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Supplementary File

Clinical Characteristics and Contemporary Management of Patients With Cardiomyopathies in Japan

— Report From a National Registry of Clinical Personal Records —

Nobuyuki Enzan, MD; Shouji Matsushima, MD, PhD; Tomomi Ide, MD, PhD;
Hidetaka Kaku, MD; Takeshi Tohyama, MD, PhD; Kouta Funakoshi, MD; Taiki Higo, MD;
Hiroyuki Tsutsui, MD, PhD for the Research Group of Idiopathic Cardiomyopathy

Supplementary Table. Patient Characteristics of This Registry and the ESC Registry

Variables	DCM		HCM		RCM	
	Japan (n=40537)	ESC (n=1260)	Japan (n=3553)	ESC (n=1739)	Japan (n=46)	ESC (n=66)
Enrollment year	2003-2014	2012-2016	2009-2014	2012-2016	2009-2014	2012-2016
Demographics						
Age at enrollment, median (IQR)	59 (49-68)	55 (45-63)	64 (53-73)	55 (42-65)	54 (41-68)	60 (44-69)
Age at diagnosis, median (IQR)	54 (44-63)	49 (40-58)	55 (42-64)	47 (33-59)	42 (28-63)	57 (37-68)
Male	30230 (74.6)	935 (74.2)	2087 (58.7)	1028 (59.1)	28 (60.9)	32 (48.5)
Family history of SCD	405 (2.5)	132 (11.9)	231 (6.5)	350 (21.1)	-	8 (13.3)
NYHA class						
Class I	9084 (23.8)	198 (18.9)	873 (27.1)	463 (32.7)	2 (4.7)	11 (17.5)
Class II	18845 (49.3)	448 (42.7)	1986 (61.6)	707 (49.9)	16 (37.2)	26 (41.3)
Class III	7649 (20.0)	316 (30.1)	319 (9.9)	228 (16.1)	17 (39.5)	25 (39.7)
Class IV	2628 (6.9)	87 (8.3)	45 (1.4)	19 (1.3)	8 (18.6)	1 (1.6)
Arrhythmia						
Atrial fibrillation	9218 (22.7)	356 (28.3)	971 (27.3)	463 (26.6)	23 (50.0)	32 (48.5)
Ventricular arrhythmia/cardiac arrest	-	61 (4.8)	816 (23.0)	49 (2.8)*	-	3 (4.5)
Echocardiogram						
LVDd	60.2 ± 9.6	64.2 ± 9.8	46.1 ± 8.8	45.4 ± 6.9	47.4 ± 9.4	46.6 ± 8.6
LVEF	38.0 ± 15.0	32.5 ± 11.8	62.5 ± 15.6	62.2 ± 11.4	55.2 ± 15.4	53.8 ± 10.4
Maximum LV thickness	10.0 ± 2.2	10.4 ± 2.1	18.9 ± 5.8	19.7 ± 5.0	11.3 ± 4.9	15.1 ± 4.4
Procedures prior to enrollment						
Pacemaker implanted	1012 (2.5)	177 (14.3)	180 (5.1)	135 (7.8)	3 (6.5)	8 (12.3)
Septal myectomy	-	-	45 (1.3)	85 (4.9)	-	-

Alcohol septal ablation	-	-	4 (0.1)	70 (4.0)	-	-
Medications						
Beta-blockers	28069 (69.2)	1130 (89.7)	1989 (56.8)	1294 (74.4)	27 (64.3)	42 (63.6)
Diuretics, oral	27905 (71.7)	89.5 (71.8)	1058 (29.8)	491 (31.4)	15 (32.6)	53 (85.5)
ACEi	15683 (38.7)	917 (72.8)	530 (14.9)	342 (19.7)	13 (28.3)	15 (22.7)
ARB	15699 (38.7)	210 (16.7)	1306 (36.8)	265 (15.2)	15 (32.6)	7 (10.6)
Mineralocorticoid receptor antagonists	12734 (31.4)	795 (63.1)	554 (15.6)	233 (13.4)	10 (21.7)	30 (45.5)
Antiarrhythmic drugs	7834 (19.3)	361 (28.7)	1470 (41.4)	264 (15.2)	6 (13.0)	12 (18.2)

* The ESC registry includes “resuscitated” ventricular fibrillation/cardiac arrest. In the clinical personal record, this variable does not necessitate resuscitation effort.

Data are shown as n (percent), means \pm SD, or median (IQR) otherwise specified.

DCM, dilated cardiomyopathy; HCM, hypertrophic cardiomyopathy; RCM, restrictive cardiomyopathy; ESC, European Society of Cardiology; SCD, sudden cardiac death; NYHA, New York Heart Association; LVDd, left ventricular diastolic diameter; LVEF, left ventricular ejection fraction; LV, left ventricular; ACEi, angiotensin-converting-enzyme inhibitor; ARB, angiotensin-receptor-blocker; MRA, mineralocorticoid receptor antagonist.

The Research Group of Idiopathic Cardiomyopathy

Department of Cardiovascular Medicine, Faculty of Medical Sciences, Kyushu University: Ichiro Sakamoto, M.D., Toru Hashimoto, M.D., Ph.D., Takeo Fujino, M.D., Ph.D., Shintaro Kinugawa., M.D., Ph.D.

Department of Cardiovascular Surgery, Kyushu University Hospital: Akira Shiose, M.D., Ph.D.

Department of Cardiovascular Medicine, Hokkaido University Graduate School of Medicine: Toshiyuki Nagai, M.D., Ph.D., Toshihisa Anzai, M.D., Ph.D.

Department of Cardiovascular and Thoracic Surgery, Hokkaido University Graduate School of Medicine: Satoru Wakasa, M.D., Ph.D.

Division of Cardiovascular Surgery, Tohoku University Graduate School of Medicine: Yoshikatsu Saiki, M.D., Ph.D.

Department of Cardiology, Pulmonology, and Nephrology, Yamagata University Faculty of Medicine: Wanezaki Masahiro, M.D., Ph.D., Masafumi Watanabe, M.D., Ph.D.

Department of Cardiovascular Medicine, Fukushima Medical University: Akiomi Yoshihisa, M.D., Ph.D., Yasuchika Takeishi, M.D., Ph.D.

International University of Health and Welfare Graduate School: Hiroaki Shimokawa, M.D., Ph.D.

Department of Cardiovascular Medicine, Graduate School of Medicine, The University of Tokyo: Katsura Soma, M.D., Ph.D., Masaru Hatano, M.D., Ph.D., Issei Komuro, M.D., Ph.D.

Department of Cardiovascular Medicine, The University of Tokyo Hospital: Atsushi Yao, M.D., Ph.D.

Department of Cardiac Surgery, Graduate School of Medicine, The University of Tokyo: Minoru Ono, M.D., Ph.D.

Department of Cardiovascular Surgery, Chiba University Graduate School of Medicine: Goro Matsumiya, M.D., Ph.D.

Department of Cardiology, Keio University School of Medicine: Shun Kohsaka, M.D., Ph.D., Keiichi Fukuda, M.D., Ph.D.

Division of Cardiology, Department of Internal Medicine, The Jikei University School of Medicine: Makoto Kawai, M.D., Ph.D., Michihiro Yoshimura, M.D., Ph.D.

Department of Cardiology, Nagoya University Graduate School of Medicine: Takahiro Okumura, M.D., Ph.D., Toyoaki Murohara, M.D., Ph.D.

Department of Cardiac Surgery, Nagoya University Graduate School of Medicine: Akihiko Usui, M.D., Ph.D.

Department of Cardiovascular Medicine, Kanazawa University Graduate School of Medical Sciences: Akihiro Nomura, M.D., Ph.D., Noboru Fujino, M.D., Ph.D.

Department of Cardiovascular Medicine, Kyoto University Graduate School of Medicine: Takeru Makiyama, M.D., Ph.D., Takeshi Kimura, M.D., Ph.D.

Department of Cardiovascular Medicine, Osaka University Graduate School of Medicine: Tomohito Ohtani, M.D., Ph.D., Yasushi Sakata, M.D., Ph.D.

Department of Cardiovascular Surgery Osaka University Graduate School of Medicine: Yoshiki Sawa, M.D., Ph.D.

Department of Cardiovascular Medicine, National Cerebral and Cardiovascular Center: Atsushi Okada, M.D., Ph.D., Chisato Izumi, M.D., Ph.D.

Department of Clinical Research and Development, National Cerebral and Cardiovascular Center: Masafumi Kitakaze, M.D., Ph.D.

Department of Obstetrics and Gynecology, National Cerebral and Cardiovascular Center: Chizuko A Kamiya, M.D., Ph.D., Jun Yoshimatsu, M.D., Ph.D.

Department of Cardiovascular Medicine, Nara Medical University: Kenji Onoue, M.D., Ph.D., Yoshihiko Saito, M.D., Ph.D.

Department of Cardiology and Geriatrics, Kochi Medical School, Kochi University: Toru Kubo, M.D., Ph.D., Hiroaki Kitaoka, M.D., Ph.D.

Department of Pediatrics, Kagoshima Medical Center: Masao Yoshinaga, M.D., Ph.D., Yuji Tanaka, M.D., Ph.D.