Volumes Contents

VOLUME 55, ISSUE 1 January 2010

Reviews
Catheter ablation of atrial fibrillation guided by complex fractionated atrial electrogram mapping of atrial fibrillation substrate. K. Nademanee, E. Lockwood, N. Oketani, B. Gidney


Original Articles
Concentric left ventricular hypertrophy brings deterioration of systolic longitudinal, circumferential, and radial myocardial deformation in hypertensive patients with preserved left ventricular pump function. Y. Mizuguchi, Y. Oishi, H. Miyoshi, A. Iuchi, N. Nagase, T. Oki


Detection of coronary artery disease using delayed strain imaging at 5 min after the termination of exercise stress: Head to head comparison with conventional treadmill stress echocardiography. T. Takagi, A. Takagi, J. Yoshikawa

Novel therapeutic option for refractory heart failure in elderly patients with chronic kidney disease by incremental peritoneal dialysis. M. Nakayama, H. Nakano, M. Nakayama


Colestimide, an anion exchange resin agent, can decrease the number of LDL particles without affecting their size in patients with hyperlipidemia. N. Kishimoto, S. Fujii, H. Chiba, I. Sakuma, H. Tsutsui


doi:10.1016/S0914-5087(10)00190-5
Relationship between sleep apnea syndrome and sleep blood pressure in patients without hypertension.  
92

Serum beta2-microglobulin concentration as a novel marker to distinguish levels of risk in acute heart failure patients.  
99

Heart failure with preserved versus reduced left ventricular systolic function: A prospective cohort of Shinken Database 2004—2005  
108

Case Reports

Unusual dominant course of left circumflex coronary artery to right coronary artery territory with absent right coronary artery.  
117

A young adult who had undergone coronary artery bypass grafting and abdominal aortic replacement with prosthetic vessel later after incomplete Kawasaki disease.  
Y. Wakisaka, E. Tsuda, T. Asakura  
120

Hemolytic anemia in a patient with hypertrophic obstructive cardiomyopathy.  
T. Kubo, H. Kitaoka, Y. Terauchi, S. Tamura, M. Okawa, N. Yamasaki, T. Yabe, Y.L. Doi  
125

A case of pulmonary stenosis after a repair for tetralogy of Fallot treated with percutaneous pulmonary valvuloplasty using a triple-balloon technique.  
130

Bare metal stent implantation for in-stent restenosis with a drug-eluting stent.  
H. Matsuoka, H. Kawakami, A. Ohshita, T. Kohno, S. Shigemi, H. Okayama, J. Higaki  
135

A unique iatrogenic organized left atrial tachycardia with a gap conduction in previously ablated lesions.  
S. Nakahara, M. Seino, Y. Sakai, K. Takayanagi  
139

Visualization of traumatic tricuspid insufficiency by three-dimensional echocardiography.  
143

Sirolimus-eluting stent implantation for ostial stenosis of left main coronary artery after Bentall operation in aortitis syndrome.  
A. Terasawa, K. Kondo, S. Ishikawa, R. Morimoto, T. Tajika, Y. Hayashi  
147

Letter to the Editor

A case of spontaneous coronary artery dissection who had high titer of anticardiolipin antibody (IgM) treated by emergent surgery.  
T. Celik, A. Iyisoy, F. Cingoz  
151

VOLUME 55, ISSUE 2  
March 2010

Reviews

Exploring new indications for statins beyond atherosclerosis: Successes and setbacks.  
D.D. Waters  
155

Generator-produced rubidium-82 positron emission tomography myocardial perfusion imaging—From basic aspects to clinical applications.  
K. Yoshinaga, R. Klein and N. Tamaki  
163

Original Articles

Efficacy of N-acetylcysteine and aminophylline in preventing contrast-induced nephropathy.  
T. Kinbara, T. Hayano, N. Ohtani, Y. Furutani, K. Moritani and M. Matsuzaki  
174

Treatment of non-left main bifurcation lesions using the sirolimus-eluting stent: A comparison of chronic outcomes of cross-over single stenting and crush stenting.  
Y. Uchida, K. Wagatsuma and J. Yamazaki  
180
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficacy of thrombectomy for acute myocardial infarction—Special focus on its efficacy according to different infarct-related arteries.</td>
<td>K. Jo, Y. Nakamura, T. Inoue, K. Tanaga and A. Miyazaki</td>
</tr>
<tr>
<td>Factors contributing to left atrial enlargement in adults with normal left ventricular systolic function.</td>
<td>T. Katayama, N. Fujiwara and Y. Tsuruya</td>
</tr>
<tr>
<td>Association of the manganese superoxide dismutase polymorphism with vasospastic angina pectoris.</td>
<td>H. Fujimoto, H. Kobayashi, K. Ogasawara, M. Yamakado and M. Ohno</td>
</tr>
<tr>
<td>Usefulness of rotational atherectomy for the implantation of drug-eluting stents in the calcified lesions of hemodialysis patients.</td>
<td>H. Fujimoto, S. Ishiwata, T. Yamaguchi and M. Ohno</td>
</tr>
<tr>
<td>Comprehensive evaluation of the apex beat using 64-slice computed tomography: Impact of left ventricular mass and distance to chest wall.</td>
<td>S. Ehara, T. Okuyama, N. Shirai, H. Oe, Y. Matsumura, K. Sugioka, T. Itoh, K. Otani, T. Hozumi, M. Yoshiyama and J. Yoshikawa</td>
</tr>
</tbody>
</table>

**Letter to the Editor**

Ambient weather conditions and the onset of acute myocardial infarction: The consociation between triggering factors and conventional risk factors. T.C. Turin, N. Rumana, Y. Kita, Y. Nakamura, K. Miura and H. Ueshima

**Retraction Notice**

Reviews
Effects of statin and lipoprotein metabolism in heart failure. S.-i. Miura, K. Saku
Oral sildenafil: Potential role in heart transplantation. Review of the literature and personal experience. F. Sansone, M. Rinaldi

Original Articles
Design and rationale of a study in Asia of atorvastatin pretreatment in patients undergoing percutaneous coronary intervention for non-ST elevation acute coronary syndromes. J. Ge, Y.-J. Kim, Y.-S. Jang, J. Zhu, I.C. Marschner, W. Lam
Longitudinal Doppler strain measurement for assessment of damaged and/or hibernating myocardium by dobutamine stress echocardiography in patients with old myocardial infarction. H. Fujimoto, H. Honma, T. Ohno, K. Mizuno, S. Kumita
Estimated glomerular filtration rate is an independent predictor for mortality of patients with acute heart failure. A. Takagi, Y. Iwama, A. Yamada, K. Aihara, H. Daida
Efficacy of linear block at the left atrial roof in atrial fibrillation. M. Senga, E. Fujii, S. Sugiura, S. Yamazato, E. Sugiura, M. Nakamura, M. Miyahara, M. Ito
A flow-limiting stenosis is the major determinant of exercise-induced myocardial stunning in patients with coronary artery disease. H. Tanaka, T. Chikamori, N. Tanaka, S. Hida, N. Shindo, Y. Igarashi, A. Yamashina
Coronary abnormal response has increased in Japanese patients: Analysis of 17 years’ spasm provocation tests in 2093 cases. S. Sueda, H. Kohno, A. Oshita, H. Fukuda, T. Kondou, K. Yano, T. Ochi, T. Uraoka
Impact of anticoagulant therapy with dual antiplatelet therapy on prognosis after treatment with drug-eluting coronary stents. Y. Uchida, F. Mori, H. Ogawa, A. Takagi, N. Hagiwara
Clinical characteristics in patients showing ischemic electrocardiographic changes during adenosine triphosphate loading single-photon emission computed tomography. Y. Ohtaki, T. Chikamori, S. Hida, H. Tanaka, Y. Igarashi, T. Hatano, Y. Usui, M. Miyagi, A. Yamashina
Erratum

VOLUME 56, ISSUE 1 July 2010

Reviews
Current management of acute myocardial infarction: Experience from the Korea Acute Myocardial Infarction Registry. D.S. Sim, M.H. Jeong, J.C. Kang

Pathophysiology of acute coronary syndrome assessed by optical coherence tomography. T. Akasaka, T. Kubo, M. Mizukoshi, A. Tanaka, H. Kitabata, T. Tanimoto, T. Imanishi

Original Articles


Influence of the severity of obstructive sleep apnea on heart rate. Y. Kawano, A. Tamura, T. Watanabe, J. Kadota

What variables were associated with the inducibility of ventricular fibrillation during electrophysiologic stimulation test in patients without apparent organic heart disease? N. Sugi, A. Shimizu, T. Ueyama, Y. Yoshiga, M. Doi, T. Ohmiya, M. Ohno, M. Yoshida, M. Matsuzaki

Differences in left ventricular dyssynchrony between high septal pacing and apical pacing in patients with normal left ventricular systolic function. H. Yoshikawa, M. Suzuki, N. Tezuka, T. Otsuka, K. Sugi

Relation between prognosis and myocardial perfusion imaging from the difference of end-point criterion for exercise stress testing: A sub-analysis of the J-ACCESS study. T. Muramatsu, S. Nishimura, A. Yamashina, T. Nishimura, for the J-ACCESS Investigators


Effectiveness of a portable device and the need for treatment of mild-to-moderate obstructive sleep-disordered breathing in patients with cardiovascular disease. N. Takama, M. Kurabayashi


Correlation between plasma B-type natriuretic peptide levels and left ventricular diastolic function using color kinetic imaging. M. Harada, F. Hara, J. Yamazaki

Rationale and design of the NAGOYA HEART Study: Comparison between valsartan and amlodipine regarding morbidity and mortality in patients with hypertension and glucose intolerance. K. Matsushita, T. Muramatsu, T. Kondo, K. Maeda, S. Shintani, T. Murohara, on behalf of the NAGOYA HEART Study Group 111


VOLUME 56, ISSUE 2 September 2010

REVIEWS
Current concepts in mitral valve prolapse—Diagnosis and management. P.M. Shah 125
Patent foramen ovale and stroke. S. Homma, M.R. Di Tullio 134

Short Communication

Original Articles
Mean platelet volume is associated with insulin resistance in non-obese, non-diabetic patients with coronary artery disease. E. Varol, S. Akcay, M. Ozaydin, D. Erdogan, A. Dogan, A. Altinbas 154
Soluble lectin-like oxidized LDL receptor-1 (sLOX-1) as a sensitive and specific biomarker for acute coronary syndrome—Comparison with other biomarkers. N. Kume, H. Mitsuoka, K. Hayashida, M. Tanaka, G. Kominami, T. Kita 159
Long-term β-blocker therapy improves diastolic function even without the therapeutic effect on systolic function in patients with reduced ejection fraction. S. Tamaki, Y. Sakata, T. Mano, T. Ohtani, Y. Takeda, D. Kamimura, Y. Omori, K. Yamamoto 176
Complications of pediatric cardiac catheterization and system of catheterization laboratories minimizing complications—A Japanese multicenter survey. Y. Mori, M. Nakazawa, T. Yagihara 183
Heart rate on admission is an independent risk factor for poor cardiac function and in-hospital death after acute myocardial infarction. T. Honda, H. Kanazawa, H. Koga, Y. Miyao, K. Fujimoto 197


Association between coronary spastic angina pectoris and obstructive sleep apnea. A. Tamura, Y. Kawano, S. Ando, T. Watanabe, J. Kadota


VOLUME 56, ISSUE 3 November 2010

Reviews
Management of valvular mitral regurgitation: The importance of risk stratification. R. Rosenhek, G. Maurer 255

Roles of atrial natriuretic peptide and its therapeutic use
Y. Saito 262

Original Articles
Test-re-test reproducibility of Doppler echocardiography for assessment of electromechanical dyssynchrony: Implications for heart failure clinic. V. Palmieri, C. Russo, A. Buonomo, G. Cimmino, D. Tartaglione, S. Pezzullo, A. Celentano 271


Clinical and laboratory characteristics in patients with acute myocardial infarction due to occlusive vasospasm. W. Kim, J.S. Cho, Y.J. Hong, Y. Ahn, M.H. Jeong

Arterial blood pressure in adult Nigerians with sickle cell anemia. N.I. Oguanobi, B.J.C. Onwubere, O.G. Ibegbulam, S.O. Ike, B.C. Anisiuba, E.C. Ejim, O. Agwu

Left ventricular untwisting during left atrial contraction: A marker for chronic left ventricular diastolic dysfunction? Y. Mizuguchi, Y. Oishi, H. Miyoshi, A. Iuchi, N. Nagase, T. Oki


Left atrial volume index as a predictor for occurrence of atrial fibrillation after ablation of typical atrial flutter. Y.-S. Lee, D.W. Hyun, B.C. Jung, Y.K. Cho, S.H. Lee, D.G. Shin, H.S. Park, S.W. Han, Y.N. Kim, KTK Cardiac Electrophysiology Working Group


Waon therapy mobilizes CD34+ cells and improves peripheral arterial disease. T. Shinsato, M. Miyata, T. Kubozono, Y. Ikeda, S. Fujita, S. Kuwahata, Y. Akasaki, S. Hamasaki, H. Fujiwara, C. Tei