Oct;21(10):1918-26.

13. Comparison of electrophysiologic effects of intravenous E-4031 and MS-551, novel class III antiarrhythmic agents, in patients with ventricular tachyarrhythmias.

Naitoh N, Tagawa M, Yamaura M, Taneda K, Furushima H, Aizawa Y.

*Jpn Heart J.* 1998 Jul;39(4):457-67.

14. Effect of atropine on QT prolongation and torsade de pointes induced by intracoronary acetylcholine in the long QT syndrome.  
**Furushima H**, Niwano S, Chinushi M, Yamaura M, Taneda K, Washizuka T, Aizawa Y.  
*Am J Cardiol.* 1999 Mar 1;83(5):714-8.
15. Autonomic nerve activity and long QT interval syndrome: a role of acetylcholine and alpha-adrenoceptor.  
Aizawa Y, **Furushima H**, Chinushi M, Washizuka T.  
*J Electrocardiol.* 1999;32 Suppl:173-6.
16. Both low and high energy cardioversion induced accelerated ventricular tachycardia in a patient treated with an implantable cardioverter defibrillator.  
Washizuka T, Chinushi M, Hatada K, Kasai H, Ohhira K, **Furushima H**, Aizawa Y.  
*Jpn Heart J.* 1999 Sep;40(5):665-9.
17. Role of alpha1-blockade in congenital long QT syndrome: investigation by exercise stress test.  
**Furushima H**, Chinushi M, Washizuka T, Aizawa Y.  
*Jpn Circ J.* 2001 Jul;65(7):654-8.
18. Correlation between the effective refractory period and activation-recovery interval calculated from the intracardiac unipolar electrogram of humans with and without dl-sotalol treatment.  
Chinushi M, Tagawa M, Kasai H, Washizuka T, Abe A, **Furushima H**, Aizawa Y.  
*Jpn Circ J.* 2001 Aug;65(8):702-6.
19. Discrepancy between inducibility of ventricular tachycardia and activity of cardiac sarcoidosis. Requirement of defibrillator implantation for the inactive stage of cardiac sarcoidosis.  
Mezaki T, Chinushi M, Washizuka T, **Furushima H**, Chinushi Y, Ebe K, Okumura H, Aizawa Y.  
*Intern Med.* 2001 Aug;40(8):731-5
20. Inappropriate discharges by fourth generation implantable cardioverter defibrillators in patients with ventricular arrhythmias.  
Washizuka T, Chinushi M, Tagawa M, Kasai H, Watanabe H, Hosaka Y, Yamashita F, **Furushima H**, Abe A, Watanabe H, Hayashi J, Aizawa Y.

*Jpn Circ J.* 2001 Nov;65(11):927-30.

21. Arrhythmogenesis of T wave alternans associated with surface QRS complex alternans and the role of ventricular prematurity: observations from a canine model of LQT3 syndrome.

Chinushi M, Hosaka Y, Washizuka T, **Furushima H**, Aizawa Y.

*J Cardiovasc Electrophysiol.* 2002 Jun;13(6):599-604.

22. Activation-recovery interval as a parameter to assess the intracardiac ventricular repolarization in patients with congenital long QT syndrome.

Chinushi M, Washizuka T, Hosaka Y, **Furushima H**, Tanabe Y, Chinushi Y, Aizawa Y.

*Am J Cardiol.* 2002 Aug 15;90(4):432-5.

23. Suppression of electrical storm by biventricular pacing in a patient with idiopathic dilated cardiomyopathy and ventricular tachycardia.

Tanabe Y, Chinushi M, Washizuka T, Minagawa S, **Furushima H**, Watanabe H, Hosaka Y, Komura S, Aizawa Y.

*Pacing Clin Electrophysiol.* 2003 Jan;26(1 Pt 1):101-2.

24. Microdislodgment of ventricular pacing lead undetectable during rapid pacing one year after implantation.

Chinushi Y, Chinushi M, **Furushima H**, Tanabe Y, Washizuka T, Aizawa Y.

*Pacing Clin Electrophysiol.* 2003 Mar;26(3):787-8.

25. Ventricular tachyarrhythmia associated with cardiac sarcoidosis: its mechanisms and outcome.

**Furushima H**, Chinushi M, Sugiura H, Kasai H, Washizuka T, Aizawa Y.

*Clin Cardiol.* 2004 Apr;27(4):217-22.

26. Radiofrequency catheter ablation for incessant atrioventricular nodal reentrant tachycardia normalized H-V block associated with tachycardia-induced cardiomyopathy.

**Furushima H**, Chinushi M, Sugiura H, Aizawa Y.

*J Electrocardiol.* 2004 Oct;37(4):315-9.

27. Postprandial variations in ST-segment in a patient with Brugada syndrome and partial gastrectomy.

- Watanabe H, Chinushi M, Hao K, Sugiura H, Hirono T, Komura S, Hosaka Y, Tanabe Y, Furushima H, Fujita S, Washizuka T, Aizawa Y.  
*Pacing Clin Electrophysiol.* 2004 Nov;27(11):1560-2.
28. Potential candidates for cardiac resynchronization therapy in Japanese patients with idiopathic dilated cardiomyopathy--a Niigata multicenter study of DCM--.  
Komura S, Chinushi M, Kudo M, Saikawa T, Tanabe Y, Furushima H, Washizuka T, Kodama M, Oda H, Miyajima S, Masani F, Igarashi Y, Murata M, Aizawa Y.  
*Circ J.* 2004 Dec;68(12):1104-9.
29. Unsuccessful internal defibrillation in Brugada syndrome: focus on refractoriness and ventricular fibrillation cycle length.  
Watanabe H, Chinushi M, Sugiura H, Washizuka T, Komura S, Hosaka Y, Furushima H, Watanabe H, Hayashi J, Aizawa Y.  
*J Cardiovasc Electrophysiol.* 2005 Mar;16(3):262-6.
30. Electrophysiologic study-guided therapy with sotalol for life-threatening ventricular tachyarrhythmias.  
Watanabe H, Chinushi M, Washizuka T, Sugiura H, Hirono T, Komura S, Hosaka Y, Tanabe Y, Furushima H, Fujita S, Kato K, Aizawa Y.  
*Pacing Clin Electrophysiol.* 2005 Apr;28(4):285-90.
31. Variable electrocardiographic effects of short-term quinidine sulfate administration in Brugada syndrome.  
Watanabe H, Chinushi M, Washizuka T, Sugiura H, Hirono T, Komura S, Hosaka Y, Yamaura M, Tanabe Y, Furushima H, Fujita S, Aizawa Y.  
*Pacing Clin Electrophysiol.* 2005 May;28(5):372-7.
32. Effects of intravenous magnesium in a prolonged QT interval model of polymorphic ventricular tachycardia focus on transmural ventricular repolarization.  
Chinushi M, Sugiura H, Komura S, Hirono T, Izumi D, Tagawa M, Furushima H, Aizawa Y.  
*Pacing Clin Electrophysiol.* 2005 Aug;28(8):844-50.
33. Similarities between Brugada syndrome and ischemia-induced ST-segment elevation. Clinical correlation and synergy.  
Chinushi M, Furushima H, Tanabe Y, Washizuka T, Aizawaz Y.

*J Electrocardiol.* 2005 Oct;38(4 Suppl):18-21.

34. Inappropriate discharges of intravenous implantable cardioverter defibrillators owing to lead failure.

Washizuka T, Chinushi M, Kazama R, Hirono T, Watanabe H, Komura S, Sugiura H, Tanabe Y, **Furushima H**, Fujita S, Okura Y, Aizawa Y.  
*Int Heart J.* 2005 Sep;46(5):909-13.
35. Nifekalant hydrochloride suppresses severe electrical storm in patients with malignant ventricular tachyarrhythmias.

Washizuka T, Chinushi M, Watanabe H, Hosaka Y, Komura S, Sugiura H, Hirono T, **Furushima H**, Tanabe Y, Aizawa Y.  
*Circ J.* 2005 Dec;69(12):1508-13.
36. Elimination of late potentials by quinidine in a patient with Brugada syndrome.

Watanabe H, Chinushi M, Osaki A, Okamura K, Izumi D, Komura S, Hosaka Y, Tanabe Y, **Furushima H**, Washizuka T, Aizawa Y.  
*J Electrocardiol.* 2006 Jan;39(1):63-6.
37. Relationship between dominant prolongation of the filtered QRS duration in the right precordial leads and clinical characteristics in Brugada syndrome.

**Furushima H**, Chinushi M, Hirono T, Sugiura H, Watanabe H, Komura S, Washizuka T, Aizawa Y.  
*J Cardiovasc Electrophysiol.* 2005 Dec;16(12):1311-7.
38. Japanese randomized trial for investigation of a combined therapy of amiodarone and implantable cardioverter defibrillator in patients with ventricular tachycardia and fibrillation: the Nippon ICD Plus Pharmacologic Option Necessity study design.

Kurita T, Mitamura H, Aizawa Y, Nitta T, Aonuma K, Tsuboi N, Chinushi M, Kobayashi Y, Soejima K, Satomi K, **Furushima H**, Ohe T, Ogawa S, Kodama I, Ohtsu H, Yamazaki T; (Nippon ICD Plus Pharmacologic Option Necessity (NIPPON) Investigators).  
*Circ J.* 2006 Mar;70(3):316-20.
39. Ventricular tachycardia late after repair of congenital heart disease: efficacy of combination therapy with radiofrequency catheter ablation and class III antiarrhythmic agents and long-term outcome.

**Furushima H**, Chinushi M, Sugiura H, Komura S, Tanabe Y, Watanabe H, Washizuka T, Aizawa Y.

**J Electrocardiol.** 2006 Apr;39(2):219-24.

40. Comparison of efficacy of sotalol and nifekalant for ventricular tachyarrhythmias.  
Watanabe H, Chinushi M, Washizuka T, Sugiura H, Hirono T, Aizawa Y, Komura S, Hosaka Y, Tanabe Y, **Furushima H**, Aizawa Y.  
**Circ J.** 2006 May;70(5):583-7.
41. Decrease in amplitude of intracardiac ventricular electrogram and inappropriate therapy in patients with an implantable cardioverter defibrillator.  
Watanabe H, Chinushi M, Izumi D, Sato A, Okada S, Okamura K, Komura S, Hosaka Y, **Furushima H**, Washizuka T, Aizawa Y.  
**Int Heart J.** 2006 May;47(3):363-70.
42. Role of autonomic nervous activity in the antiarrhythmic effects of magnesium sulfate in a canine model of polymorphic ventricular tachyarrhythmia associated with prolonged QT interval.  
Chinushi M, Izumi D, Komura S, Ahara S, Satoh A, **Furushima H**, Washizuka T, Aizawa Y.  
**J Cardiovasc Pharmacol.** 2006 Sep;48(3):121-7.
43. Multiple premature beats triggered ventricular arrhythmias during pilsicainide infusion in a patient with inferior ST-segment elevation.  
Chinushi M, Izumi D, **Furushima H**, Watanabe H, Aizawa Y.  
**Pacing Clin Electrophysiol.** 2006 Dec;29(12):1445-8.
44. Bepridil for drug-refractory ventricular tachyarrhythmias.  
Izumi D, Chinushi M, Watanabe H, Washizuka T, Okamura K, Komura S, Tanabe Y, **Furushima H**, Aizawa Y.  
**Intern Med.** 2007;46(3):119-24.
45. Incidence and initial characteristics of pilsicainide-induced ventricular arrhythmias in patients with Brugada syndrome.  
Chinushi M, Komura S, Izumi D, **Furushima H**, Tanabe Y, Washizuka T, Aizawa Y.  
**Pacing Clin Electrophysiol.** 2007 May;30(5):662-71.

46. Comparison of conduction delay in the right ventricular outflow tract between Brugada syndrome and right ventricular cardiomyopathy: investigation of signal average ECG in the precordial leads.
- Furushima H**, Chinushi M, Okamura K, Iijima K, Komura S, Tanabe Y, Okada S, Izumi D, Aizawa Y.
- Europace*. 2007 Oct;9(10):951-6.
47. Effect of dl-sotalol on mortality and recurrence of ventricular tachyarrhythmias: ischemic compared to nonischemic cardiomyopathy.
- Furushima H**, Chinushi M, Okamura K, Komura S, Tanabe Y, Sato A, Izumi D, Aizawa Y.
- Pacing Clin Electrophysiol*. 2007 Sep;30(9):1136-41.
48. Antiarrhythmic vs. pro-arrhythmic effects depending on the intensity of adrenergic stimulation in a canine anthopleurin-A model of type-3 long QT syndrome.
- Chinushi M, Izumi D, Iijima K, Ahara S, Komura S, **Furushima H**, Hosaka Y, Aizawa Y.
- Europace*. 2008 Feb;10(2):249-55.
49. Clinical characteristics, treatment, and outcome of tachycardia induced cardiomyopathy.
- Watanabe H, Okamura K, Chinushi M, **Furushima H**, Tanabe Y, Kodama M, Aizawa Y.
- Int Heart J*. 2008 Jan;49(1):39-47.
50. Automatic R-wave and impedance testing with the modern patient alert system to reduce inappropriate implantable cardioverter defibrillator shocks due to lead fracture.
- Chinushi M, Hosaka Y, Ikarashi N, Iijima K, **Furushima H**, Aizawa Y.
- Europace*. 2008 Jun;10(6):738-40.
51. A post-QRS potential in Brugada syndrome: its relation to electrocardiographic pattern and possible genesis.
- Aizawa Y, Chinushi M, Tagawa M, **Furushima H**, Okada S, Iijima K, Izumi D, Watanabe H, Komura S.
- J Am Coll Cardiol*. 2008 Apr 29;51(17):1720-1.
52. The Japan Thrombosis Registry for Atrial Fibrillation, Coronary or Cerebrovascular Events (J-TRACE): a nation-wide, prospective large cohort study; the study design.

- Origasa H, Goto S, Uchiyama S, Shimada K, Ikeda Y; J-TRACE Investigators.  
*Circ J.* 2008 Jun;72(6):991-7.
53. Ventricular repolarization gradients in a patient with takotsubo cardiomyopathy.  
**Furushima H**, Chinushi M, Sanada A, Aizawa Y.  
*Europace.* 2008 Sep;10(9):1112-5.
54. Preservation of renal function in response to cardiac resynchronization therapy.  
Kimura S, Ito M, Chinushi M, Tanaka K, Tanabe Y, Hosaka Y, Komura S, Okada S, Iijima K, **Furushima H**, Fuse K, Sato M, Aizawa Y.  
*Circ J.* 2008 Nov;72(11):1794-9
55. Focal atrial tachycardia refractory to radiofrequency catheter ablation originating from right atrial appendage.  
**Furushima H**, Chinushi M, Hosaka Y, Aizawa Y.  
*Europace.* 2009 Apr;11(4):521-2.
56. Ventricular fibrillation triggered during and after radiofrequency energy delivery to the site of origin of idiopathic right ventricular outflow tract arrhythmia.  
Iijima K, Chinushi M, **Furushima H**, Hosaka Y, Izumi D, Aizawa Y.  
*Pacing Clin Electrophysiol.* 2009 Mar;32(3):406-9.
57. Effects of verapamil on anterior ST segment and ventricular fibrillation cycle length in patients with Brugada syndrome.  
Chinushi M, Iijima K, Tagawa M, Komura S, **Furushima H**, Aizawa Y.  
*J Electrocardiol.* 2009 Apr 6.
58. Segmental conduction block in a low-voltage area suppressed macro-reentrant ventricular tachycardia after surgical repair of tetralogy of Fallot.  
Chinushi M, Komura S, **Furushima H**, Aizawa Y.  
*Intern Med.* 2009;48:1021-3.
59. Significance of Early Onset and Progressive Increase of Activation Delay During Premature Stimulation in Brugada Syndrome.  
**Furushima H**, Chinushi M, Iijima K, Izumi D, Hosaka Y, Aizawa Y.  
*Circ J.* 2009 Jun 17.
60. Pilsicainide-induced ST segment elevation and ST segment depression in two patients with variant forms of Brugada-type electrocardiographic abnormalities.

Chinushi M, Tagawa M, Izumi D, **Furushima H**, Aizawa Y.

*Pacing Clin Electrophysiol*. 2009 Jun;32(6):811-5.

61. Correlation between surface and intracardiac electrocardiogram in a patient with inappropriate defibrillation shocks due to hyperkalemia.

Hosaka Y, Chinushi M, Iijima K, Sanada A, **Furushima H**, Aizawa Y.

*Intern Med*. 2009; 48(13):1153-6.

62. Delayed Pericardial Effusion Due to Perforation of the Right Ventricular Outflow Tract by an ICD Lead.

Chinushi M, Hosaka Y, Okada S, Iijima K, **Furushima H**, Aizawa Y.

*Intern Med*. 2010; 49: 389-92.

63. Efficacy of Procainamide and Lidocaine in Terminating Sustained Monomorphic Ventricular Tachycardia: a Retrospective Case Series.

Komura S, Chinushi M, **Furushima H**, Hosaka Y, Izumi D, Iijima K, Watanabe H, Yagihara N, Aizawa Y.

*Circ J*. 2010; 74: 864-869.

64. Effect of bepridil in atrial fibrillation inducibility facilitated by vagal nerve stimulation. Prevention of vagal nerve activation induced shortening of the atrial action potential duration.

Iijima K, Chinushi M, Izumi D, Ahara S, **Furushima H**, Komura S, Hosaka Y, Sanada A, Sato A, Aizawa Y.

*Circ J*. 2010; 74: 895-902.

65. Risk factor profiles of stroke, myocardial infarction, and atrial fibrillation: a Japanese Multicenter Cooperative Registry.

Uchiyama S, Shibata Y, Hirabayashi T, Mihara B, Hamashige N, Kitagawa K, Goto S, Origasa H, Shimada K, Kobayashi H, Isozaki M, Ikeda Y; J-TRACE Investigators (**Furushima H**).

*J Stroke Cerebrovasc Dis*. 2010;19:190-7.

66. Fetal atrioventricular block and postpartum augmentative QT prolongation in a patient with long QT syndrome with KCNQ1 mutation.

**Furushima H**, Chinushi M, Sato A, Aizawa Y, Kikuchi A, Takakuwa K, Tanaka K. *J Cardiovasc Electrophysiol*. 2010; 21: 1170-1173.

67. Ventricular Tachyarrhythmia Associated with Hypertrophic Cardiomyopathy: Incidence, Prognosis, and Relation to Type of Hypertrophy.

**Furushima H**, Chinushi M, Iijima K, Sanada A, Izumi D, Hosaka Y, Aizawa Y.

*J Cardiovasc Electrophysiol.* 2010; 21: 991-999.

68. Ventricular Fibrillation and Ventricular Tachycardia Triggered by Late-Coupled Ventricular Extrasystoles in a Brugada Syndrome Patient.  
Chinushi M, **Furushima H**, Hosaka Y, Izumi D, Aizawa Y  
*Pacing Clin Electrophysiol.* 2010;
69. Effects of Bepridil versus E-4031 on Transmural Ventricular Repolarization and Inducibility of Ventricular Tachyarrhythmias in the Dog.  
Izumi D, Chinushi M, Iijima K, Ahara S, Komura S, **Furushima H**, Hosaka Y, Sanada A, Yagihara N, Aizawa Y  
*Pacing Clin Electrophysiol.* 2010;33:950-9.
70. Catheter Ablation of Ventricular Tachycardias Due to Forward and Reverse Propagation Across a Reentrant Circuit Inside a Nonischemic Biventricular Aneurysm.  
Chinushi M, Izumi D, **Furushima H**, Aizawa Y.  
*J Cardiovasc Electrophysiol.* 2010 Aug 31.
71. Ischemia-induced prominent J waves in a patient with Brugada syndrome  
Yagihara N, Sato A, **Furushima H**, Chinushi M, Hirono T, Aizawa Y.  
*Intern Med.* 2010;49(18):1979-82.
72. Preexcitation unmasks J waves: 2 cases.  
Nagao S, Hayashi Y, Yagihara N, Sato A, Watanabe H, **Furushima H**, Chinushi M, Aizawa Y.  
*J Electrocardiol* 2010;
73. Randomized trial of angiotensin II-receptor blocker vs. Dihydropiridine calcium channel blocker in the treatment of paroxysmal atrial fibrillation with hypertension (J-RHYTHM II Study).  
Yamashita T, Inoue H, Okunura K, et al and J-RHYTHM II Investigators  
(**Furushima H**).  
*Europace* 2010
74. Suppression of storms of ventricular tachycardia by epicardial ablation of isolated delayed potential in noncompaction cardiomyopathy.  
Chinushi M, Iijima K, **Furushima H**, Izumi D, Sato A, Yagihara N, Hasegawa K, Watanabe H, Soejima K, Aizawa Y.  
*Pacing Clin Electrophysiol* 2011
75. Characteristics of J wave-associated idiopathic ventricular fibrillation: role of drugs.  
Chinushi M, Hasegawa K, Iijima K, **Furushima H**, Izumi D, Aizawa Y.

***Pacing Clin Electrophysiol* 2011**

76. Present status of anticoagulation treatment in Japanese patients with atrial fibrillation: a report from the J-RHYTHM Registry.  
Atarashi H, Inoue H, Okumura K, Yamashita T, Kumagai N, Origasa H; J-RHYTHM Registry Investigators (**Furushima H**).  
*Circ J* 2011; 75: 1328-1333.
77. Inappropriate pacing inhibition triggered by QT prolongation due to T wave oversensing in an ICD recipient presenting with long QT syndrome.  
Iijima K, Chinushi M, Hasegawa K, Izumi D, Hosaka Y, **Furushima H**, Aizawa Y.  
*Intern Med* 2011; 50: 1021-1024.
78. Epicardial Scar in a Patient with no Apparent Heart Disease.  
Chinushi M, Izumi D, **Furushima H**, Sato A, Iijima K, Hasegawa K, Aizawa Y.  
***Pacing Clin Electrophysiol* 2011**
79. The prevalence of early repolarization in Wolff-Parkinson-White syndrome with a special reference to J waves and the effects of catheter ablation.  
Yagihara N, Sato A, Iijima K, Izumi D, **Furushima H**, Watanabe H, Irie T, Kaneko Y, Kurabayashi M, Chinushi M, Satou M, Aizawa Y.  
***J Electrocardiol* 2011**
80. Determinants of warfarin use and international normalized ratio levels in atrial fibrillation patients in Japan: Subanalysis of the J-RHYTHM Registry-J-RHYTHM Registry Investigators.  
*Circ J* 2011; 75: 2357-2362.
81. Endocardial Arrhythmogenic Mechanisms of Torsades de Pointes in Patients with the Congenital Long QT Syndrome.  
Chinushi M, **Furushima H**, Hosaka Y, Komura S, Sato A, Iijima K, Aizawa Y.  
*Intern Med*. 2011;50:1695-702.
82. Intramural inflammation as a cause of transient ST-segment elevation in a patient of cardiac sarcoidosis.  
Iijima K, Chinushi M, **Furushima H**, Aizawa Y.  
*Europace* 2012; 14: 300-302
83. Relationship between electroanatomical voltage mapping characteristics and breakout site of ventricular activation in idiopathic ventricular tachyarrhythmia originating from the right ventricular outflow tract septum  
**Furushima H**, Chinushi M, Iijima K, Izumi D, Hosaka Y, Aizawa Y.  
***J Interv Card Electrophysiol* 2012; 33: 135-141.**
84. Analysis of J waves during myocardial ischemia.

Sato A, Tanabe Y, Chinushi M, Hayashi Y, Yoshida T, Ito E, Izumi D, Yagihara N, Watanabe H, **Furushima H**, Aizawa Y.

*Europace* 2012; 14: 715-723.

85. Is coexistence of sustained ST-segment elevation and abnormal Q waves a risk factor for electrical storm in ICD patients with structural heart diseases?

**Furushima H**, Chinushi M, Iijima K, Hasegawa K, Sato A, Izumi D, Watanabe H, Aizawa Y.

*Europace* 2012; 14: 675-681

86. An appropriate defibrillation threshold obtained by the combined connection between two shock leads and ICD generator

Sato A, Chinushi M, Iijima K, Watanabe H, Izumi D, **Furushima H**, Sonoda K, Hasegawa K, Yagihara N, Aizawa Y.

*Intern Med* 2011; 50: 2815-2818.

87. Significance and usefulness of heart rate variability in patients with multiple system atrophy

**Furushima H**, Shimohata T, Nakayama H, Ozawa T, Chinushi M, Aizawa Y, Nishizawa M.

*Movement Disorders* 2012; 27: 570-574.

88. The peak-to-end of the T wave in the limb ECG leads reflects total spatial rather than transmural dispersion of ventricular repolarization in an anthopleurin-A model of prolonged QT interval.

Izumi D, Chinushi M, **Furushima H**, et al.

*Heart Rhythm* 2012 ; 9 : 796-803.

89. Epicardial and endocardial mapping determine most successful site of ablation for ventricular tachyarrhythmias originating from left ventricular summit.

Iijima K, Chinushi M, **Furushima H**, Aizawa Y.

*Europace* 2012; 14: 911-912.

90. Efficacy and safety of celevarone with amiodarone as calibrator in patients with an implantable cardioverter-defibrillator for prevention of implantable cardioverter-defibrilltor interventions or death the ALPHEE study

ALPHEE Study Investigators (**Furushima H**)

*Circulation* 2011 124: 2649-2660.

91. Early repolarization and its modification by preexcitation in two patients with intermittent Wolff-Parkinson-White syndrome.

Hasegawa K, Sato A, Watanabe H, **Furushima H**, Chinushi M, Aizawa Y.

*Pacing Clin Electrophysiol* 2012; 20

92. Nifekalant enlarged the transmural activation-recovery interval difference as well as the peak-to-end interval on surface ECG in a patient with short QT syndrome.  
Chinushi M, Sato A, Izumi D, **Furushima H.**  
*J Cardiovascular Electrophysiol* 2012; 11
93. Dynamicity of the j-wave in idiopathic ventricular fibrillation with a special reference to pause-dependent augmentation of the j-wave.  
Aizawa Y, Sato A, Watanabe H, Chinushi M, **Furushima H.**, Horie M, Kaneko Y, Imaizumi T, Okubo K, Watanabe I, Shinozaki T, Aizawa Y, Fukuda K, Joo K, Haissaguerre M.  
*J Am Coll Cardiol* 2012; 59: 1948-1953.
94. Long QT syndrome with nocturnal cardiac events caused by a KCNH2 missense mutation (G604S).  
Sato A, Chinushi M, Suzuki H, Numano F, Hanyu T, Iijima K, Watanabe H, **Furushima H.**  
*Intern Med* 2012; 51: 1857-1860.
95. Insulation defects in Riata implantable cardioverter-defibrillator leads.  
Sato A, Chinushi M, Iijima K, Izumi D, **Furushima H.**  
*Intern Med* 2012; 51: 2689-2694.
96. Benign premature ventricular complexes from the right ventricular outflow tract triggered polymorphic ventricular tachycardia in a latent type2 LQTS patient.  
Sato A, Chinushi M, Sonoda K Abe A, Izumi D, **Furushima H.**  
*Intern Med* 2012; 51: 3261-3265.
97. Blood pressure and autonomic responses to electrical stimulation of the renal arterial nerves before and after ablation of the renal artery.  
Chinushi M, Izumi D, Iijima K, Suzuki K, **Furushima H.**, Saitoh O, Furuta Y, Aizawa Y, Iwafuchi M.  
*Hypertension* 2013; 61: 450-456.
98. Short-coupling premature ventricular complexes from the left ventricle triggered isoproterenol-resistant electrical storm in a patient with Brugada syndrome.  
Chinushi M, Iijima K, Sato A, **Furushima H.**  
*Heart Rhythm* 2013; 10: 916-920.
99. Urgent management of rapid heart rate in patients with atrial fibrillation/flutter and left ventricular dysfunction: comparison of the ultra-short-acting 1beta1-selective blocker landiolol with digoxin (J-Land Study).  
Nagai R, Kingawa K, Inoue H, Atarashi H, Seino Y, Yamashita T, Shimizu W, Aiba T, Kitakaze M, Sakamoto A, Ikeda T, Imai Y, Daimon T, Fujino K, Nagano T,

- Okamura T, Hori M; J-Land Investigators (**Furushima H**).  
*Circ J* 2013; 77: 908-916.
100. Malfunction of cardiac resynchronization therapy due to subsequent fracture of the ring and tip conductors of a co-radial left ventricular bipolar lead.  
Sato A, Chinushi M, Izumi D, **Furushima H**, Minamino T.  
*Intern Med* 2013; 52: 1189-1193.
101. Augmentation of the J wave by rapid pacing in a patient with vasospastic angina.  
Sato A, Watanabe H, Sonoda K, Chinushi M, Tsuda T, Izumi D, **Furushima H**, Minamino T.  
*Int J Cardiol* 2014; 172: 111-113.
102. Impacts of patient characteristics on the effectiveness of landiolol in AF/AFL patients complicated with LV dysfunction: Subgroup analysis of the J-Land Study.  
Kinugawa K, Nagai R, Inoue H, Atarashi H, Seino Y, Yamashita T, Shimizu W, Aiba T, Kitakaze M, Sakamoto A, Ikeda T, Imai Y, Daimon T, Fujino K, Nagano T, Okamura T, Hori M; J-Land Investigators (**Furushima H**).  
*Adv Ther* 2014; 31: 426-439.
103. Appropriate duration of driving restrictions after inappropriate therapy from implantable cardiac shock devices-interim analysis of the Nippon Storm Study.  
Noda T, Kurita T, Nitta T, Abe H, Watanabe S, **Furushima H**, Matsumoto N, Toyoshima T, Shimizu A, Mitamura H, Ohe T, Aizawa Y.  
*Circ J* 2014; 78: 1989-1991.
104. Frequency characteristics and associations with the defibrillation threshold of ventricular fibrillation in patients with implantable cardioverter defibrillators.  
Iijima K, Chinushi M, Saitoh O, Hasegawa K, Sonoda K, Yagihara N, Sato A, Izumi D, Watanabe H, **Furushima H**, Aizawa Y, Minamino T.  
*Intern Med* 2015; 54: 1175-1182.
105. Electrical stimulation based evaluation for functional modification of renal autonomic nerve activities induced by catheter ablation.  
Chinushi M, Suzuki K, Saitoh O, **Furushima H**, Iijima K, Izumi D, Sato A, Sugai M, Iwafuchi M.  
*Heart Rhythm* 2016; 16: 30262-4
106. Sustained ventricular tachycardia developed following successful ablation of target idiopathic left ventricular premature complexes.  
Tagawa M, Ochiai Y, Nakamura Y, **Furushima H**, Chinushi M  
*Int J Cardiol* 2016; 172: 686-8
107. Trends and determinant factors in the use of cardiac resynchronization therapy

- devices in Japan: Analysis of the Japan cardiac device treatment registry database.  
Yokoshiki H, Shimizu A, Mitsuhashi T, **Furushima H**, Sekiguchi Y, Manaka T, Nishii N, Ueyama T, Morita N, Nitta T, Okumura K; Members of the Implantable Cardioverter-Defibrillator (ICD) Committee of the Japanese Heart Rhythm Society  
*J Arrhythm* 2016; 32 :486-490.
108. Electrode Contact Force-Controlled Bipolar Radiofrequency Ablation: Different Effects on Lesion Size between Dual- and Single-Bath Preparations.  
Chinushi M, Saitoh O, Watanabe J, Sugai A, Suzuki K, Hosaka Y, **Furushima H**  
*Pacing Clin Electrophysiol* 2017; 40 :223-231
109. The effects of pure potassium channel blocker nifekalant and sodium channel blocker mexiletine on malignant ventricular tachyarrhythmias.  
Otuki S, Hasegawa K, Watanabe H, Katsuumi G, Yagihara N, Iijima K, Sato A, Izumi D, **Furushima H**, Chinushi M, Aizawa Y, Minamino T.  
*J Electrocardiol* 2017; 50 :277-281
110. Survival and Heart Failure Hospitalization in Patients With Cardiac Resynchronization Therapy With or Without a Defibrillator for Primary Prevention in Japan - Analysis of the Japan Cardiac Device Treatment Registry Database.  
Yokoshiki H, Shimizu A, Mitsuhashi T, **Furushima H**, Sekiguchi Y, Manaka T, Nishii N, Ueyama T, Morita N, Okamura H, Nitta T, Hirao K, Okumura K; Members of the Implantable Cardioverter-Defibrillator (ICD) Committee of the Japanese Heart Rhythm Society.  
*Circ J*. 2017; 81: 1798-1806
111. Significant impact of electrical storm on mortality in patients with structural heart disease and an implantable cardiac defibrillator.  
Noda T, Kurita T, Nitta T, Chiba Y, **Furushima H**, Matsumoto N, Toyoshima T, Shimizu A, Mitamura H, Okumura K, Ohe T, Aizawa Y.  
*Int J Cardiol*. 2018; 255: 85-91
112. Therapy-Resistant Ventricular Arrhythmias Developed More Often in Advanced Than in Therapeutic Mild Hypothermic Condition.  
*Int Heart J*. 2019; 10.1536/ihj.18-711  
Saitoh O, Watanabe J, Oikawa A, Sugai A, **Furushima H**, Chinushi M.
113. Enhanced arrhythmogenic potential induced by renal autonomic nerve stimulation: Role of renal artery catheter ablation.  
*Heart Rhythm*. 2020; 17: 133-141  
Chinushi M, Saitoh O, Sugai A, Oikawa A, Watanabe J, **Furushima H**.
114. Patient-by-patient basis anti-tachycardia pacing for fast ventricular tachycardia

with structural heart diseases

Chinushi M, **Furushima H**, Saitoh O, Noda T, Nitta T, Aizawa Y, Ohe T, Kurita T  
*Pacing Clin Electrophysiol* 2020

115. Impact of Blood Pressure Visit-to-Visit Variability on Adverse Events in Patients With Nonvalvular Atrial Fibrillation: Subanalysis of the J-RHYTHM Registry  
*J Am Heart Assoc* 2021

Kodani E, Inoue H, Aatarashi H, Okumura K, Yamashita T, Otsuka T, Origasa H, and J-RHYTHM Registry Investigators (**Furushima H**)

116. Anti-tachycardia pacing for non-fast and fast ventricular tachycardias in individual Japanese patients: From Nippon-storm study  
*J Arrhythmia* 2021

Chinushi M, Saitoh O, **Furushima H**, Aizawa Y, Noda T, Nitta T, Ohe T, Kurita T