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Original Contributions

1. Ukimura A, Ooi Y, Kanzaki Y, Inomata T, Izumi T: A National Survey on Myocarditis Associated with Influenza H1N1pdm2009 in the Pandemic and Postpandemic Season in Japan. *J Infect Chemother* 2012 Oct 23 [Epub ahead of print].
2. Hori M, Matsumoto M, Tanahashi N, Momomura S, Uchiyama S, Goto S, Izumi T, Koretsune Y, Kajikawa M, Kato M, Ueda H, Iwamoto K, Tajiri M on Behalf of the J-ROCKET AF Study Investigators: Rivaroxaban vs. Warfarin in Japanese Patients With Atrial Fibrillation. -The J-ROCKET AF Study-. *Circulation J* 2012; 76 (9): 2104-11.
3. Nishinari M, Aoyama N, Ogawa Z, Yukino S, Oka S, Yano K, Kurosaki Y, Takeuchi I, Imaki R, Tojo T, Shimohama T, Takehana H, Izumi T: Phosphoglucomutase Activity as a Novel Biomarker in Patients with Acute Myocardial Infarction. *Circulation J* 2012; 76 (9): 2197-203.
4. Kiryu M, Niwano S, Niwano H, Kishihara J, Aoyama Y, Fukaya H, Masaki Y, Izumi T: Angiotensin II-mediated Up-regulation of Connective Tissue Growth Factor Promotes Atrial Tissue Fibrosis in the Canine Atrial Fibrillation Model. *Europace* 2012; 14 (8): 1206-14.
5. Izumi T, Nishii M: Diagnostic and Prognostic Biomarkers in Acute Myocarditis, Interleukin-10. *Herz* 2012; 37 (6): 627-31.
6. Satoh A, Niwano S, Niwano H, Kamiya K, Kishihara J, Aoyama Y, Kameda R, Oikawa J, Yuge M, Izumi T: Prediction of Inappropriate Implantable Cardioverter-defibrillator Therapies Through Parameters Obtained in a Simple Exercise Stress Test. *Int Heart J* 2012; 53 (5): 276-81.
7. Niizuma S, Inuzuka Y, Okuda J, Kato T, Kawashima T, Tamaki Y, Iwanaga Y, Yoshida Y, Kosugi R, Watanabe-Maeda K, Machida Y, Tsuji S, Aburatani H, Izumi T, Kita T, Kimura T, Shioi T. Effect of Persistent Activation of Phosphoinositide 3-Kinase on Heart. *Life Science* 2012; 90 (15-16): 619-28.
8. Yamada S, Shimizu Y, Suzuki M, Izumi T, and PTMaTCH Collaborators. Functional limitations Predict the Risk of Rehospitalization Among Patients with Chronic Heart Failure. *Circulation J* 2012; 76 (7): 1654-61.
9. Fukaya H, Niwano S, Niwano H, Masaki Y, Kiryu M, Hirasawa S, Sato D, Moriguchi M, Izumi T. Combined Effects of Up- and Downstream Therapies on Atrial Fibrillation in a Canine Rapid Stimulation Model. *Inter J Cardiol* 2012; 157 (2): 197-206.
10. Niwano S, Hirasawa S, Niwano H, Sasaki S, Masuda R, Sato K, Masuda T, Izumi T. Cardioprotective Effects of Sarcolemmal and Mitochondrial K-ATP Channel Openers in an Experimental Model of Autoimmune Myocarditis. *Inter Heart J* 2012; 53 (2): 139-45.
11. Otsuka H, Arimura T, Abe T, Kawai H, Aizawa Y, Kubo T, Kitaoka H, Nakamura H, Nakamura K, Okamoto H, Ichida F, Ayusawa M, Nunoda S, Isobe M, Matsuzaki M, Doi YL, Fukuda K, Sasaoka T, Izumi T, Ashizawa N, Kimura A. Prevalence and Distribution of Sarcomeric Gene Mutations in Japanese Patients with Familial Hypertrophic Cardiomyopathy. *Circulation J* 2012; 76 (2): 453-61.
12. Murakami M, Niwano S, Koitabashi T, Inomata T, Satoh A, Kishihara J, Ishikawa S, Aoyama Y, Niwano H, Izumi T. Evaluation of the Impact of Atrial Fibrillation on Rehospitalization Events in Heart Failure Patients in Recent Years. *J Cardiol* 2012; 60 (1): 36-41.
13. Yamaoka-Tojo M, Tojo T, Wakaume K, Kameda R, Nemoto S, Takahira N, Masuda T, Izumi T. Circulating Interleukin-18: A Specific Biomarker for Atherosclerosis-prone Patients with Metabolic Syndrome. *Nutri Metabo* 2011; 8: 3.
14. Matsuzaki M, Hori M, Izumi T, Fukunami M for the Tolvaptan Investigators. Efficacy and Safety of Tolvaptan in Heart Failure Patients with Volume Overload Despite the Standard Treatment with Conventional Diuretics: A Phase III, Randomized, Double-blind, Placebo-controlled Study (QUEST Study). *Cardiovasc Drug Ther* 2011; 25 (Suppl 1): S33-45.
15. Fukunami M, Matsuzaki M, Hori M, Izumi T for the Tolvaptan Investigators. Efficacy and Safety of Tolvaptan in Heart Failure Patients with Sustained Volume Overload Despite the Use of Conventional Diuretics: A Phase III Open-Label Study. *Cardiovasc Drug Ther* 2011; 25 (Suppl 1): S47-56.

16. Matsuzaki M, Hori M, Izumi T, Asanoi H, Tsutamoto T, for the Tolvaptan Investigators. Cardiovascular Drugs and Therapy. Effects of Tolvaptan on Volume Overload in Japanese Patients with Heart Failure: Results of a Phase II, Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group Study. *Cardiovasc Drug Ther* 2011; 25 (Suppl 1): S19-31.
17. Aoyama Y, Niwano S, Niwano H, Satoh A, Kishihara J, Ishikawa S, Murakami M, Fukumoto K, Ueno K, Izumi T. Repetitive Evaluation of Fibrillation Cycle Length Predicts the Efficacy of Bepridil for Interruption of Long-lasting Persistent Atrial Fibrillation. *Int Heart J* 2011; 52 (6): 353-8.
18. Inomata T, Izumi T, Matsuzaki M, Hori M, Hirayama A for the Tolvaptan Investigators. Phase III Clinical Pharmacology Study of Tolvaptan. *Cardiovasc Drug Ther* 2011; 25 (11): 57-65.
19. Kohro T, Yamazaki T, Izumi T, Daida H, Kurabayashi M, Miyauchi K, Tojo T, Nagai R and JCADII Investigators. Intensively Lowering Both Low-Density Lipoprotein Cholesterol and Blood Pressure Does Not Reduce Cardiovascular Risk in Japanese Coronary Artery Disease Patients. *Circulation J* 2011; 75 (9): 2062-70.
20. Kurokawa S, Niwano S, Niwano H, Ishikawa S, Kishihara J, Aoyama Y, Kosukegawa T, Masaki Y, Izumi T. Progression of Ventricular Remodeling and Arrhythmia in the Primary Hyperoxidative State of Glutathione - Depleted Rats. *Circulation J* 2011; 75 (6): 1386-93.
21. Shimizu Y, Yamada S, Miyake F, Izumi T, PTMaTCH Collaborators. The Effects of Depression on the Course of Functional Limitations in Patients with Chronic Heart Failure. *J Card Fail* 2011; 17 (6): 503-10.
22. Niwano S, Niwano H, Sasaki S, Fukaya H, Yuge M, Imaki R, Machida Y, Izumi T. N-acetylcysteine suppresses the Progression of Ventricular Remodeling in Acute Myocarditis: Studies in an Experimental Autoimmune Myocarditis (EAM) Model. *Circulation J* 2011; 75 (3): 662-71.
23. Maekawa E, Inomata T, Watanabe I, Yanagisawa T, Mizutani T, Shinagawa H, Koitabashi T, Takeuchi I, Tokita N, Inoue Y, Izumi T. Prognostic Significance of Right Ventricular Dimension on Acute Decompensation in Chronic Left-sided Heart Failure. *Inter Heart J* 2011; 52 (2): 119-26.
24. Mizutani T, Inomata T, Watanabe I, Maekawa E, Yanagisawa T, Shinagawa H, Koitabashi T, Takeuchi I, Izumi T. Comparison of Nitrite Compounds and Carperitide for Initial Treatment of Acute Decompensated Heart Failure. *Inter Heart J* 2011; 52 (2): 114-8.
25. Yanagisawa T, Inomata T, Watanabe I, Maekawa E, Mizutani T, Shinagawa H, Koitabashi T, Takeuchi I, Izumi T. Clinical Significance of Corticosteroid Therapy for Eosinophilic Myocarditis. *Inter Heart J* 2011; 52 (2): 110-3.
26. Masuda T, Ogura MN, Moriya T, Takahira N, Matsumoto T, Kutsuna T, Hara M, Aiba N, Noda C, Izumi T. Beneficial Effects of L- and N-type Calcium Channel Blocker on Glucose and Lipid Metabolism and Renal Function in Patients with Hypertension and Type II Diabetes Mellitus. *Cardiovasc Ther* 2011; 29 (1): 46-53.
27. Hatakeyama Y, Niwano S, Niwano H, Kosukegawa T, Izumi T. Risks and Benefits of Combined Use of Bucolome and Warfarin in Anticoagulation Therapy. *Int Heart J* 2010; 51 (6): 399-403.
28. Yamasaki Y, Nakajima K, Kusuoka H, Izumi T, Kashiwagi A, Kawamori R, Shimamoto K, Yamada N, Nishimura T. Prognostic Value of Gated Myocardial Perfusion Imaging for Asymptomatic Patients with Type 2 Diabetes: The J-ACCESS 2 Investigation. *Diabetes Care* 2010; 33 (11): 2320-6.
29. Ukimura A, Izumi T, Matsumori A. A National Survey on Myocarditis Associated with the 2009 Influenza A (H1N1) Pandemic in Japan. *Circulation J* 2010; 71 (10): 2193-9.
30. Kiryu M, Niwano S, Kishihara J, Aoyama Y, Ishikawa S, Murakami M, Kurokawa S, Yumoto Y, Imaki R, Fukaya H, Niwano H, Izumi T. Preventive Effect of Amiodarone on VT/VF Events in ICD Patients with Structural Heart Diseases. *J Arrhythm* 2010; 26 (4): 250-8.
31. Kurokawa S, Niwano S, Kiryu M, Murakami M, Ishikawa S, Yumoto Y, Moriguchi M, Niwano H, Kosukegawa T, Izumi T. Importance of Morphological Changes in T-U Waves During Bepridil Therapy as a Predictor of Ventricular Arrhythmic Event. *Circulation J* 2010; 74 (5): 876-84.
32. Naruke T, Inomata T, Imai H, Yanagisawa T, Maekawa E, Mizutani T, Osaka T, Shinagawa H, Koitabashi T, Nishii M, Takeuchi I, Takehana H, Aoyama N, Izumi T. End-tidal Carbon Dioxide Concentration Can Estimate the Appropriate Timing for Weaning Off From Extracorporeal Membrane Oxygenation for Refractory Circulatory Failure. *Int Heart J* 2010; 51 (2): 116-20.
33. Yamaoka-Tojo M, Tojo T, Takahira N, Matsunaga A, Aoyama N, Matsuda T, Izumi T. Elevated Circulating Levels of an Incretin Hormone, Glucagon-like Peptide-1, are Associated with Metabolic Components in High-risk Patients with Cardiovascular Disease. *Cardiovasc Diabetol* 2010; 14: 9-17.

34. Kato S, Amano H, Ito Y, Eshima K, Aoyama N, Tamaki H, Sakagami H, Satoh Y, Izumi T, Majima M. Effect of Erythropoietin on Angiogenesis with the Increased Adhesion of Platelets to the Microvessels in the Hind-limb Ischemia Model in Mice. *J Pharmacol Sci* 2010; 112 (2): 167-75.
35. Inuzuka Y, Okuda J, Kawashima T, Kato T, Niizuma S, Tamaki Y, Iwanaga Y, Yoshida Y, Kosugi R, Watanabe-Maeda K, Machida Y, Tsuji S, Aburatani H, Izumi T, Kita T, Shioi T. Suppression of Phosphoinositide 3-Kinase Prevents Cardiac Aging in Mice. *Circulation* 2009; 120 (17): 1695-703.
36. Niwano S, Wakisaka Y, Niwano H, Fukaya H, Kurokawa S, Kiryu M, Hatakeyama Y, Izumi T. Prognostic Significance of Frequent Premature Ventricular Contractions Originating From the Ventricular Outflow Tract in Patients with Normal Left Ventricular Function. *Heart* 2009; 95 (15): 1230-7.
37. Nakajima K, Yamasaki Y, Kusuoka H, Izumi T, Kashiwagi A, Kawamori R, Shimamoto K, Yamada N, Nishimura T. Cardiovascular Events in Japanese Asymptomatic Patients with Type 2 Diabetes: A 1-year Interim Report of a J-ACCESS 2 Investigation Using Myocardial Perfusion Imaging. *Eur J Nucl Med Mol Imaging* 2009; 36 (12): 2049-57.
38. Hinohara K, Ohtani H, Nakajima T, Sasaoka T, Sawabe M, Lee BS, Ban J, Park JE, Izumi T, Kimura A. Validation of Eight Genetic Risk Factors in East Asian Populations Replicated the Association of BRAP with Coronary Artery Disease. *J Human Gene* 2009; 54 (11): 642-6.
39. Takeuchi I, Takehana H, Satoh D, Fukaya H, Tamura Y, Nishi M, Shinagawa H, Imai H, Yoshida T, Tojo T, Inomata T, Aoyama N, Soma K, Izumi T. Effect of Hypothermia Therapy after Outpatient Cardiac Arrest due to Ventricular Fibrillation. *Circulation J* 2009; 73 (10): 1877-80.
40. Hinohara K, Nakajima T, Sasaoka T, Sawabe M, Lee BS, Ban JM, Park JE, Izumi T, Kimura A. Validation of the Association Between AGTRL1 Polymorphism and Coronary Artery Disease in the Japanese and Korean Populations. *J Human Gene* 2009; 54 (9): 554-6.
41. Sasayama S, Izumi T, Matsuzaki M, Matsumori A, Asanoi H, Momomura S, Seino Y, Ueshima K. CHF-HOT Study Group.: Improvement of Quality of Life with Nocturnal Oxygen Therapy in Heart Failure Patients with Central Sleep Apnea. *Circulation J* 2009; 73 (7): 1255-62.
42. Niwano S, Sasaki T, Kurokawa S, Kiryu M, Fukaya H, Hatakeyama Y, Niwano H, Fujiki A, Izumi T. Predicting the Efficacy of Antiarrhythmic Agents for Interrupting Persistent Atrial Fibrillation According to Spectral Analysis of the Fibrillation Waves on the Surface ECG. *Circulation J* 2009; 73 (7): 1210-8.
43. Yonezawa R, Masuda T, Matsunaga A, Takahashi Y, Saitoh M, Ishii A, Kutsuna T, Matsumoto T, Yamamoto K, Aiba N, Hara M, Izumi T. Effects of Phase II Cardiac Rehabilitation on Job Stress and Health-related Quality of Life After Return to Work in Middle-aged Patients with Acute Myocardial Infarction. *Int Heart J* 2009; 50 (3): 279-90.
44. Fukuda M, Masuda T, Ogura MN, Moriya T, Tanaka K, Yamamoto K, Ishii A, Yonezawa R, Noda C, Izumi T. Influence of Nifedipine Coat-core and Amlodipine on Systemic Arterial Stiffness Modulated by Sympathetic and Parasympathetic Activity in Hypertensive Patients. *Hypertens Res* 2009; 32 (5): 392-8.
45. Yamaoka-Tojo M, Tojo T, Kosugi R, Hatakeyama Y, Yoshida Y, Machida Y, Aoyama N, Masuda T, Izumi T. Effects of Ezetimibe Add-on Therapy for High-risk Patients with Dyslipidemia. *Lipids Health Dis* 2009; 8: 41.
46. Hinohara K, Nakajima T, Yasunami M, Houda S, Sasaoka T, Yamamoto K, Lee BS, Shibata H, Tanaka-Takahashi Y, Takahashi M, Arimura T, Sato A, Naruse T, Ban J, Inoko H, Yamada Y, Sawabe M, Park JE, Izumi T, Kimura A. Megakaryoblastic Leukemia Factor-1 Gene in the Susceptibility to Coronary Artery Disease. *Human Gene* 2009; 126 (4): 539-47.
47. Hinohara K, Nakajima T, Sasaoka T, Sawabe M, Lee BS, Ban J, Park JE, Izumi T, Kimura A. Replication Studies for the Association of PSMA6 Polymorphism with Coronary Artery Disease in East Asian Populations. *J Human Gene* 2009; 54 (4): 248-51.
48. Fukaya H, Niwano S, Sasaki T, Kiryu M, Kurokawa S, Hatakeyama Y, Satoh D, Yumoto Y, Moriguchi M, Niwano H, Fujiki A, Izumi T. Attenuating Effects of Anti-arrhythmic Agents on Changes in Fibrillation Cycle Length in Very Early Phase Paroxysmal Atrial Fibrillation - Spectral Analysis of Fibrillation Waves in Surface ECG -. *J Arrhythm* 2009; 25 (3): 135-41.
49. Nishii M, Inomata T, Takehana H, Naruke T, Yanagisawa T, Moriguchi M, Takeda S, Izumi T. Prognostic Utility of B-type Natriuretic Peptide Assessment in Stable Low-Risk Outpatients with Nonischemic Cardiomyopathy After Decompensated Heart Failure. *J Am Coll Cardiol* 2008; 51 (24): 2329-35.

50. Hirasawa S, Niwano S, Kishihara J, Kiryu M, Imaki R, Izumi T. Effect of Colestimide on Reduction of Body Weight and Waist Circumference in Metabolic Syndrome Patients with Cardiovascular Risk Factors. *J Arrhythm* 2008; 24 (3): 141-8.
51. Imaki R, Niwano S, Niwano H, Satoh D, Yoshida T, Masaki Y, Izumi T. Neutral Endopeptidase Inhibitor Suppresses the Early Phase of Atrial Electrical Remodeling in a Canine Rapid Atrial Pacing Model. *Indi Pac Electrophysiol J* 2008; 8 (2): 102-13.
52. Kusuoka H, Yamasaki Y, Izumi T, Kashiwagi A, Kawamori R, Shimamoto K, Yamada N, Nishimura T. Surveillance Study for Creating the National Clinical Database Relating to ECG-gated Myocardial Perfusion SPECT of Asymptomatic Ischemic Heart Disease in Patients with Type-2 Diabetes Mellitus: J-ACCESS 2 Study Design. *Ann Nucl Med* 2008; 22: 13-21.
53. Hinohara K, Nakajima T, Takahashi M, Hohda S, Sasaoka T, Nakahara K, Chida K, Sawabe M, Arimura T, Sato A, Lee BS, Ban JM, Yasunami M, Park JE, Izumi T, Kimura A. Replication of the Association Between a Chromosome 9p21 Polymorphism and Coronary Artery Disease in Japanese and Korean Populations. *J Human Gene* 2008; 53 (4): 357-9.
54. Niwano S, Fukaya H, Yuge M, Imaki R, Hirasawa S, Sasaki T, Yumoto Y, Inomata T, Izumi T. Role of Electrophysiologic Study (EPS)-guided Preventive Therapy for the Management of Ventricular Tachyarrhythmias in Patients with Heart Failure. *Circulation J* 2008; 72 (2): 268-73.
55. Yamaoka-Tojo M, Tojo T., Izumi T. Beyond Cholesterol Lowering: Pleiotropic Effects of Bile Acid Binding Resins Against Cardiovascular Disease Risk Factors in Patients with Metabolic Syndrome. *Curr Vasc Pharmacol* 2008; 6 (4): 271-81.
56. Nagai R, Izumi T, Kurabayashi M, Daida H, Tojo T, Hasegawa A, Miyauchi K, Hayashi D, Kohro T, Okada Y, Yamazaki T. JCAD II Investigators.: Rationale and Design of a Study to Examine Lower Targets for Low-Density Lipoprotein-Cholesterol and Blood Pressure in Coronary Disease Patients - The Japanese Coronary Artery Disease Study II (JCAD II). *Circulation J* 2008; 72 (4): 515-20.
57. Yamaoka-Tojo M, Tojo T, Kosugi R, Aoyama N, Niwano S, Kurokawa S, Izumi T. Effect of Colestimide on Reduction of Body Weight and Waist Circumference in Metabolic Syndrome Patients with Cardiovascular Risk Factors. *Vasc Dis Prev* 2008; 5 (3): 183-9.
58. Shinagawa H, Inomata T, Koitabashi T, Nakano H, Takeuchi I, Naruke T, Ohsaka T, Nishii M, Takehana H, Izumi T. Prognostic Significance of Increased Serum Bilirubin Levels Coincident With Cardiac Decompensation in Chronic Heart Failure. *Circulation J* 2008; 72 (3): 364-9.
59. Miyata M, Kihara T, Kubozono T, Ikeda Y, Shinsato T, Izumi T, Matsuzaki M, Yamaguchi T, Kasanuki H, Daida H, Nagayama M, Nishigami K, Hirata K, Kihara K, Tei C. Beneficial effects of Waon therapy on patients with chronic heart failure: Results of a prospective multicenter study. *J Cardiol* 2008; 52 (2): 79-85.
60. Yoshida T, Niwano S, Niwano H, Imaki R, Satoh D, Masaki Y, Nakazato K, Soma K, Izumi T. Atrial Natriuretic peptide (ANP) Suppresses Acute Atrial Electrical Remodeling in the Canine Rapid Atrial Stimulation Model. *Inter J Cardiol* 2008; 123 (2): 147-54.
61. Fukaya H, Niwano S, Satoh D, Masaki Y, Niwano H, Kojima J, Moriguchi M, Izumi T. Inhomogenic Effect of Bepridil on Atrial Electrical Remodeling in a Canine Rapid Atrial Stimulation Model. *Circulation J* 2008; 72 (2): 318-26.
62. Ohsaka T, Inomata T, Naruke T, Shinagawa H, Koitabashi T, Nishii M, Takeuchi I, Takehana H, Izumi T. Clinical Impact of Adherence to Guidelines on the Outcome of Chronic Heart Failure in Japan. *Inter Heart J* 2008; 49 (1): 59-73.
63. Niwano, S, Kojima, J, Fukaya, H, Sato, D, Moriguchi, M, Niwano, H, Masaki, Y, Izumi T. Arrhythmogenic Difference Between the Left and Right Atria During Rapid Atrial Activation in a Canine Model of Atrial Fibrillation. *Circulation J* 2007; 71 (10): 1629-35.
64. Nakano N, Hori H, Abe M, Shibata H, Arimura T, Sasaoka T, Sawabe M, Chida K, Arai T, Nakahara K, Kubo T, Sugimoto K, Katsuya T, Ogihara T, Doi Y, Izumi T, Kimura A. Interaction of BMP10 with Tcap May Modulate the Course of Hypertensive Cardiac Hypertrophy. *Am J Physiol* 2007; 293 (6): H3396-403.
65. Yoshida Y, Shioi T, Izumi T. Resveratrol Ameliorates Experimental Autoimmune Myocarditis. *Circulation J* 2007; 71 (3): 397-404.
66. Sasayama S, Satoh T, Izumi T, Yoshida S, Kyotani S, Tahara N. Long-term Trial of Bosentan Monotherapy for Pulmonary Arterial Hypertension in Japanese Patients. *Curr Med Res Opin* 2007; 23 (2): 395-400.

67. Kimura A, Takahashi M, Choi BY, Bae SW, Hohta S, Sasaoka T, Nakahara T, Chida K, Sawabe M, Yasunami M, Naruse T, Izumi T, Park J-E. Lack of Association Between LTA and LGALS2 Polymorphisms and Myocardial Infarction in Japanese and Korean Populations. *Tissue Ant* 2007; 69: 265-9.
68. Shinagawa H, Inomata T, Koitabashi T, Nakano H, Takeuchi I, Osaka T, Nishii, M, Takehana, H, Izumi T. Increased Serum Bilirubin Levels Coincident With Heart Failure Decompensation Indicate the Need for Intravenous Inotropic Agents. *Inter Heart J* 2007; 48 (2): 195-204.
69. Niwano S, Fukaya H, Sasaki T, Hatakeyama Y, Fujiki A, Izumi T. Effects of Oral L-type Calcium Channel Blocker on Repetitive Paroxysmal Atrial Fibrillation: Spectral Analysis of Fibrillation Waves in the Holter Monitoring. *Eur Soc Cardiol* 2007; 9: 1209-15.
70. Sasaki S, Niwano S, Fukaya H, Yuge M, Imaki R, Inomata T, Izumi T. Clinical Usefulness of Electrophysiologic Study (EPS)-Guided Risk Stratification for Life-Threatening Arrhythmia in Patients with Heart Failure. *Int Heart J* 2007; 48 (2): 155-63.
71. Arimura T, Hayashi T, Matsumoto Y, Shibata H, Hiroi S, Nakamura T, Inagaki N, Hinohara K, Takahashi M, Manatsu SI, Sasaoka T, Izumi T, Bonne G, Schwartz K, Kimura A. Structural Analysis of Four and Half LIM Protein-2 in Dilated Cardiomyopathy. *Biochem Biophys Res Com* 2007; 357 (1): 162-7.
72. Sasaki T, Niwano S, Kitano Y, Izumi T. Two Cases of Brugada Syndrome Associated with Spontaneous Clinical Episodes of Coronary Vasospasm. *Intern Med* 2006; 45 (2): 77-80.
73. Kawada H, Niwano S, Niwano H, Yumoto Y, Wakisaka Y, Yuge M, Kawahara K, Izumi T. Tumor Necrosis Factor- α Downregulates the Voltage Gated Outward K⁺ Current in Cultured Neonatal Rat Cardiomyocytes - A possible Cause of Electrical Remodeling in Diseased Hearts -. *Circulation J* 2006; 70 (5): 605-9.
74. Ozaki K, Kubo T, Imaki R, Shinagawa H, Fukaya H, Ohtaki K, Izaki S, Izumi T, Aizawa Y. The Anti-Atherosclerotic Effects of Lipid Lowering with Atorvastatin in Patients with Hypercholesterolemia. *J Atheroscler Thromb* 2006; 13 (4): 216-9.
75. Imaki R, Niwano S, Fukaya H, Sasaki S, Yuge M, Hirasawa S, Sato, D, Sasaki T, Moriguchi M, Izumi T. Predictive Impact of the Inducibility of Ventricular Fibrillation in Patients With Brugada-Type ECG. *Int Heart J* 2006; 47 (2): 229-36.
76. Sasaki T, Niwano S, Fukaya H, Sasaki S, Imaki R, Yuge M, Hirasawa S, Satoh D, Moriguchi M, Fujiki A, Izumi T. Morphological Properties of Atrial Fibrillation Waves in Patients with Left Ventricular Dysfunction - Spectral Analysis of Atrial Fibrillation Waves in Dilated Cardiomyopathy -. *J Arrhythmia* 2006; 22 (2): 92-7.
77. Sasaki, T, Niwano, S, Imaki, R, Yuge, M, Hirasawa, S, Satoh, D, Moriguchi, M, Fujita, A, Izumi T. Long-Term Follow-up of Changes in Fibrillation Waves in Patients With Persistent Atrial Fibrillation - Spectral Analysis of Surface ECG -. *Circulation J* 2006; 70 (2): 169-73.
78. Sasayama S, Izumi T, Seino Y, Ueshima K, Asanoi H for The CHF-HOT Study Group. Effects of Nocturnal Oxygen Therapy on Outcome Measures in Patients With Chronic Heart Failure and Cheyne-Stokes Respiration. *Circulation J* 2006; 70 (1): 1-7.
79. Yuge M, Niwano S, Moriguchi M, Sasaki T, Hirasawa S, Imaki R, Sato D, Izumi T. Clinical Significance of the Electrophysiologic Study (EPS) Guided Therapy for the Secondary Prevention of Ventricular Tachycardia. *Circulation J* 2006; 70 (3): 268-72.
80. Yamaoka-Tojo M, Tojo T, Shioi T, Masuda T, Inomata T, Izumi T. Central Neurotensin, Alpha-Melanocyte-Stimulating Hormone (α -MSH) is Upregulated in Patients with Congestive Heart Failure. *Int Med* 2006; 45 (7): 429-34.
81. Yoshida, T, Takehana H, Imai, H, Machii, M, Kataoka, Y, Soma, H, Izumi T. Cardiac Function Estimated by Stroke Volume Starts to Recover Just After Reperfusion Therapy with Special Reference to Stunning of Acute Myocardial Infarction. *J Jpn Soc Intensive Care Med* 2006; 13: 135-40.
82. Nishii M, Inomata T, Niwano H, Takehana H, Takeuchi I, Nakano H, Shinagawa H, Naruke T, Koitabashi T, Nakahata J, Izumi T. Beta2-Adrenergic Agonists Suppress Rat Autoimmune Myocarditis: Potential Role of Beta2-adrenergic Stimulants as New Therapeutic Agents for Myocarditis. *Circulation* 2006; 114 (9): 936-44.
83. Hara H, Niwano S, Hirasawa S, Sasaki T, Ikeda N, Izumi T. Evaluation of Exercise-induced T Wave Changes in Patients with Idiopathic Dilated Cardiomyopathy Before and After Beta-blocker Therapy. *J Cardiovasc Electrophysiol* 2006; 17 (8): 865-70.
84. Sato D, Niwano S, Imaki R, Masaki Y, Sasaki S, Yuge M, Hirasawa S, Sasaki T, Moriguchi M, Niwano H, Yoshimura H, Izumi T. Bepridil Inhibits Sub-Acute Phase of Atrial Electrical Remodeling in Canine Rapid Atrial Stimulation Model. *Circulation J* 2006; 70 (2): 206-23.

85. Hara H, Niwano S, Ikeda N, Izumi T. Prolonged Recovery Time in the Left Precordial Leads Reflects Increased Left Ventricular Mass in the Hypertensive Patients. *J Electrocardiol* 2005; 38 (4): 406-11.
86. Maeda K, Shioi T, Kosugi R, Yoshida Y, Takahashi K, Machida Y, Izumi T. Rapamycin Ameliorates Experimental Autoimmune Myocarditis. *Int Heart J* 2005; 46 (3): 513-30.
87. 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 and 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.
88. Koitabashi T, Inomata T, Niwano S, Nishii M, Takeuchi I, Nakano H, Shinagawa H, Takehana H, Izumi T. Paroxysmal Atrial Fibrillation Coincident with Cardiac Decompensation is a Predictor of Poor Prognosis in Chronic Heart Failure. *Circulation J* 2005; 69 (7): 823-30.
89. Kosugi R, Shioi T, Watanabe-Maeda K, Yoshida Y, Takahashi K, Machida Y, Izumi T.: Angiotensin II Receptor Antagonist Attenuates Expression of Aging Markers in Diabetic Mouse Heart. *Circulation J* 2006; 70 (4): 482-8.
90. Koitabashi, T, Inomata, T, Niwano, S, Nishii, M, Takeuchi, I, Nakano, H, Shinagawa, H, Takehana, H, Izumi T. Distinguishable Optimal Levels of Plasma B-type Natriuretic Peptide in Heart Failure Management Based on Complicated Atrial Fibrillation. *Int Heart J* 2005; 46 (3): 453-64.
91. Takeuchi I, Inomata T, Nishii M, Koitabashi T, Nakano H, Shinagawa H, Takehana H, Izumi T.: Clinical Characteristics of Heart Disease Patients With a Good Prognosis in Spite of Markedly Increased Plasma Levels of Type-B Natriuretic Peptide(BNP) - Anomalous Behavior of Plasma BNP in Hypertrophic Cardiomyopathy -. *Circulation J* 2005; 69 (3): 277-82.
92. Sato H, Ishikawa K, Kitabatake A, Ogawa S, Maruyama Y, Yokota Y, Fukuyama T, Doi Y, Mochizuki S, Izumi T, Takekoshi N, Yoshida K, Hiramori K, Uchiyama S, Matsumoto M, Yamaguchi T, Hori M and Japan Atrial Fibrillation Stroke Trial (JAST) Group. Low-Dose Aspirin for Prevention of Stroke in Low-Risk Patients with Atrial Fibrillation: Japan Atrial fibrillation Stroke Trial. *Stroke* 2005; 37 (2): 447-51.
93. Sasayama S, Kuneida T, Tomoike H, Matsuzaki M, Kuriyama T, Izumi T, Origasa H, van Giersbergen PLM, Dingemans J, Tanaka S. Effects of the Endothelin Receptor Antagonist Bosentan on Hemodynamics, Symptoms and Functional Capacity in Japanese Patients with Severe Pulmonary Hypertension. *Circulation J* 2005; 69 (2): 131-7.
94. Hirasawa S, Niwano S, Inomata T, Sasaki S, Yuge M, Imaki R, Sato D, Sasaki T, Wakisaka Y, Moriguchi M, Niwano H, Izumi T. Changes in Clinical Arrhythmia in Patients with Heart Failure due to Dilated Cardiomyopathy. *Kitasato Med J* 2005; 35 (1): 20-6.
95. Matsunaga A, Masuda T, Ogura MN, Saitoh M, Kasahara Y, Iwamura T, Yamaoka-Tojo M, Sato K, Izumi T. Adaptation to Low-intensity Exercise on a Cycle Ergometer by Patients with Acute Myocardial Infarction Undergoing Phase I Cardiac Rehabilitation. *Circulation J* 2004; 68 (10): 938-45.
96. Fukuda N, Iwahara S, Harada A, Yokoyama S, Akutsu K, Takano M, Kobayashi A, Kurokawa S, Izumi T. Vasospasms of the Radial Artery After the Transradial Approach for Coronary Angiography and Angioplasty. *Jpn Heart J* 2004; 45 (5): 723-31.
97. Nishii M, Inomata T, Takehana H, Takeuchi I, Nakano H, Koitabashi T, Nakahata J, Aoyama N, Izumi T. Serum Levels of Interleukin-10 on Admission as a Prognostic Predictor of Human Fulminant Myocarditis. *J Am Coll Cardiol* 2004; 44 (6): 1292-7.
98. Hara H, Niwano S, Yoshida T, Matsuyama N, Wakisaka Y, Sasaki T, Kitano Y, Izumi T. Prediction of Clinical Recurrence of Atrioventricular-Nodal Reentrant Tachycardia (AVNRT) After Successful Slow Pathway Ablation. *Circulation J* 2004; 68 (6): 558-62.
99. Wakisaka Y, Niwano S, Niwano H, Saito J, Yoshida T, Hirasawa S, Kawada H, Izumi T. Structural and Electrical Ventricular Remodeling in Rat Acute Myocarditis and Subsequent Heart Failure. *Cardiovasc Res* 2004; 63 (4): 689-99.
100. Morimoto T, Hayashino Y, Shimbo T, Izumi T, Fukui T. Is B-type Natriuretic Peptide-guided Heart Failure Management Cost-effective? *Int J Cardiol* 2004; 96 (2): 177-81.
101. Yumoto Y, Horie M, Kubota T, Ninomiya T, Kobori A, Takenaka K, Takano M, Niwano S, Izumi T. Bepidil Block of Recombinant Human Cardiac IKs Current Shows a Time-dependent Unblock. *J Cardiovasc Pharmacol* 2004; 43 (2): 178-82.
102. Inomata T, Izumi T, Kobayashi M. Cost-effectiveness Analysis of Carvedilol for the Treatment of Chronic Heart Failure in Japan. *Circulation J* 2004; 68 (1): 35-40.

103. Moriguchi M, Niwano S, Yoshizawa N, Kojima J, Inuo K, Izumi T. Verapamil Suppresses the Inhomogeneity of Electrical Remodeling in a Canine Long-term Rapid Atrial Stimulation Model. *Pac Clin Electrophysiol* 2003; 26 (11): 2072-82.
104. Noda C, Masuda T, Sato K, Ikeda K, Shimohama T, Matsuyama N, Izumi T. Vanadate Improves Cardiac Function and Myocardial Energy Metabolism in Diabetic Rat Hearts. *Jpn Heart J* 2003; 44 (5): 745-57.
105. Hohda S, Kimura A, Sasaoka T, Hayashi T, Ueda K, Yasunami M, Okabe M, Fukuta N, Kurosawa T, Izumi T. Association Study of CD14 Polymorphism with Myocardial Infarction in a Japanese Population. *Jpn Heart J* 2003; 44 (5): 613-22.
106. Masuda T, Sato K, Noda C, M. Ikeda K, Matsunaga A, Ogura M, Shimizu K, Nagasawa H, Matsuyama N, Izumi T. Protective Effect of Urinary Trypsin Inhibitor on Myocardial Mitochondria During Hemorrhagic Shock and Reperfusion. *Crit Care Med* 2003; 31 (7): 1987-92.
107. Yoshida M, Takano Y, Sasaoka T, Izumi T, Kimura A. E-Selection Polymorphism Associated With Myocardial Infarction Causes Enhanced Leukocyte-Endothelial Interactions Under Flow Conditions. *Arterioscler Thromb Vasc Biol* 2003; 23: 783-8.
108. Kojima J, Niwano S, Moriguchi M, Ikeda K, Inuo K, Saito J, Izumi T. Effect of Pilsicainide on Atrial Electrophysiologic Properties in the Canine Rapid Atrial Stimulation Model - A Possible Suppressive Effect on Atrial Electrical Remodeling. *Circulation J* 2003; 67 (4): 340-6.
109. Yamaoka-Tojo M, Tojo T, Masuda T, Machida Y, Kitano Y, Kurosawa T, Izumi T. C-reactive Protein-induced Production of Interleukin-18 Human Endothelial Cells: A Mechanism of Orchestrating Cytokine Cascade in Acute Coronary Syndrome. *Heart Vessels* 2003; 18: 183-7.
110. Tokita N, Hasegawa S, Maruyama N, Izumi T, Francis G, Blankenberg, Jonathan F, Tait H, Strauss W, Nisimura T. 99m Tc-Hynic-annexin V Imaging to Evaluate Inflammation and Apoptosis in Rats with Autoimmune Myocarditis. *Eur J Nucl Mol Imaging* 2003; 30 (2): 232-8.
111. Niwano S, Wakisaka Y, Kojima J, Yumoto Y, Inuo K, Hara H, Saito J, Niwano H, Izumi T. Monitoring the Progression of the Atrial Electrical Remodeling in Patients with Paroxysmal Atrial Fibrillation-analysis of the f_f Interval During Ambulatory ECG Monitoring-. *Circulation J* 2003; 67 (2): 133-8.
112. Yoshida T, Niwano S, Inuo K, Saito J, Kojima J, Ikeda-Murakami K, Hara H, Izumi T. Bepridil Prevents Paroxysmal Atrial Fibrillation by a Class III Antiarrhythmic Drug Effect. *Pac Clin Electrophysiol* 2003; 26 (1): 314-7.
113. Ito H, Hayashi I, Izumi T, Majima M. Bradykinin Inhibits Development of Myocardial Infarction Through B2 Receptor Signaling by Increment of Regional Blood Flow Around the Ischaemic Lesions in Rats. *Brit J Pharmacol* 2003; 138 (1): 225-33.
114. Tanabe N, Saito R, Sato T, Hayashi S, Toyoshima H, Seki N, Miyahashi K, Izumi T, Suzuki H, Aizawa Y, Namekata T. Event Rates of Acute Myocardial Infarction and Coronary Deaths in Niigata and Nagaoka Cities in Japan. *Circulation J* 2003; 67 (1): 40-5.
115. Yoshida T, Niwano S, Inuo K, Saito J, Kojima J, Ikeda-Murakami K, Hara H, Izumi T. Evaluation of the Effect of Bepridil on Paroxysmal Atrial Fibrillation- Relationship Between Efficacy and the f_f Interval in Surface ECG Recordings-. *Circulation J* 2003; 67 (1): 11-5.
116. Masuda T, Sato K, Yamamoto S, Matsuyama N, Shimohama T, Matsunaga A, Obuchi S, Shiba Y, Shimizu S, Izumi T. Sympathetic Nervous Activity and Myocardial Damage Immediately After Subarachnoid Hemorrhage in a Unique Animal Model. *Stroke* 2002; 33: 1671-6.
117. Niwano S, Kodama J, Inuo K, Saito J, Kashiwa T, Suyama M, Toyoshima T, Aizawa Y, Izumi T. Measurement of Body Surface Energy Leakage of Defibrillation Shock by an Implantable Cardioverter Defibrillator. *Pac Clin Electrophysiol* 2002; 25 (8): 1212-8.
118. Shimohama T, Suzuki Y, Noda C, Niwano H, Sato K, Masuda T, Kawahara K, Izumi T. Decreased Expression of Na⁺/H⁺ Exchanger Isoform 1(NHE1) in Non-infarcted Myocardium After Acute Myocardial Infarction. *Jpn Heart J* 2002; 43 (3): 273-82.
119. Takehana H, Inomata T, Niwano H, Nishii M, Matsuda C, Kohno K, Machida Y, Izumi T. Immunomodulatory Effect of Pentoxifylline in Suppressing Experimental Autoimmune Myocarditis. *Circulation J* 2002; 66 (5): 499-504.
120. Takahashi M, Echizen H, Takahashi K, Shimada S, Aoyama N, Izumi T. Extremely Prolonged Elimination of Cibenzoline at Toxic Plasma Concentrations in Patients with Renal Impairments. *Ther Drug Monitor* 2002; 24 (4): 492-6.
121. Inuo K, Niwano S, Morohoshi Y, Nakayama S, Ikeda K, Kojima J, Saito J, Masuda T, Izumi T. Cardioprotective Effect of Mexilentine in Acute Myocardial Ischemia - Studies in the Rabbit Closed Chest Ischemia Model -. *Circulation J* 2002; 66 (4): 403-10.
122. Aoyama N, Yamashina T, Robert E. Poelmann, Adriana C. Gittenberger-De G, Izumi T, Soma K, Ohwada T. Conduction System Abnormalities in Rat Embryos Induced By Maternal Hyperthermia. *Anat Rec* 2002; 267 (3): 213-19.

123. Aoyama N, Izumi T, Hiramori K, Isobe M, Kawana M, Hiroe M, Hishida H, Kitaura Y, Imaizumi T. National Survey of Fulminant Myocarditis in Japan - Therapeutic Guidelines and Long-Term Prognosis of Using Percutaneous Cardiopulmonary Support for Fulminant Myocarditis (Special Report From a Scientific Committee) -. *Circulation J* 2002; 66 (2): 133-44.
124. Yamaoka-Tojo M, Tojo T, Inomata T, Machida Y, Osada K, Izumi T. Circulating Levels of Interleukin 18 Reflect Etiologies of Heart Failure: Th1/Th2 Cytokine Imbalance Exaggerates the Pathophysiology of Advanced Heart Failure. *J Cardiac Fail* 2002; 8 (1): 21-7.
125. Inuo K, Niwano S, Morohoshi Y, Nakayama S, Izumi T. Effect of Mexilentine on Ischemic Heart - Studies in the Closed Chest Rabbit Acute Ischemia Model -. *Kitasato Med* 2002; 32 (1): 55-63.
126. Saito J, Niwano S, Niwano H, Inomata T, Yumoto Y, Ikeda K, Inuo K, Kojima J, Horie M, Izumi T. Electrical Remodeling of the Ventricular Myocardium in Myocarditis - Studies of Rat Experimental Autoimmune Myocarditis -. *Circulation J* 2002; 66 (1): 98-103.
127. Sasaoka T, Kimura A, Hohta S, Fukuda N, Kurosawa T, Izumi T. Polymorphisms in the Platelet-Endothelial Cell Adhesion Molecule-1(PECAM-1) Gene, Asn563Ser and Gly670Arg, Associated with Myocardial Infarction in the Japanese. *Ann New York Acad Sci* 2001; 947: 259-70.
128. Kodama M, Oda H, Okabe M, Aizawa Y, Izumi T. Early and Long-Term Mortality of the Clinical Subtypes of Myocarditis. *Jpn Circulation J* 2001; 65 (11): 961-1004.
129. Yazaki Y, Isobe M, Hiroe M, Morimoto S, Hiramitsu S, Nakano T, Izumi T, Sekiguchi M (Central Japan Heart Study Group). Prognostic Determinants of Long-term Survival in Japanese Patients with Cardiac Sarcoidosis Treated with Prednisone. *Am J Cardiol* 2001; 88 (9): 1006-10.
130. Yoshizawa N, Niwano S, Moriguchi M, Kitano Y, Inuo K, Saito J, Izumi T. Effect of Procainamide on the Postrepolarization Refractoriness in Cardiac Muscle: Evaluation Using the Block Coupling Interval in the Artificial Isthmus Model in the Canine Right Atrium. *Pac Clin Electrophysiol* 2001; 24 (7): 1100-7.
131. Kitano Y, Niwano S, Yoshizawa N, Hara H, Moriguchi M, Izumi T. Clinical Usefulness of the Atrial Double Potential at the Intercaval Region in the Right Atrium: A New Index for Inducibility of Atrial Fibrillation in Electrophysiologic Studies. *Jpn Heart J* 2001; 42 (6): 713-23.
132. Moriguchi M, Niwano S, Yoshizawa N, Kitano Y, Kojima J, Inuo K, Saito J, Izumi T. Inhomogeneity in the Appearance of Electrical Remodeling During Chronic Rapid Atrial Pacing. *Jpn Circulation J* 2001; 65 (4): 335-40.
133. Katsunuma E, Kurokawa S, Takahashi M, Fukuda N, Kurosawa T, Izumi T. Usefulness of BMIPP SPECT to Evaluate Myocardial Viability, Contractile Reserve and Coronary Stenotic Progression After Reperfusion in Acute Myocardial Infarction. *Jpn Heart J* 2001; 42 (4): 435-49.
134. Tokita N, Hasegawa S, Tsujimura E, Yutani K, Izumi T, Nishimura T. Serial Changes in ¹⁴C-Deoxyglucose and ²⁰¹Tl Uptake in Autoimmune Myocarditis in Rats. *J Nucl Med* 2001; 42 (2): 285-91.
135. Matsuda C, Yokota A, Izumi T, Shinohara N. Antigen-presenting Hybridoma Cells Expressing MHC Antigens of the Lewis Rat. *J Immunol Meth* 2001; 251 (1-2): 93-100.
136. Kohno K, Takagaki Y, Aoyama N, Yokoyama H, Takehana H, Izumi T. A Peptide Fragment of β Cardiac Myosin Heavy Chain (β -CMHC) Can Provoke Autoimmune Myocarditis As Well As the Corresponding α Cardiac Myosin Heavy Chain (α -CMHC) Fragment. *Autoimmunity* 2001; 34: 177-85.
137. Niwano S, Yoshizawa N, Inuo K, Saito J, Moriguchi M, Kitano Y, Izumi T. Evaluation of Post-Repolarization Refractoriness for Conduction Block in Cardiac Muscle. *Jpn Circulation J* 2001; 65 (1): 40-5.
138. Matsuda C, Yokota A, Izumi T, Shinohara N. Study on Reactivity of T Lymphocytes Derived from Lewis Rats Undergoing Experimental Autoimmune Myocarditis. *Kitasato Med* 2000; 30 (6): 407-13.
139. Moriguchi M, Niwano S, Yoshizawa N, Kitano Y, Masaki Y, Maruyama S, Izumi T. Quantitative Evaluation of a Directly Depolarized Area Induced by High-Output Pacing on the Cardiac Muscle. *Jpn Circulation J* 2000; 64 (11): 876-82.
140. Hori T, Kurosawa T, Yoshida M, Yamazoe M, Aizawa Y, Izumi T. Factors predicting Mortality in Patients after Myocardial Infarction Caused by Left Main Coronary Artery Occlusion. *Jpn Heart J* 2000; 41 (5): 571-81.
141. Tsujimura E, Kusuoka H, Fukuchi K, Hasegawa S, Yutani K, Hori M, Hirano S, Izumi T, Nishimura T. Changes in Perfusion and Fatty Acid Metabolism of Rat Heart with Autoimmune Myocarditis. *Ann Nucl Med* 2000; 14 (5): 361-7.
142. Inomata T, Watanabe T, Haga M, Hirahara H, Abo T, Okura Y, Hanawa H, Kodama M, Izumi T. Anti-CD2 Monoclonal Antibodies Prevent the Induction of Experimental Autoimmune Myocarditis. *Jpn Heart J* 2000; 41 (4): 507-17.

143. Yokoyama H, Kuwao S, Kohno K, Suzuki K, Kameya T, Izumi T. Cardiac Dendritic Cells and Acute Myocarditis in the Human Heart. *Jpn Circ J* 2000; 64 (1): 57-64.
144. Kohno K, Takagaki Y, Nakajima Y, Izumi T. Advantage of Recombinant Technology for the Identification of Cardiac Myosin Epitope of Severe Autoimmune Myocarditis in Lewis rat. *Jpn Heart J* 2000; 41 (1): 67-77.
145. Sato K, Masuda T, Izumi T. Subarachnoid Hemorrhage and Myocardial Damage Clinical and Experimental Studies. *Jpn Heart J* 1999; 40 (6): 683-701.
146. Niwano S, Yamaura M, Yoshizawa N, Moriguchi M, Kitano Y, Aizawa Y, Izumi T. Electrophysiologic Parameters to Predict Clinical Recurrence of Ventricular Tachycardia in Patients Under Electrophysiologic Study-guided. *Jpn Circ J* 1999; 63 (9): 674-80.
147. Owada M, Aizawa Y, Kurihara K, Tanabe N, Aizaki T, Izumi T. Risk Factors and Triggers of Sudden Death in the Working Generation: An Autopsy Proven Case-control Study. *Tohoku J Experi Med* 1999; 189 (4): 245-58.
148. Aoyama N, Sasaki T, Yoshida M, Suzuki K, Matsuyama K, Aizaki T, Izumi T, Kondo R, Kamijo Y, Soma K, Ohwada T. Effect of Charcoal Hemoperfusion on Clearance of Cibenzoline Succinate (Cifenline) Poisoning. *J Toxicol Clin Toxicol* 1999; 37 (4): 505-8.
149. Izumi T. Pharmacokinetics of Olprinone During Continuous Hemodiafiltration in a Patient with Renal Failure and Congestive Heart Failure. *Ther Drug Monitor* 1999; 16 (4): 395-8.
150. Ito H, Majima M, Nakajima S, Hayashi I, Katori M, Izumi T. Effect of Prolonged Administration of a Urinary Kinase Inhibitor, Ebelactone B on the Development of Deoxycorticosterone Acetate-salts. *Brit J Pharmacol* 1999; 126: 613-20.
151. Hiramatsu S, Ogihara A, Kitano Y, Mashiko M, Iseki S, Muramatsu J, Izumi T. Clinical Outcome of Catheter Fragmentation and Aspiration Therapy in Patients with Acute Pulmonary Embolism. *J Cardiol* 1999; 34 (2): 71-8.
152. Okura Y, Takeda K, Honda S, Hanawa H, Watanabe H, Kodama M, Izumi T, Aizawa Y, Seki S, Abo T. Recombinant Murine Interleukin-12 Facilitates Induction of Cardiac Myosin-specific Type 1 Helper T cells in Rats. *Circ Res* 1998; 82: 1035-42.
153. Yazaki Y, Isobe M, Hiramitsu S, Morimoto S, Hiroe M, Omichi C, Nakano T, Saeki M, Izumi T, Sekiguchi M. Comparison of Clinical Features and Prognosis of Cardiac Sarcoidosis and Idiopathic Dilated Cardiomyopathy. *Am J Cardiol* 1998; 82 (4): 537-40.
154. Kodama M, Okura Y, Hirano S, Hanawa H, Ogawa Y, Itoh M, Izumi T, Aizawa Y. A New Scoring System to Predict the Efficacy of Steroid Therapy for Patients with Acute Myocarditis - A Retrospective Study -. *Jpn Circulation J* 1998; 62: 715-20.
155. Matsumori A, Ohashi N, Hasegawa K, Sasayama S, Eto T, Imaizumi T, Izumi T, Kawamura K, Kawana M, Kimura A, Kitabatake A, Matsuzaki M, Nagai R, Tanaka H, Hiroe M, Hori M, Inoko H, Seko Y, Sekiguchi M, Shimotohno K, Sugishita Y, Takeda N, Takihara K, Tanaka M, Yokoyama M. Hepatitis C Virus Infection and Heart Diseases: A Multicenter Study in Japan. *Jpn Circulation J* 1998; 62 (5): 389-91.
156. Hanawa H, Izumi T, Saito Y, Ochiai Y, Okura Y, Inomata T, Hirono S, Ogawa Y, Saito R, Kodama M, Higuma N, Aizawa Y.: Recovery From Complete Atrioventricular Block Caused by Idiopathic Giant Cell Myocarditis After Corticosteroid Therapy. *Jpn Circ J* 1998; 62 (3): 211-4.
157. Aizaki T, Izumi T, Kurosawa T, Shioi N, Furukawa M, Kurihara K. Sudden Cardiac Death in Japanese People Aged 20-60 Years - An Autopsy Study of 133 Cases -. *Jpn Circ J* 1997; 61 (12): 1004-10.
158. Okura Y, Yamamoto T, Goto S, Inomata T, Hirono S, Hanawa H, Feng L, Wilson CB, Kihara I, Izumi T, Shibata A, Aizawa Y, Seki S, Abo T. Characterization of Cytokine and iNOS mRNA Expression In Situ During the Course of Experimental Autoimmune Myocarditis in Rats. *J Mol Cell Cardiol* 1997; 29 (2): 491-502.
159. Matsubara T, Nakazawa M, Yoshida Y, Imai S, Suzuki K, Hori T, Konno T, Higuchi K, Tamura Y, Yamazoe M, Izumi T, Aizawa Y. Increasing Vasoconstrictor Response to Ergonovine with Oxidative Injury in Canine Coronary Artery. *Cor Art Dis* 1997; 8 (1): 1-7.
160. Hayashi S, Toyoshima H, Tanabe N, Satoh T, Miyanishi K, Seki N, Aizaki T, Aizawa Y, Izumi T, Shibata A. Activity Immediately Before the Onset of Non-fatal Myocardial Infarction and Sudden Cardiac Death. *Jpn Circulation J* 1996; 60 (12): 947-53.
161. Izumi T. Is Diabetic Heart Muscle Disease Related to Cardiac Ischemia or Autonomic Neuropathy? *Diabe Res Clin Pract* 1996; 30 (S): 77-83.
162. Watanabe K, Ochiai Y, Washizuka T, Inomata T, Miyakita Y, Shiba M, Izumi T, Shibata A, Qu YL, Nagatomo T. Clinical Evaluation of Serum Amlodipine Level in Patients with Angina Pectoris. *Gen Pharmacol* 1996; 27 (2): 205-9.

163. Inomata T, Hanawa H, Miyanishi T, Yajima E, Nakayama S, Maita T, Kodama M, Izumi T, Shibata A, Abo T. Localization of Porcine Cardiac Myosin Epitopes That Induce Experimental Autoimmune Myocarditis. *Circulation Res* 1995; 76 (5): 726-33.
164. Koyama S, Kodama M, Izumi T, Shibata A. Experimental Rat Model Representing Both Acute and Chronic Heart Failure Related Autoimmune Myocarditis. *Cardiovasc Drugs and Ther* 1995; 9 (5): 701-7.
165. Izumi T. An Ultrastructural Study on Experimental Autoimmune Myocarditis with Special Reference to Effector Cells. *Euro Heart J* 1995; 16 (S): 75-7.
166. Suzuki K, Izumi T, Iwanaga T, Fujita T, Shibata A. Multinucleated Giant Cells Undergoing Apoptosis in Experimental Autoimmune Myocarditis. *Arch Histol Cytol* 1995; 58 (2): 231-41.
167. Sakai K, Fujii H, Yamamoto T, Sakakibara J, Izumi T, Shibata A, Ono T. Tissue-specific Suppression of Aortic Fatty-acid-binding Protein in Streptozotocin-induced Diabetic Rats. *Eur J Biochem* 1995; 229 (1): 201-06.
168. Watanabe K, Izumi T, Inomata T, Miyakita Y, Masani F, Shibata A. Clustered Lipid Droplets in the Endomyocardial Biopsies From a Patient with Neuroleptic Malignant Syndrome. *Clin Cardiol* 1994; 17 (11): 623-6.
169. Izumi T. Symposium I-5 Infiltrates in Experimental Autoimmune Myocarditis. *Med Electron Microsc* 1994; 27 (3-4): 243-5.
170. Tanabe Y, Takahashi M, Momotsu T, Kuwano H, Kodama M, Tsuda T, Izumi T, Shibata A. Effect of Digoxin on Exercise Performance in Mildly Symptomatic Patients with Idiopathic Dilated Cardiomyopathy and Sinus Rhythm. *Jpn Heart J* 1994; 35 (3): 301-10.
171. Hanawa H, Kodama M, Inomata T, Izumi T, Shibata A, Tsuchida M, Matsumoto Y, Abo T. Anti- $\alpha\beta$ T Cell Receptor Antibody Prevents the Progression of Experimental Autoimmune Myocarditis. *Clin Exp Immunol* 1994; 96 (3): 470-5.
172. Saeki M, Takahashi-Iwanaga H, Iwanaga T, Fujita T, Kodama M, Hanawa H, Zhang S, Izumi T, Shibata A. Morphological Analysis of Multinucleated Giant cells Occurred in Experimental Autoimmune Myocarditis. *Tohoku J Experiment Med* 1994; 172 (3): 195-204.
173. Kodama M, Hanawa H, Zhang S, Saeki M, Koyama S, Hosono H, Miyakita Y, Katoh K, Inomata T, Izumi T. FK506 Therapy of Experimental Autoimmune Myocarditis After Onset of the Disease. *Am Heart J* 1993; 126 (6): 1385-92.
174. Zhang S, Kodama M, Hanawa H, Izumi T, Shibata A, Masani F. Effects of Cyclosporine, Prednisolone and Aspirin on Rat Autoimmune Giant Cell Myocarditis. *J Am Coll Cardiol* 1993; 21 (5): 1254-60.
175. Tsuda T, Izumi T, Kodama M, Hanawa H, Takahashi M, Suzuki M, Aizaki T, Uchiyama H, Kuwano H, Shibata A. Acute Hemodynamics of Pimobendan in Chronic Heart Failure. A Comparative Crossover Study of Captopril and Pimobendan. *Jpn Heart J* 1992; 33 (2): 193-203.
176. Matsubara T, Yamazoe M, Tamura Y, Ohshima M, Yamazaki Y, Suzuki M, Izumi T, Shibata A. Balloon Catheter with Check Valves for Experimental Relief of Acute Aortic Regurgitation. *Am Heart J* 1992; 124 (4): 1002-8.
177. Hanawa H, Kodama M, Zhang S, Izumi T, Shibata A. An Immunosuppressant Compound, FK-506, Prevents the Progression of Autoimmune Myocarditis in Rats. *Clin Immunol Immunopathol* 1992; 62 (3): 321-6.
178. Watanabe K, Hirokawa Y, Suzuki K, Masani F, Otsuka H, Izumi T, Shibata A. Risk Factors and the Effects of Xamoterol in Idiopathic Dilated Cardiomyopathy. *J Cardiol* 1992; 22 (2-3): 417-25.
179. Izumi T, Kodama M, Fujiwara M. Cardiac Muscle Cell Damage through Autoimmune Mechanism - Can Cardiac Proteins Provokes Autoimmune Myocarditis? -. *Jpn Circulation J* 1991; 55 (11): 1138-43.
180. Igarashi Y, Tamura Y, Tanabe Y, Yamazaki Y, Yamaguchi T, Fujita T, Yamazoe M, Izumi T, Shibata A. Relationship of Multivessel Coronary Spasm in Patients with Variant Angina to Disease Activity, Age, and Extent of Coronary Atherosclerosis. *Cor Art Dis* 1991; 2 (9): 985-91.
181. Izumi T, Kodama M, Shibata A. Experimental Giant Cell Myocarditis Induced by Cardiac Myosin Immunization. *Euro Heart J* 1991; 12 (Suppl): 166-8.
182. Matsubara T, Ishibashi T, Nakazawa M, Yamazoe M, Izumi T, Shibata A, Imai S. Effects of Lidocaine on Ischemic Myocardial Metabolism Assessed by ³¹P-NMR in the Isolated Perfused Rat Heart. *Jpn Heart J* 1991; 32 (4): 493-504.
183. Kodama M, Matsumoto Y, Fujiwara M, Zhang S, Hanawa H, Itoh E, Tsuda T, Izumi T, Shibata A. Characteristics of Giant Cells and Factors Related to the Formation of Giant Cells in Myocarditis. *Circulation Res* 1991; 69 (4): 1042-50.
184. Izumi T, Masani F, Miura S, Sasagawa Y, Kodama M, Okabe M, Tsuda T, Shibata A. Juvenile Cases of Restrictive Cardiomyopathy Without Eosinophilia. *Heart Vessels* 1990; 5: 77-9.

185. Kodama M, Izumi T, Shibata A. Experimental Autoimmune Myocarditis of Rats Induced by Immunization with Cardiac Myosin: In Vivo Evidence of Cell-mediated Myocardial Injury. *J Moll Cell Cardiol* 1990; 22 (24): 24.
186. Masani F., Aizawa Y., Izumi T, Shibata A. An Ultrastructural Study on Arrhythmogenic Right Ventricular Dysplasia with Special Reference to Lipid Droplets. *Heart Vessels* 1990; 5: 55-8.
187. Hattori A, Nagai T, Izumi T, Kojima T, Nagayama R, Kimura M, Ojima K, Hanano M, Mito M, Shibata A. Exercise-Induced Platelet Shape Change and Its Suppression by Trepidil in Normal Subjects. *Acta Medica et Biologica* 1990; 38 (1): 9-17.
188. Hirota Y, Shimizu G, Kita Y, Nakayama Y, Suwa M, Kawamura K, Nagata S, Sawayama T, Izumi T, Nakano T, Toshima H, Sekiguchi M. Spectrum of Restrictive Cardiomyopathy: Report of the National Survey in Japan. *Am Heart J* 1990; 120 (1): 188-94.
189. Matsubara T, Yamazoe M, Tamura Y, Igarashi Y, Izumi T, Shibata A. Angioscopic study of the antithrombotic effect of a new selective thromboxane A₂ synthetase inhibitor, CV-4151, on experimental arterial thrombi. *Am Heart J* 1989; 18 (4): 837-40.
190. Tamura Y, Yamazoe M, Matsubara T, Igarashi Y, Izumi T, Shibata A, Hayashi S, Toyoshima H, Saito Y, Makino H. Recanalization of Experimental Thrombotic Arterial Occlusion by Radiofrequency Thermal Angioplasty: An Angioscopic Observation. *Tohoku J Experi Med* 1989; 158 (4): 291-9.
191. Izumi T, B Maisch, K Kochsiek. Experimental Murine Myocarditis After Immunization with Cardiac Membranous Proteins. *Euro Heart J* 1987; 8 (Suppl): 419-24.
192. Ito S, Suzuki T, Izumi T, Momotsu T, Isemura S, Saitoh E, Sanada K, Shibata A. Intracellular Localization of Salivary Peptide P-C-like Immunoreactivity in the Human Pancreatic B-cells. *Acta Endocrinol* 1985; 108: 119-29.
193. Izumi T, Yamazoe M, Shibata A. Three-Dimensional Characteristics of the Intramyocardial Microvasculature of Hypertrophied Human Hearts. *J Mol Cell Cardiol* 1984; 16(5):449-57.
194. Fukuda J, Izumi T, Matsukawa T, Eguchi S. Development of Left Ventricular Muscle in Tetralogy of Fallot. *Jpn Circulation J* 1984; 48 (5): 465-73.
195. Izumi T. Myofiber Branching in Idiopathic Cardiomyopathy under the Scanning Electron Microscope. *Jpn Circulation J* 1982; 46 (5): 443-9.
196. Miura K, Izumi T, Fukuda J, Yamazoe M, Tamura K. Glycogen Aggregates in Cardiac Muscle Cell: A Cytopathological Study on Endomyocardial Biopsies. *Arch Histol Jpn* 1982; 45 (4): 347-54.
197. Izumi T, Shibata A, Fukuda J. Demonstration of Small Blood Vessels in Human Cardiac Muscle under the Scanning Electron Microscope. *J Clin Electron Microscopy* 1982; 15 (3-4): 293-303.
198. Izumi T, Miura K, Hattori A. Myofiber Branching in Hypertrophic Human Heart. *Biomed Res* 1981; 2 (Suppl): 265-71.
199. Izumi T, Miura K, Hattori A, Tamura K. Z Band Abnormality Characterized by Interwoven Structure in Human Cardiac Muscle. *Arch Histol Jpn* 1980; 43 (5): 401-9.
200. Izumi T, Miura K, Hattori A, Tamura K, Shibata A, Fukuda J, Sakashita I. Hypertrophic Cells in Cardiac Muscles: A Study on Myocardial Biopsies. *J Clin Electron Microscopy* 1979; 12 (3-4): 421-34.
201. Tamura K, Higuma N, Bannai S, Aoyagi R, Izumi T, Matsuoka M, Eguchi S. Coronary Circulation, Myocardial Metabolism and Hemodynamics of Pacing-induced Angina. *Recent Advances in Studies on Cardiac Structure and Metabolism* 1978; 12: 265-70.
202. Izumi T, Hattori A, Higuma N, Tamura K. Cardiac Myofibril Disorientation and Z Band Abnormalities in Idiopathic Cardiomyopathy, An Electron Microscope Study. *Arch Histol Jpn* 1978; 41 (4): 293-308.
203. Hattori A, Watanabe T, Izumi T. Scanning Electron Microscope Study on Hemostatic Reaction. Mural Thrombus after the Removal of Endothelium, with Special References to Platelet Behavior, Site of Fibrin Formation and Microhemolysis. *Arch Histol Jpn* 1978; 41 (3): 205-27.

Case Reports

1. Sasaki T, Kurosawa T, Yamaguchi H, Yanagisawa T, Arikawa A, Takemura H, Ikeda Y, Izumi T. Myocardial Infarction in a Premenopausal Woman with a Decreased Serum Estrogen Level due to Leuprorelin Acetate. *J Cardiol Cases* 2010; 1 (3): 171-5.
2. Takeuchi I, Imaki R, Inomata T, Soma K, Izumi T. MRI is Useful for Diagnosis of H1N1 Fulminant Myocarditis. *Circulation J* 2010; 74 (12): 2758-9.
3. Takehana H, Inomata T, Kuwano S, Nakahata J, Sasaki T, Nishii M, Kurokawa S, Izumi T. Recurrent Fulminant Viral Myocarditis With a Short Clinical Course. *Circulation J* 2003; 67 (7): 646-8.
4. Fukuda N, Kurokawa S, Maeda K, Iseki S, Takahashi M, Niwano H, Nakazato K, Niwano S, Kurosawa T, Izumi T. A Young Girl with Vasospastic Angina Associated with Mutation in Endothelial Nitric Oxide Synthase Gene. A Case Report. *Angiol* 2003; 54 (2): 233-7.
5. Yoshida T, Niwano S, Izumi T. Arrhythmogenic Giant Submitral Left Ventricular Diverticulum. *Heart* 2002; 88 (52): 52.
6. Kohno K, Aoyama N, Shimohama T, Yoshida M, Machida Y, Fukuda N, Aizaki T, Suzuki K, Kurosawa T, Izumi T. Resuscitation From Fulminant Myocarditis Associated With Refractory Ventricular Fibrillation. *Jpn Circulation J* 2000; 64 (2): 139-43.
7. Sasaoka T, Ohguri H, Makita Y, Kurokawa S, Izumi T. Double-orifice Mitral Valve in an Elderly Patient with Tetralogy of Fallot. *Jpn Heart J* 1996; 37 (4): 503-7.
8. Okura Y, Kato K, Hanawa H, Izumi T, Kamishima T, Yamato Y, Emura I, Shibata A. Pericardial Mesothelioma Secreting Thrombomodulin. *Am Heart J* 1996; 132 (6): 1309-11.
9. Saeki M, Kitazawa H, Kodama M, Izumi T, Shibata A, Kido S, Masani F. Images in Cardiovascular Medicine. Cardiac Sarcoidosis. 67Ga Imaging and Histology. *Circulation* 1995; 91 (9): 2497-8.
10. Watanabe K, Izumi T, Natsui M, Matsubara N, Miyakita Y, Koyama S, Inomata T, Suzuki M, Shibata A. Dystrophin Negative Skeletal and Myocardial Muscle Cells in a Carrier of Duchenne's Muscular Dystrophy. *Euro Heart J* 1993; 14 (7): 989-92.
11. Koyama S, Matsubara T, Aizawa Y, Ohshima M, Yamaguchi T, Yamazaki Y, Igarashi Y, Tamura Y, Yamazoe M, Izumi T et al. A Case of Vasovagal Syncope with Convulsions--the Effects of Midodrine Hydrochloride. *Jpn Circulation J* 1992; 56 (9): 950-4.
12. Tanabe Y, Takahashi M, Kuwano H, Izumi T, Shibata A, Oda E, Nakayama K, Okazaki H, Eguchi S. Long-term Fate of Isolated Congenital Absent Pulmonary Valve. *Am Heart J* 1992; 124 (2): 526-9.
13. Obata A, Izumi T, Saitoh Y, Tanabe Y, Yokoyama A, Sasagawa Y, Tsuda T, Kakihara T, Ohnishi Y, Shibata A. Hypereosinophilic Syndrome Associated with Obliterative Left Ventricular Chamber and Systemic Obliterative Arteriosclerosis. *Jpn Heart J* 1991; 32 (5): 723-30.
14. Tamura Y, Onodera O, Kodera K, Igarashi Y, Miida T, Aizawa Y., Izumi T, Shibata A, Takano S. Atrial Standstill After Treadmill Exercise Test and Unique Response to Isoproterenol Infusion in Recurrent Postexercise Syncope. *Am J Cardiol* 1990; 65: 533-5.
15. Matsubara T, Yamazoe M, Koike T, Izumi T, Shibata A. A case of Atrial Septal Defect Combined with Hypertension and Left Ventricular Hypertrophy Left Ventricular by Balloon Occlusion and the Effect of Nifedipine. *Jpn Heart J* 1989; 30 (1): 103-7.
16. Izumi T, Matsuoka A, Nagai K, Tsuda T, Arai Y, Shibata A, Ohtani S, Eguchi S. Massive Lipomatous Infiltration to the Left Ventricle Mimicking a Cardiac Tumor. *Jpn Heart J* 1986; 27 (2): 273-7.
17. Yamazoe M, Hoshino Y, Toeda T, Oda H, Izumi T, Arai Y, Shibata A, Makino H, Saitoh Y. Evaluation of Left Ventricular Residual Function Using Postextrasystolic Potentiation. *Jpn Heart J* 1986; 27 (6): 797-811.
18. Shibuya T, Kimura M, Oda E, Aizawa Y, Izumi T, Ozawa T, Shibata A. Ventricular Arrhythmia with Postural Dependency. *Electrocardiol* 1985; 18 (3): 303-8.

Reviews

1. Izumi T, Takehana H, Kohno K, Nishii M, Takeuchi I, Nakano H, Koitabashi T, Inomata T. Myosin Autoreactive T cells and Autoimmune Myocarditis. Lessons from the Disease Caused by Cardiac Myosin Peptide CM2. *Cardiomyopathies and Heart Failure*. 2003; 59-65.
2. Izumi T, Kohno K, Inomata T, Takagaki Y. Myocarditogenic Epitopes and Autoimmune Myocarditis. *Int Med* 2003; 42 (1): 3-6.
3. Izumi T, Aoyama N, Nishii M, Takehana H, Masuda C, Kohno K, Nakahata J, Inomata T. Fulminant Myocarditis - From Lethal Disease to Survival. *Frontiers in Cardiovascular Health*. 2003; 159-69.
4. Aoyama N, Izumi T. Fulminant Myocarditis. *The Cardiomyopathies and Myocarditis*. 2002.
5. Kodama M, Okura Y, Aizawa Y, Izumi T. Animal Models of Autoimmune Myocarditis. *Mayo Acad Press* 2002; 8: 197-214.
6. Izumi T. Beta Blocker Therapy in Chronic Heart Failure - Which When and How? -. *Asian Med J* 2000; 43 (9): 418-24.
7. Izumi T. Experimental Autoimmune Myocarditis and its Pathomechanism. *Herz* 2000; 25 (3): 274-8.
8. Izumi T. Total Abstinence and Alcoholic Heart Muscle Disease: Prognosis and Treatment. *Cardiomyopathies and Myocarditis*. 1994; 331-40.
9. Izumi T. Structural Balance Between Left Ventricular Wall Thickness and Myocardial Cell Diameter in Dilated Cardiomyopathy. *The Adapted Heart*. 1994; 15-26.
10. Izumi T. Morphologic Aspects of Experimental Autoimmune Myocarditis. *The Cardiomyopathy Heart* 1994; 30: 293-8.
11. Izumi T, Hanawa H, Saeki M, Kodama M. Cardiac Contractile Proteins and Autoimmune Myocarditis. *Mol Cell Biochem* 1993; 119 (1-2): 67-71.
12. Maisch B, Herzum M, Izumi T, Nunoda S. Importance of Humoral and Cellular Immunological Parameters for the Pathogenesis of Viral Myocarditis. *New Concepts in Viral Heart Disease*. 1988; 259-73.
13. Sekiguchi M, Hiroe M, Hiramitsu S, Izumi T. Natural History of Acute Viral or Idiopathic Myocarditis: A Clinical and Endomyocardial Biopsy Follow-up. *New Concepts in Viral Heart Disease*. 1988; 35-50.
14. Maisch B, Büschel G, Izumi T, Egle P, Regitz V, Deeg P, Pfeifer U, Schmaltz A, Herzum M, Liebau G, Kochsiek K. Four Years of Experience in Endomyocardial Biopsy - An Immunohistologic Approach. *Heart Vessels* 1985; 1 (Suppl): 59-67.
15. Maisch B, Izumi T. Cardiomyopathy and Myocarditis - A Review of New Aspects in Research in West Germany. *Heart Vessels* 1985; 1 (Suppl): 8-13.