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Program at a Glance

[Day 1] July 18 (Sat.), 2026 Makuhari Messe

	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Room1 International Conference Hall 2F Convention Hall A	Opening Ceremony	8:30~10:00 Symposium 1 From “Support” to “Connection”: The Synergy of Cardiac Rehabilitation and Social Prescribing Chairs : Yutaka Kimura Masataka Sata				10:50~11:50 Keynote Lecture 1 Cardiac Rehabilitation and ICF (International Classification of Functioning, Disability and Health) Chair : Shigeru Makita Speaker : Emiko Oikawa				
Room8 International Conference Hall 3F 304		8:30~9:40 AsiaPrevent and English Session Oral 1 Exercise Therapy & Rehabilitation Chairs : Saari Mohamad Yatim Ssu-Yuan Chen	9:40~10:50 AsiaPrevent and English Session Oral 2 CPX & Physiology Chairs : Ngai Yin Chan Junichi Funada		10:50~12:00 AsiaPrevent and English Session Oral 3 Pathophysiology & Biomarkers Chairs : Kazuhisa Kaneda Shinji Sato		12:10~13:10 Board Member Meeting			
Poster Room 1F International Exhibition Hall 8	8:30~10:00 Poster Mounting			10:00~13:25 Poster Viewing						

Program at a Glance

[Day 2] July 19 (Sun.), 2026 Makuhari Messe

	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00
Room1 International Conference Hall 2F Convention Hall A				9:40~11:10 Panel Discussion 12 Leave no one behind! Toward inclusive cardiac rehabilitation: Practical comprehensive support for socially vulnerable patients Chairs : Ryuji Nohara Toshimi Ikegame				11:45~12:45 Keynote Lecture 3 Cardio-Oncology Rehabilitation: The Next Frontier For Cardiac Rehabilitation Programs Chair : Tetsuya Takahashi Speaker : Peter H. Brubaker, Ph.D.		
Room8 International Conference Hall 3F 304				9:40~11:00 AsiaPREvent Expert Lecture Evidence and Practice of Exercise Intensity in Cardiac Rehabilitation Chairs : Yasuhiko Sakata Yutaka Kimura		11:00~12:30 TACVPR-JACR Joint Symposium Shared Perspectives on Cardiac Rehabilitation Chairs : Ko-Long Lin Yoshihiro Fukumoto		Award Ceremony		
Poster Room 1F International Exhibition Hall 8				9:30~17:30 Poster Viewing						

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
		13:25~14:05  Presidential Lecture Chair : Masahiro Kohzuki Speaker : Toshiko Yoshida				15:35~16:35  Symposium 2 Improving the Quality of Cardiac Rehabilitation and Generating Evidence Through Society-Led Registry Studies Chairs : Yasuhiko Sakata Masakazu Saitoh		16:50~17:50  Symposium 3 Organizing the Evidence Gaps in Cardiac Rehabilitation for Heart Failure Chairs : Hideo Izawa Yuya Matsue				19:00~20:45
			14:35~15:45  AsiaPrevent and English Session Oral 4 Heart Failure Chairs : Chan Joo Lee Takayuki Kawamura		15:50~17:00  AsiaPrevent and English Session Moderated Poster Comprehensive Cardiac Care Chairs : Maria Rosan Trani Toshiki Kaihara			17:20~18:20  Keynote Lecture 2 Multidisciplinary teams for patients with cardiovascular disease: What is needed? Chair : Toshiko Yoshida Speaker : Leonie Klompstra, PhD.				Gala Networking Party @International Exhibition Hall 8 ※Doors Open 18:30
		13:25~14:25 Poster Presentation	14:25~18:20 Poster Viewing									

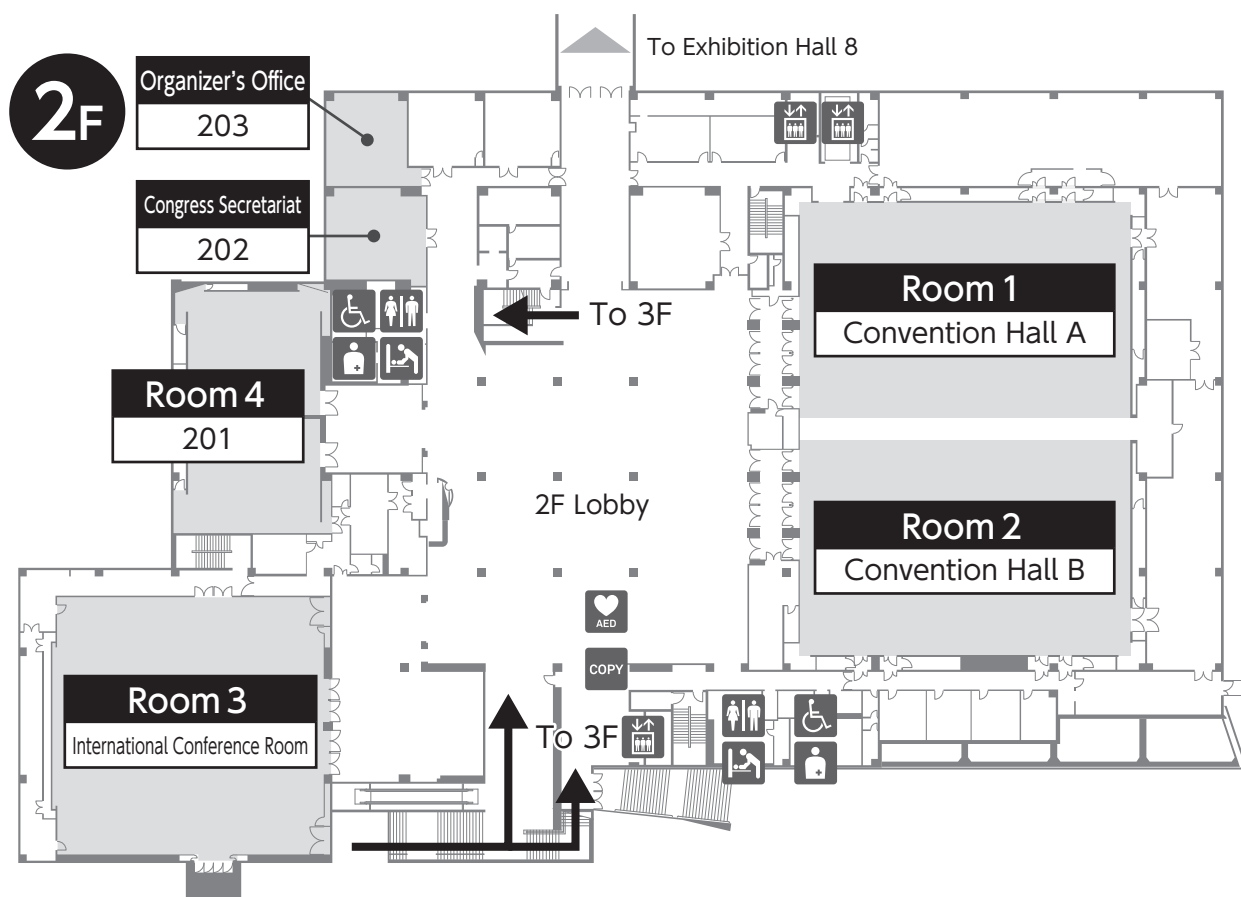
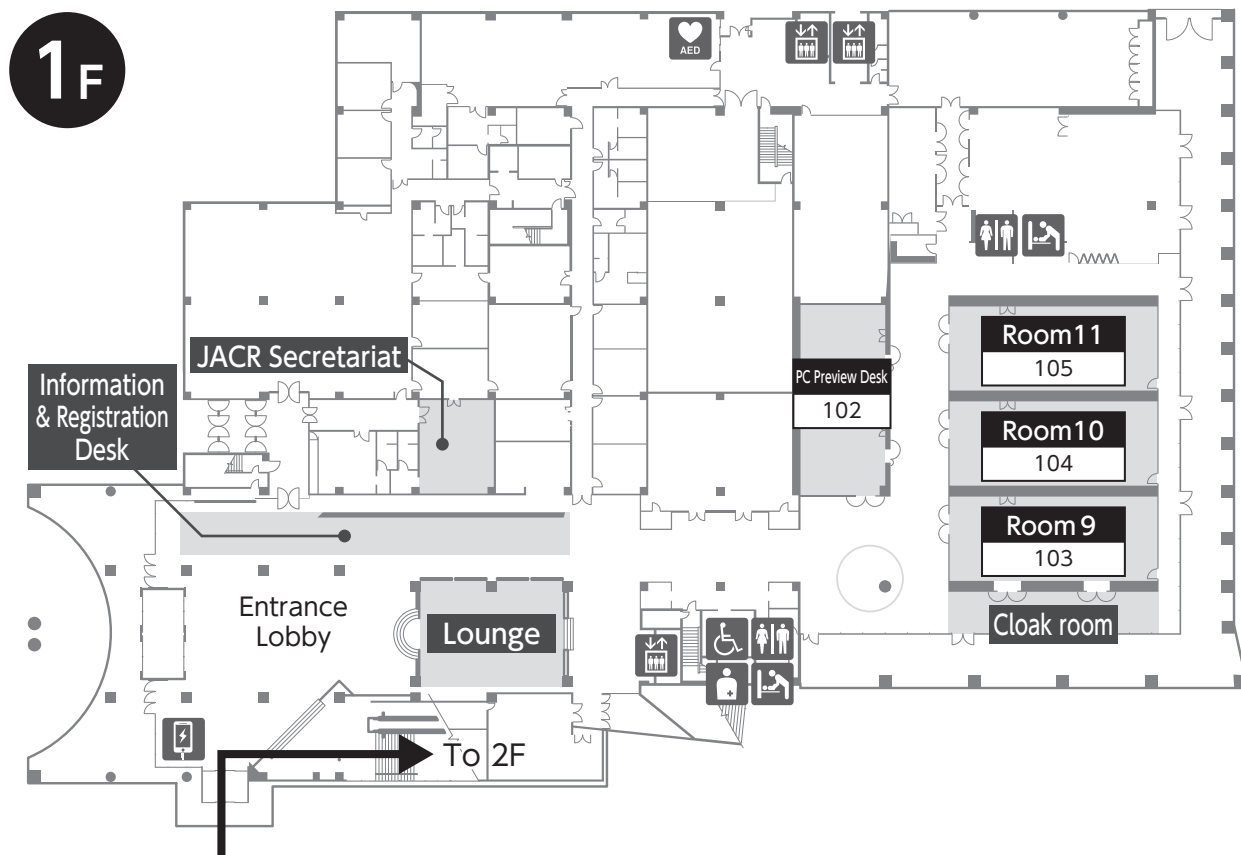
AsiaPrevent and English Session Poster

No.	Session Theme	Chair	Time
APP1	Cardiac Rehabilitation	Yuya Yokota Masanori Kanazawa	13:25 ~ 14:25
APP2	Clinical Cases & Physical Therapy	Asami Ogura Masakazu Saitoh	13:25 ~ 14:25
APP3	Epidemiology & Healthcare Systems	Satoshi Kurose Akihiro Hirashiki	13:25 ~ 14:25
APP4	Exercise Capacity & Functional Assessment	Cao Pengyu Makoto Murata	13:25 ~ 14:25
APP5	Heart Failure & Muscle Function	Kushal Madan	13:25 ~ 14:25
APP6	Respiratory Rehabilitation	Ssu-Yuan Chen	13:25 ~ 14:25

13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
			14:10~15:40  Symposium 9 Practices and Challenges in HAD and PICS Management in Cardiac Rehabilitation Chairs : Hirokazu Shiraishi Yuki Iida			16:00~17:30  Symposium 10 Cancer and Cardiac Rehabilitation: The Potential of Cardio-Oncology Rehabilitation Chairs : Koji Sakurada Masanobu Yanase		Closing Ceremony				
						15:50~17:10  EAPC/JACR Joint Symposium Cardiac Rehabilitation in the Real World: Addressing Social Determinants of Health Chairs : Ana Abreu Yasuhiko Sakata						
									17:30~18:30 Removal			

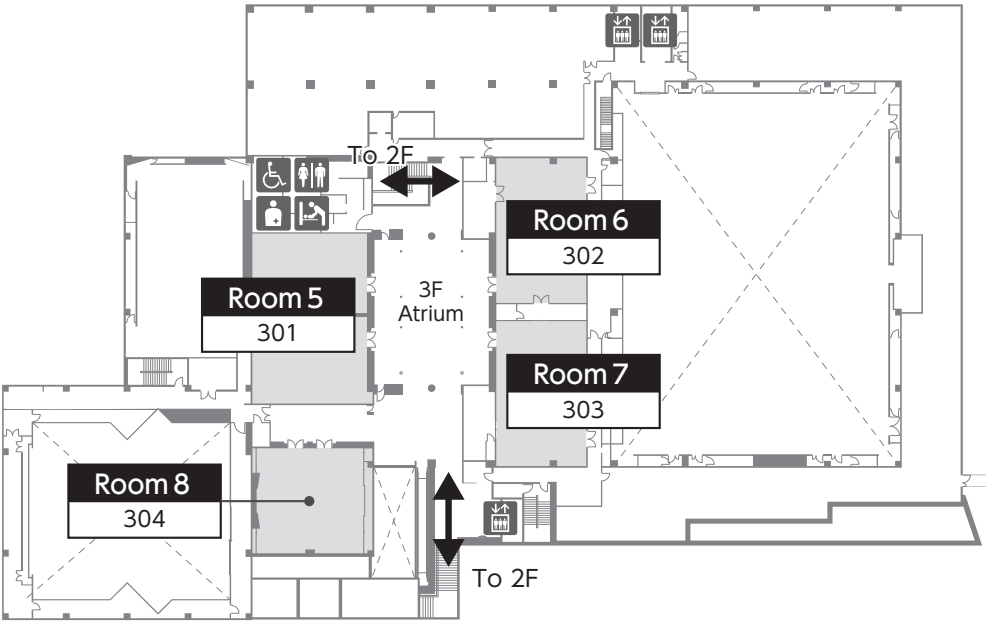
Floor Map

Makuhari Messe International Conference Hall



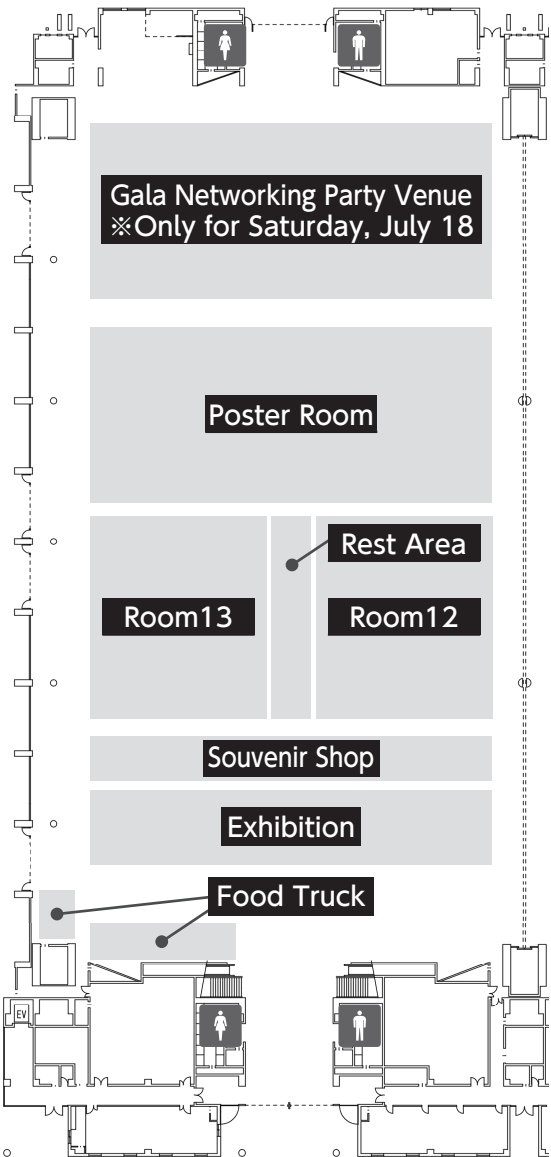
Floor Map
Makuhari Messe International Conference Hall

3F



Makuhari Messe
International
Exhibition Hall 8

1F



General Information

Dates

July 18 (Sat.) – 19 (Sun.), 2026

AsiaPREvent and English Session will be held on both July 18 (Sat.) and July 19 (Sun.).

Venue

Makuhari Messe

2-1, Nakase, Mihama-ku, Chiba-city, 261-8550 Japan

TEL +81-43-296-0001

President

Toshiko Yoshida, RN, PHN, PhD

Professor, Graduate School of Nursing Science, St. Luke's International University

Vice President

Shigeru Makita, MD, PhD

Honorary Professor, Saitama Medical University International Medical Center

Assistant Director, Kawaguchi Cupola Rehabilitation Hospital

Hiroyoshi Yokoi, MD, PhD

Director, Fukuoka Central Hospital

Vice Director of Fukuoka Sanno Hospital and Director of the Cardiovascular Center

Professor, Fukuoka International University of Health and Welfare

Registration

Registration fees for participants from outside Japan are as follows and will be payable at the venue reception. Please note that the registration fee must be paid in cash on site.

Doctors / Regular	1,000 JPY
Medical Staff / Resident	1,000 JPY
Foreign nationals residing overseas & International graduate students in Japan	1,000 JPY Limited to those with the "Student" residence status. Students must present their student ID at the registration desk as proof of their student status.
Undergraduate Students	Free of Charge Undergraduate students must present their student ID at the registration desk as proof of their student status.

Place: Makuhari Messe, International Conference Hall, 1F Entrance Lobby

7/18 (Sat.) 8:00-18:00

7/19 (Sun.) 8:00-17:00

Cloakroom

Valuables and umbrellas cannot be stored.

Date and Time	Place
7/18 (Sat.) 8:00-21:00	Makuhari Messe, International Conference Hall, 1F
7/19 (Sun.) 8:00-18:00	

Rest Area

Place: Makuhari Messe, 1F, International Exhibition Hall 8

Congress Secretariat

Place: Makuhari Messe, International Conference Hall 2F, Room 202

Presentation Guidelines

Standby

Submit and preview your presentation data (PPT) at the PC Preview Desk at least 30 min before the beginning of your session. Please come to the next speaker's seat at the front left of the venue 15 minutes before.

PC Preview Desk

Date and Time	Place
7/18 (Sat.) 7:45 - 18:00	Makuhari Messe, International Conference Hall 1F, Room 102
7/19 (Sun.) 7:45 - 17:00	

Equipment to be installed at the venue

OS: Windows 11

Applications: Microsoft PowerPoint 2024

Windows

If your presentation file is made using Windows, bring your own laptop or USB memory.

Macintosh

If your presentation file is made using Macintosh, bring your own laptop with a HDMI and power adapter. Bringing only USB memory is NOT available.

File Name

The title of your presentation file should be "session title_program No._your name".

File Management

Presentation files must be in Windows Power Point Office 365. The resolution is Full HD (1920 x 1080), and the screen ratio is 16:9. Use only standard OS fonts such as **Arial**, **ArialBlack**, ArialNarrow, Century, Century Gothic, **Courier**, Courier New, Georgia, Times New Roman.

Video

If you use video, bring your own PC. We recommend MP4 format which can be played on Windows Media Player 12.

Operation

In presentation, speakers should operate keypad / mouse with monitor. Don't use Presentation Tools function in PowerPoint.

Bringing Your Laptop

Bring a USB memory for backup data. Bring a power adapter if you use your own laptop.

Connection is HDMI. Bring your laptop to operate seat at least 20 min before the beginning of your session. Turn off a screen saver function, energy saver, virus checker and password features in advance (as well as hot corner of Macintosh). Don't bring up your laptop on the stage.

Instruction for Oral Sessions

Venue

Room 8 (Makuhari Messe, International Conference Hall 3F, Room 304)

For Chairs

1. Chairs are requested to be seated on the Next Chairs Seat at the front right of the venue, no later than 15 mins. prior to your session.
2. There is no announcement to call attention to start the session. Session composition is to be controlled by the chairs. Chairs are asked to ensure all sessions start and finish punctually as scheduled (Presentation 8 mins. Discussion 3 mins. for Oral Session, Presentation 6 mins. Discussion 2mins. for Moderated Poster Session). Additional remarks, discussions and proceedings will be left entirely up to chairs' decisions.
3. In case that the previous session finished earlier than scheduled, please wait to commence your session until the scheduled time comes.

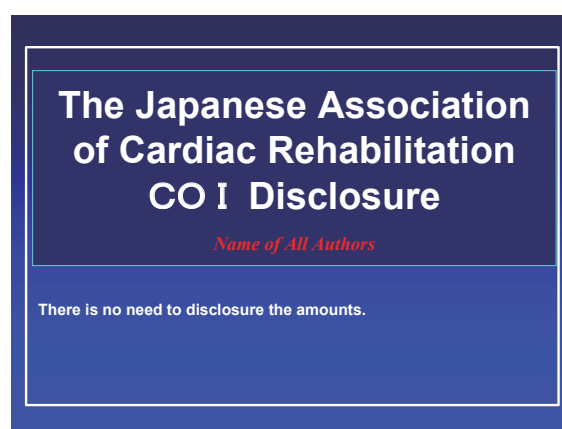
For Speakers

1. For speaker, the allocated time of the speech is 8 mins., followed by 3 mins. discussion.
Only computer presentations will be available for the oral sessions. No slides or OHP shall be used. Please prepare presentation data in English. Screen ratio is 16:9 in all Session rooms.
2. The 1st slide should be the COI disclosure in your presentation.

<Examples>



COI to disclose



No COI to disclose

3. Audio-Visual Materials

- Please save your data on a USB memory, and deliver it to the PC Preview Desk. Windows is the only operating system available for the presentations. If you have prepared the presentation data on a Macintosh, you are required to bring your own PC.
- * For those who want to show a video, please bring your own personal computer. You are also required to make sure to check that your data has not been infected by any virus in advance by using the latest version of the security software.
- Please submit your data at the PC Preview Desk, and check whether all the data are shown properly.
- Even if you use your own PC, you are required to check your presentation data at the PC Preview Desk and bring your PC to the operation desk in the session room 30 mins. prior to your session starts. Following the conclusion of your session, we will return your PC at the operation desk. Please come to the operation desk promptly to claim your PC.
- If you need any assistance with the set-up, please do not hesitate to ask for the assistance at the PC Preview Desk.
- When you are next one in line to give your presentation, please be seated on the Next Speakers Seat.

4. Speakers are requested to present their data at least 30 mins. prior to their presentation.

Instruction for Poster Session

Venue

AsiaPrevent and English Session Poster Area (Makuhari Messe, 1F, International Exhibition Hall 8)

For Speakers

1. Posters will be placed for two days.
2. Please prepare presentation materials (posters) in English.
3. The poster should contain the COI disclosure statement.

<Examples>

【Disclosure Statement of COI】

The authors have financial conflicts of interest disclose concerning the study, explain below.

Trust research/joint research funds: ○○ pharmaceutical company

Scholarship funds: ×× pharmaceutical company

Affiliation with Endowed Department: yes (△△ pharmaceuticals)

COI to disclose

【Disclosure Statement of COI】

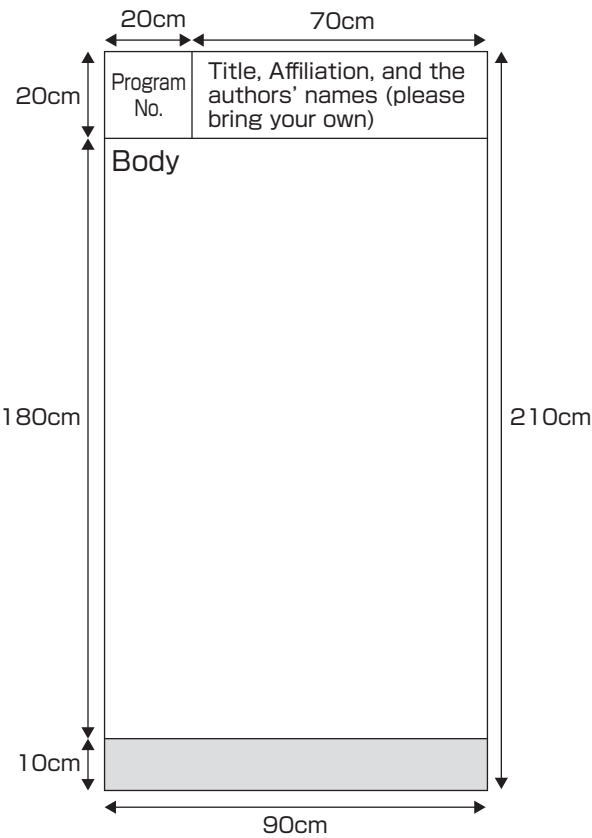
The authors have no financial conflicts of interest disclose concerning the study.

No COI to disclose

4. Presentation 6 mins. Discussion 2 mins.
5. Please check the Poster Session Area on this program to find the location of your assigned poster board.
 - Presenters are requested to mount their posters on the assigned board.
 - Poster panels are 210 cm high x 90 cm wide. Please refer to the diagram and use large-sized characters for easy reading.
 - 20 cm high x 70 cm wide of the upper part of the panel will be used for labeling your Poster Title, Affiliation, and the authors' names, which should be prepared by presenters.

Poster Posting and Removal times are scheduled as below. Please note that any posters remaining over the removal time will be disposed of by the Secretariat.

Day	Mounting	Viewing	Presentation	Removal
July. 18 (Sat.)	8:30 - 10:00	10:00 - 13:25 14:25 - 18:20	13:25 - 14:25	-
July. 19 (Sun.)	-	9:30 - 17:30	-	17:30 - 18:30



Notice

1. Smoking is NOT permitted in the venue.
2. Turn off your mobile phone before entering the lecture rooms and Poster & Exhibition Hall.
3. In principle, taking photographs of slides and posters, recording and picture recording in the lecture rooms are prohibited without prior permission.
4. Cool Biz attire such as no tie will be permitted during the Meeting. However, please refrain from wearing T-shirts, jeans, sandals. Men should wear shirt with collar. For women office casual clothing is preferable.

Day1 July 18 (Sat.)

17:20 ~ 18:20 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

Keynote Lecture 2

Chair : Toshiko Yoshida (Graduate School of Nursing Science, St. Luke's International University, Japan)

SL2 Multidisciplinary teams for patients with cardiovascular disease: What is needed?

○ Leonie Klompstra, Ph. D.

Department of Health, Medicine and Caring Sciences, Linköping University, Linköping, Sweden

Day2 July 19 (Sun.)

11:45 ~ 12:45 Room1 (Makuhari Messe, International Conference Hall 2F, Convention Hall A)

Keynote Lecture 3

Chair : Tetsuya Takahashi (Juntendo University, Japan)

SL3 Cardio-Oncology Rehabilitation: The Next Frontier For Cardiac Rehabilitation Programs

○ Peter H. Brubaker, Ph. D.

Department of Health & Exercise Science, Wake Forest University, USA

Day2 July 19 (Sun.) 15:50 ~ 17:10 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

EAPC/JACR Joint Symposium 「Cardiac Rehabilitation in the Real World: Addressing Social Determinants of Health」

Chairs : Ana Abreu (Cardiology Department, Lisbon Medical School – University of Lisbon, Hospital Santa Maria, ULSSM, Portugal)

Yasuhiko Sakata (National Cerebral and Cardiovascular Center, Japan)

-
- IC-1 **Remote and Home-Based Cardiac Rehabilitation: Bridging Gaps in Real-World Care**
 ○ Constantino Davos
 Academy of Athens Biomedical Research Foundation, Athens, Greece
- IC-2 **Cardiovascular Care for All: Addressing Sex Disparities in Cardiac Rehabilitation**
 ○ Ana Abreu
 Cardiology Department, Lisbon Medical School – University of Lisbon, Hospital Santa Maria, ULSSM, Portugal
- IC-3 **How cardiac rehabilitation should be approached in response to Japan's aging society**
 ○ Makoto Murata
 Department of Cardiovascular Rehabilitation, National Cerebral and Cardiovascular Center, Japan
- IC-4 **Cardiac Rehabilitation Approaches to Overcome Social Barriers in Patients With Heart Failure**
 ○ Takahiro Abe
 Department of Physical Therapy, Health Sciences University of Hokkaido, Japan

Day2 July 19 (Sun.) 11:00 ~ 12:30 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

TACVPR-JACR Joint Symposium [Shared Perspectives on Cardiac Rehabilitation]

Chairs : Ko-Long Lin (TACVPR president, Department of Physical Medicine and Rehabilitation,
Kaohsiung Medical University Hospital, Taiwan)
Yoshihiro Fukumoto (JACR president, Kurume University, Japan)

TACVPR-1 Cardiac Rehabilitation Services in Taiwan: Participation Experience and Findings from the International Council of Cardiovascular Prevention and Rehabilitation Global Audit in 2017 and 2025

○ Ssu-Yuan Chen^{1,2}

¹ Cardiovascular and Pulmonary Rehabilitation Center, Division of Physical Medicine and Rehabilitation, Fu Jen Catholic University Hospital, Fu Jen Catholic University School of Medicine, Taiwan,

² Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital and National Taiwan University College of Medicine, Taiwan

TACVPR-2 Challenges and Improvements in Heart Failure Care with Consideration of Sex Differences

○ Masanori Kanazawa

Iwate Prefectural Isawa Hospital, Japan

TACVPR-3 Determinants of Peak Oxygen Uptake Adaptation Following Standardized Exercise-based Cardiac Rehabilitation: A Retrospective Longitudinal Study

○ Hung-Jui Chuang

Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital, Taiwan

TACVPR-4 Average isokinetic quadriceps muscle power during high-frequency repetition is related to muscle oxygenation dynamics of the vastus lateralis but not to arteriovenous oxygen difference in peripheral tissues during incremental cycle exercise

○ Shinji Nemoto¹, Akira Yoshikawa¹, Naonori Tashiro¹, Tohru Nakabo¹,
Yuki Kuroyama¹, Daisuke Nakamura¹, Yoshinori Kagaya¹, Eiichi Geshi²

¹Showa Medical University Graduate School of Health Sciences, Japan, ²Showa Medical University, Japan

Day2 July 19 (Sun.) 9:40 ~ 11:00 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPREvent Expert Lecture 「Evidence and Practice of Exercise Intensity in Cardiac Rehabilitation」

Chairs : Yasuhiko Sakata (National Cerebral and Cardiovascular Center, Japan)

Yutaka Kimura (Kansai Medical University, Japan)

APS-1 Low-intensity exercise

○ Kushal Madan

Sir Ganga Ram Hospital, India

APS-2 Moderate-intensity endurance exercise is essential for a cardiac rehabilitation program

○ Makoto Murata

Department of Cardiovascular Rehabilitation, National Cerebral and Cardiovascular Center, Japan

APS-3 Physiological Adaptations and Epigenetic Modulation Following High-Intensity Interval Training in Patients with Heart Failure

○ Chih-Chin Hsu

Dept. of PM&R, Keelung Chang Gung Memorial Hospital, School of Medicine, College of Medicine, Chang Gung University, Taiwan

APS-4 Evidence and Practice of Exercise prescription for Resistance training in Cardiac Rehabilitation

○ Masakazu Saitoh

Department of Physical Therapy, Faculty of Health Science, Juntendo University, Japan

Day1 July 18 (Sat.) 8:30 ~ 9:40 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPrevent and English Session Oral 1 [Exercise Therapy & Rehabilitation]

Chairs : Saari Mohamad Yatim (Medical Rehabilitation Department, Hospital Sultan Idris Shah, Malaysia)
Ssu-Yuan Chen (Department of Physical Medicine & Rehabilitation, Fu Jen Catholic University
Hospital, Taiwan)

APO1-1 Comprehensive Rehabilitation Following the First Left Ventricular Assist Device (LVAD) Implantation at a Malaysian Public Hospital: A Case Report

○ Saari Bin Mohamad Yatim, Zarifah Binti Yusoff, Jade Pei Gan,
Nor Adilah Binti MD Noh, Mohaneshwary Sandrajagan, Wirdahayu Binti Mohd Said
Hospital Sultan Idris Shah Serdang, Malaysia

APO1-2 Effect of external counterpulsation on quality of life and myocardial oxygen consumption in patients with ischemia and non-obstructive coronary artery disease

○ Kanghua Zeng, Chun Shu Cai
Nanchang University, China

APO1-3 Effects of Structured Early Mobilization Training on Risk of Sarcopenia and Mood State in Patients after Coronary Artery Bypass Surgery

○ Chia-Huei Lin
National Defense Medical University, Taiwan

APO1-4 Withdrawn

APO1-5 Association Between Prehabilitation Exposure And Postoperative Outcomes In Elective Cardiac Surgery: A Meta-analysis

○ Beatrice Alessa Debildos Baguio, Mahroune Tunacao, Maria Rosan Asis Trani
Chong Hua Hospital, Philippines

APO1-6 Association between Outpatient Cardiac Rehabilitation and Falls in Older Patients with Cardiovascular Disease: A 1-Year Longitudinal Study

○ Kohei Shiota¹, Masakazu Saitoh^{1,2}, Junya Nishimura³, Kotaro Iwatsu^{1,2},
Tomoyuki Morisawa^{1,4}, Tetsuya Takahashi^{1,2}, Miho Yokoyama^{3,5}, Tohru Minamino^{5,6}

¹Department of Physical Therapy, Graduate School of Health Science, Juntendo University, Tokyo, Japan,

²Department of Physical Therapy, Faculty of Health Science, Juntendo University, Tokyo, Japan,

³Cardiovascular Rehabilitation and Fitness, Juntendo University Hospital, Tokyo, Japan,

⁴Department of Rehabilitation, Kobe Rehabilitation Hospital, Hyogo, Japan,

⁵Department of Cardiovascular Biology and Medicine, Graduate School of Medicine, Juntendo University, Tokyo, Japan,

⁶Department of Cardiology, Juntendo University Hospital, Tokyo, Japan

Day1 July 18 (Sat.) 9:40 ~ 10:50 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPRevent and English Session Oral 2 「CPX & Physiology」

Chairs : Ngai Yin Chan (Department of Medicine & Geriatrics, Princess Margaret Hospital, Hong Kong SAR)
Junichi Funada (Department of Cardiology, NHO Ehime Medical Center, Japan)

AP02-1 Peak Oxygen Consumption Scaled to Body Composition Enhances Prediction of All-cause Mortality in Men with Coronary Artery Disease

○ Yu-Ting Li¹, Yi-Hsiang Chiu¹, Ssu-Yuan Chen^{1,2}, Hung-Jui Chuang¹

¹Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital, Taipei, Taiwan,

²Division of Physical Medicine and Rehabilitation, Fu Jen Catholic University Hospital and Fu Jen Catholic University School of Medicine, New Taipei City, Taiwan

AP02-2 Withdrawn

AP02-3 Handgrip Strength Predicts Fitness Capacity Independently of BMI in Patients with Angina Pectoris – A Single-Center Study in Indonesia

○ Helena Ayatasya Kusuma Cantika¹, Ega Lawalata Yolanda¹, Justin Halim¹,
Ardelia Kurniawan¹, Hari Hendriarti Satoto²

¹Cardiology resident at Department of Cardiology and Vascular Medicine, Faculty of Medicine, Diponegoro University, Dr. Kariadi Central General Hospital Semarang, Indonesia,

²Cardiologist at Department of Cardiology and Vascular Medicine, Faculty of Medicine, Diponegoro University, Dr. Kariadi Central General Hospital Semarang, Indonesia

AP02-4 Association of Anaerobic Threshold with Post-COVID Sequelae, Physical Activity, Sleep Quality, and Health-Related Quality of Life in Non-Hospitalized Post-COVID Patients: A Cross-Sectional Study

○ Shang-Lin Chiang^{1,2}, Chia-Ying Lai¹, Ming-Tse Chen¹, Ta-Chung Chao¹,
Wen-Yuan Chang¹, Chia-Huei Lin³

¹Department of Physical Medicine and Rehabilitation, Tri-Service General Hospital, Taipei, Taiwan,

²Department of Physical Medicine and Rehabilitation, School of Medicine, National Defense Medical University, Taipei, Taiwan, ³School of Nursing, National Defense Medical University, Taipei, Taiwan

AP02-5 Association Between Diaphragmatic Ultrasound Parameters and Cardiopulmonary Exercise Test in Patients With Heart Failure

○ Hsuan Cheng, Ko-Long Lin

Department of Physical Medicine and Rehabilitation, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

AP02-6 Differences in the associations of left ventricular ejection fraction and E/e' with peak oxygen uptake across heart failure phenotype: A systematic review and meta-regression analysis

○ Asami Ogura^{1,2,3}, Kazuhiro P Izawa^{2,3}, Masaaki Wada¹, Hideto Tawa¹,
Ryohei Yoshikawa¹

¹Sanda City Hospital, Japan, ²Kobe University, Japan, ³Cardiovascular Stroke Renal Project, Japan

Day1 July 18 (Sat.) 10:50 ~ 12:00 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPrevent and English Session Oral 3 [Pathophysiology & Biomarkers]

Chairs : Kazuhisa Kaneda (Kyoto University Hospital, Japan)

Shinji Sato (Teikyo University, Japan)

APO3-1 Circulating MOTS-c is higher in acute coronary syndrome and is a prognostic biomarker for major cardiac events in patients with acute myocardial infarction

○ Bojian Wang¹、Pengyu Cao²

¹Tohoku University, Japan, ²The Third Affiliated Hospital of Nanjing Medical University, China

APO3-2 Withdrawn

APO3-3 Unlocking The Multidimensional Benefits Of Dapagliflozin In Acute Decompensated Heart Failure: A Prospective Study Linking Muscle Strength, Symptoms, And Biomarkers To Cardiovascular Prevention

○ RR Hari Hendriarti Satoto¹、Lourensia Brigita Astern Praha^{1,3}、
Bonaventura Adhi Yogiswara²、Feby Tegar Ksatria^{1,3}、M Sofan Dhani^{1,3}、
Tahari Bargas Prakoso^{1,3}、Jeffry Sianipar^{1,3}、Yan Herry¹、Dharminto Dharminto³

¹Kariadi Hospital, Indonesia, ²Ngesti Waluyo Hospital, Indonesia, ³Diponegoro University, Indonesia

APO3-4 Cardiopulmonary function findings of patients with pulmonary atresia with intact ventricular septum

○ Ji-Kuan Huang、Jong-Hau Hsu、Yen-Sen Lu、Chia-Hsin Chen、Ko-Long Lin

Kaohsiung Medical University Chung-Ho Memorial Hospital, Taiwan

APO3-5 Pre-operative Osteosarcopenia Predicts Long-term Outcomes after Endovascular Aortic Aneurysm Repair

○ Hirokazu Sugiura^{1,2}、Tsuyoshi Shibata²、Yutaka Iba²、Shingo Tsushima²、
Kenta Yoshikawa³、Shun Hayasaka³、Masahiro Takahashi¹、Yuki Sugawara⁴、
Junichi Sakata⁵、Yosuke Yanase⁵、Yuka Matsuda⁵、Masanori Nakamura^{1,5}

¹Department of Rehabilitation, Sapporo City General Hospital, Japan,

²Department of Surgery, Division of Cardiovascular Surgery, Sapporo Medical University, Japan,

³Division of Radiology and Nuclear Medicine, Sapporo Medical University, Japan,

⁴Department of Radiology, Sapporo City General Hospital, Japan,

⁵Department of Cardiovascular Surgery, Sapporo City General Hospital, Japan

APO3-6 Cognitive-Nutritional Interaction as a Key Determinant of Rehabilitation Capacity and Survival in Older Acute-Care Patients

○ Hiroshi Yamamoto¹、Kenichi Ogawa¹、Yasushi Hisamatsu¹、Kazumasa Matsuo¹、
Tatsuya Ishitake²

¹Yamamoto Memorial Hospital, Imari, Japan,

²Department of Environmental Medicine, Kurume University School of Medicine, Kurume, Japan

Day1 July 18 (Sat.) 14:35 ~ 15:45 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPRevent and English Session Oral 4 「Heart Failure」

Chairs : Chan Joo Lee (Division of Cardiology, Department of Internal Medicine, Severance Hospital, Yonsei University, Korea)

Takayuki Kawamura (Tohoku Fukushi University, Japan)

AP04-1 Effects of Blood Flow Restricted Resistance Training on Muscle Mitochondrial Function, Muscle Strength, and Quality of Life in Individuals with Chronic Heart Failure

○ Yi Chen Wu¹, Tsung-Che Tsai¹, Chun Liu¹, Hung-Yu Chang², Wei-Ming Huang³, Chiao-Nan Chen¹

¹Department of Physical Therapy and Assistive Technology, School of Biomedical Science and Engineering, National Yang Ming Chiao Tung University, Taiwan,

²Heart Center, Cheng Hsin General Hospital, Taiwan,

³Division of Cardiology, Department of Medicine, Taipei Veterans General Hospital, Taiwan

AP04-2 Effects of Resistance Training on Arterial Stiffness and Hemodynamics in Patients with Chronic Heart Failure: A Randomized Controlled Trial

○ Tsung-Che Tsai¹, Yi-Chen Wu¹, Chun Liu¹, Hung-Yu Chang², Wei-Ming Huang³, Chiao-Nan Chen¹

¹Department of Physical Therapy and Assistive Technology, National Yang Ming Chiao Tung University, Taiwan,

²Heart Center, Cheng Hsin General Hospital, Taiwan,

³Division of Cardiology, Department of Medicine, Taipei Veterans General Hospital, Taiwan

AP04-3 POEMS syndrome presented with acute decompensated cardiac failure

○ Ming-Tse Chen¹, Cheng-Chiang^{1,4}, Yeu-Chin Chen², Chih-Hsueng Hsu³, Shang-Lin Chiang^{1,4}

¹Department of Physical Medicine and Rehabilitation, Tri-Service General Hospital, National Defense Medical University, Taiwan,

²Division of Hematology & Oncology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical University, Taiwan,

³Division of Cardiology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical University, Taiwan, ⁴Department of Physical Medicine and Rehabilitation, School of Medicine, College of Medicine, National Defense Medical University, Taiwan

AP04-4 Withdrawn

AP04-5 Quantitative Trends in Cardiac Rehabilitation Utilization Among Patients with Heart Failure in Korea: A Nationwide Study (2017-2023)

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APO4-6 Skeletal Muscle Mass Indexed to Body Mass Index Better Predicts Exercise Capacity than Height-Squared Indexation in Heart Failure Patients

○ Taiki Yamasaki^{1,2}, Shinji Nemoto^{2,4}, Yusuke Kasahara³, Sato Watanabe¹, Maiko Yagi¹, Yoshihiro Akashi⁴

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Day1 July 18 (Sat.) 15:50 ~ 17:00 Room8 (Makuhari Messe, International Conference Hall 3F, 304)

AsiaPRevent and English Session Moderated Poster 「Comprehensive Cardiac Care」

Chairs : Maria Rosan Trani (Cardiac Rehabilitation Unit, Chong Hua Hospital, Philippines)

Toshiki Kaihara (St. Marianna University School of Medicine, Japan)

APM-1 Integration of Cardiopulmonary Exercise Testing, Echocardiography, and Catheterization Data: Establishing a Cardiovascular Physiological Age Model to Quantify Expected CR Benefits and Enhance Clinical Engagement

○Chenling Chen

Tungs Taichung MetroHarbor Hospital, Taiwan

APM-2 Safety and Feasibility of Inpatient Physiotherapy in Patients Implanted with HeartMate 3 Left Ventricular Assist Device: A Single-Center Case Series

○Po-Jung Lee¹, Yu-Shan Lin¹, Po-Sung Chen²

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²*Division of Cardiac Care Unit, Heart Center, Cheng Hsin General Hospital, Taipei, Taiwan*

APM-3 The Relationship Between Swallowing-Related Oral Exercise and Prefrontal Cerebral Blood Flow in Patients With a History of Stroke

○Cheng-Wei Ho¹, Pei-Chi Hsiao¹, Willy Chou^{1,2}

¹*Department of Physical Medicine and Rehabilitation, Chi-Mei Medical Center, Tainan, Taiwan,*

²*Department of Leisure and Sports Management, CTBC University, Tainan, Taiwan*

APM-4 Deciphering the Muscle-Heart Axis: Clinical and Metabolic Drivers of Sarcopenia in Heart Failure Patients

○Kalista Yuliet¹, Victor Joseph², Nancy Sicilia Lampus²,

Filemon Manasye Wiliam Sondakh³, Dylan Hadi¹, Agung Ali¹, Ricardo Gunadi¹

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APM-5 Association Between Handgrip Strength and Cardiopulmonary Exercise Testing Parameters in Cardiac Rehabilitation Patients

○Yen-Cheng Chang¹, Hung-Jui Chuang²

¹*National Taiwan University School of Medicine, Taiwan,*

²*Department of Physical Medicine and Rehabilitation, National Taiwan University Hospital, Taiwan*

APM-6 Comparison of Corrected QT Interval Formulas in Indonesian Athletes: An Analysis between Endurance and Non-Endurance Sport

○Kevin Luke^{1,2}, Meity Ardiana^{1,2}

¹*Department of Cardiology and Vascular Medicine, Faculty of Medicine, Universitas Airlangga, Indonesia,*

²*Department of Cardiology and Vascular Medicine, Soetomo General Academic Hospital, Indonesia*

APM-7 Effect of Supervised Exercise-Based Cardiac Rehabilitation on Changes in Global Longitudinal Strain (GLS) During Cardiotoxic Cancer Therapy in Adults: A Meta-Analysis of Randomized Trials

○Roselynn Rae Caragos Talimio, Maria Rosan Trani

Perpetual Succour Hospital Cebu Heart Institute, Philippines

APM-8 The Homework & High-Five Cardiac Rehabilitation Model
A Two-Track “Homework” Strategy for Inpatients and Outpatients

○Shinji Sato, Teppei Nakamura, Miyu Yano, Yukino Nagai, Katsuki Ikeuchi,
Shin Yamamoto

Imabari Saiseikai, Japan

Day1 July 18 (Sat.) 13:25 ~ 14:25 Poster Room (Makuhari Messe, 1F International Exhibition Hall 8)

AsiaPRevent and English Session Poster 1 [Cardiac Rehabilitation]

Chair : Yuya Yokota (Showa Medical University School of Medicine, Japan)

Masanori Kanazawa (Iwate Prefectural Isawa Hospital, Japan)

APP1-1 Benefits of Phase II Cardiac Rehabilitation on Quality of Life and Functional Capacity in Pulmonary Arterial Hypertension Patients

○ Abdul Halim Raynaldo, Cut Aryfa Andra, Al Ma Arij Akbar Lubis, Yuke Sarastri

Department of Cardiology & Vascular Diseases, Faculty of Medicine, Universitas Sumatera Utara, Indonesia

APP1-2 Longitudinal Echocardiographic Changes in Patients with Heart Failure Participating in Phase II Cardiac Rehabilitation

○ Fang-Ying Chang¹, Hung-Jui Chuang¹, Su-Yuan Chen^{1,2}

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²Fu Jen Catholic University Hospital Department of Rehabilitation, Taiwan

APP1-3 Association Between Baseline Left Ventricular Ejection Fraction And Functional Capacity After Cardiac Rehabilitation Program In Adult Valvular And Congenital Cardiac Surgery

○ Monika Putri Adiningsih^{1,2}, Yunia Duana¹, Anggoro Budi Hartopo^{1,2}, Irsad Andi Arso^{1,2}

¹Sardjito Hospital, Indonesia, ²Universitas Gadjah Mada, Indonesia

APP1-4 Association Between Left Ventricular Ejection Fraction and Functional Capacity After Phase II Cardiac Rehabilitation in Patients Following Coronary Revascularization

○ Yunia Duana¹, Monika Putri Adiningsih^{1,2}, Anggoro Budi Hartopo^{1,2}, Irsad Andi Arso^{1,2}

¹Sardjito Hospital, Indonesia, ²Universitas Gadjah Mada, Indonesia

APP1-5 Effect of Outpatient Cardiac Rehabilitation on Walking Speed in Cardiovascular Disease Patients With Dynapenia: An Exploratory Study

○ Keisuke Okano¹, Hironori Takami², Kouki Sano¹, Hideki Saito², Nana Fujishiro², Tetsuya Takahashi³, Yo Mukai¹

¹Department of Rehabilitation, Seirei Hamamatsu General Hospital, Japan,

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³Graduate School of Health Care Sciences, Juntendo University, Japan

APP1-6 Impact of Phase II Cardiac Rehabilitation on Functional Capacity, Quality of Life, Anxiety, and Depression in Post-Revascularization Patients: A Multicenter Prospective Study

○ Leilani Rosalind Picardal Caragos-Merin^{1,2}, Maria Rosan Trani¹, Mary Martinæ Miro Tiu²

¹Chong Hua Hospital, Cebu City, Philippines, ²Perpetual Succour Hospital, Cebu City, Philippines

Day1 July 18 (Sat.) 13:25 ~ 14:25 Poster Room (Makuhari Messe, 1F International Exhibition Hall 8)

AsiaPrevent and English Session Poster 2 [Clinical Cases & Physical Therapy]

Chairs : Asami Ogura (Sanda City Hospital, Japan)
Masakazu Saitoh (Juntendo University, Japan)

APP2-1 Perceived Barriers to Phase 2 Cardiac Rehabilitation Among Ischemic Heart Disease Patients in a Tertiary Hospital in the Philippines

○ Leilani Rosalind Picardal Caragos-Merin, Maria Rosan Trani

Chong Hua Hospital, Cebu City, Philippines

APP2-2 Associations of Lower Limb Skeletal Muscle Characteristics with 6-Minute Walk Distance in Patients with LEAD, Stratified by Ankle-Brachial Index: An Exploratory Analysis of Phase Angle, Muscle Echo Intensity, and Muscle Thickness

○ Satoshi Yuguchi¹, Yusuke Ochi², Yukari Sagata², Mitsuhiro Idesako², Shino Maeda², Masahito Taniguchi³

¹*Department of Physical Therapy, Toyohashi SOZO University, Japan,*

²*Department of Rehabilitation, Fukuyama Cardiovascular Hospital, Japan,*

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APP2-3 Effects of Integrated Volitional Electrical Stimulation (IVES) on Right Upper-Limb Function and Activities of Daily Living in a Patient With Aortic Dissection and Ischemic Stroke: A Case Report

○ Hsin-Yu Wu

Tungs Taichung MetroHarbor Hospital, Taiwan

APP2-4 Problems at the time of the convalescence rehabilitation of Acute Aortic Dissection

○ Shuichi Kozawa, Maki Sasaki, Eiko Kenmochi, Katsuhiko Ueno, Tomohiro Matsuo, Kyouhei Nyuba, Yuuki Nakagawa, Kazuya Matsubayashi, Takuro Otsubo, Tomoki Yanase, Kouki Yonemochi, Kosuke Ii, Miyuki Maehata, Naoto Nogami, Izumi Akamatsu, Minami Takeshita, Yosuke Morimoto

Nishi Memorial Port Island Rehabilitation Hospital, Japan

APP2-5 Effects of Early Vibration Training on Muscle Strength and Functional Recovery in Acute Stroke Patients

○ Chia-Huei Lin

National Defense Medical University, Taiwan

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AsiaPRevent and English Session Poster 3 「Epidemiology & Healthcare Systems」

Chairs : Satoshi Kurose (Kansai Medical University, Japan)

Akihiro Hirashiki (National Center for Geriatrics and Gerontology, Japan)

APP3-1 Impact of Statins on Cardiovascular Outcomes in Patients with Coronary Artery Disease Undergoing Maintenance Hemodialysis: A Meta-analysis with Trial Sequential Analysis A Meta-Analysis

○Tetsuya Ishikawa¹, Masatoshi Shimura², Kota Yamada², Tomoaki Ukaji², Itaru Hisauchi²

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²Department of Cardiology, Dokkyo Medical University Saitama Medical Center, Japan

APP3-2 High-Stress, High-Risk: Atherogenic Index of Plasma Uncovers Cardiovascular Threats in Police Officers

○Nadyalifa Tania Putri¹, Faizah Sugiarto¹, Meity Ardiana²

¹Faculty of Medicine, Airlangga University, Surabaya, Indonesia,

²Department of Cardiology and Vascular Medicine, Faculty of Medicine, Airlangga University, Dr. Soetomo Academic General Hospital, Surabaya, Indonesia

APP3-3 Age-Dependent Disparities of Clinical Profile and Outcomes in Women with Acute Coronary Syndrome: An Insight from Central Java Indonesia

○Helena Ayatasya Kusuma Cantika¹, Aida Yulia Amany¹, Hari Hendriatri Satoto², Safir Safir²

¹Cardiology resident at Department of Cardiology and Vascular Medicine, Faculty of Medicine, Diponegoro University, Dr. Kariadi Central General Hospital Semarang, Indonesia,

²Cardiologist at Department of Cardiology and Vascular Medicine, Faculty of Medicine, Diponegoro University, Dr. Kariadi Central General Hospital Semarang, Indonesia

APP3-4 Serum endothelin-1 level increases in hypertensive Indonesian females: A populational study

○Anggoro Budi Hartopo, Maria Patricia Inggriani, Jajah Fachiroh, Fatwa Sari Tetra Dewi

Faculty of Medicine, Public Health, and Nursing, Universitas Gadjah Mada, Indonesia

APP3-5 Improving Participation of Eligible Patients in Phase II Cardiac Rehabilitation Program (CRP)

○Natrash Zakaria, Zarifah Yusoff, Farhah Amalina Muhd Ehsan, Saari Mohamad Yatim

Sultan Idris Shah Hospital Serdang, Selangor, Malaysia

Day1 July 18 (Sat.) 13:25 ~ 14:25 Poster Room (Makuhari Messe, 1F International Exhibition Hall 8)

AsiaPrevent and English Session Poster 4 「Exercise Capacity & Functional Assessment」

Chairs : Cao Pengyu (Cardiovascular Rehabilitation Center, Changzhou No.2 People's Hospital, The Affiliated Hospital of Nanjing Medical University, China)
Makoto Murata (National Cerebral and Cardiovascular Center, Japan)

APP4-1 Impact of Collaborative Cardiovascular Surgery Ward Rounds on Postoperative Cardiac Rehabilitation

○ Junichi Funada¹, Toyofumi Yoshii¹, Kensuke Sekiya¹, Shigehiro Miyazaki¹,
Tomohide Higaki², Takuma Fukunishi², Hirotsugu Kurobe², Hironori Izutani²

¹Department of Cardiology, NHO Ehime Medical Center, Japan,

²Department of Cardiovascular Surgery, Ehime University Hospital, Japan

APP4-2 Multidimensional Determinants of Exercise Capacity in Patients Undergoing Treadmill Test

○ Ega Lawalata Yolanda, Justin Justin Justin, Ardelia Ardelia Kurniawan,
Helena Ayatasya Kusuma Cantika, Hari Hendriarti Satoto

Department of Cardiology and Vascular Medicine, Faculty of Medicine, Diponegoro University, Indonesia

APP4-3 Correlation Between Age, Anthropometry Characteristic and Metabolic Index with Functional Capacity in Coronary Syndromes Patients who Undergo Percutaneous Coronary Intervention

○ Fransisca Metta Halim, Nancy Sicilia Lampus, Victor Florencia Joseph,
Leonard Kamang Moningkey, Retno Sari Patongloan,
Andreas Ndjoekaandoeng Moekoe, Andika Khosuma Liando

Departement of Cardiology and Vascular Medicine Sam Ratulangi University Prof. Dr. R.D. Kandou General Hospital, Manado, Indonesia

APP4-4 Sex-Based Differences in Central Adiposity and Functional Exercise Capacity: Insights from Body Roundness Index and Walk Test Performance in Patients with Coronary Artery Disease

○ Gerrit Jefferson Pangemanan^{1,2}, Nancy Sicilia Lampus^{1,2}, Victor Joseph^{1,2},
Edmond Leonard Jim^{1,2}, Vekky Sariowan^{1,2}, Kalista Yuliet^{1,2},
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APP4-5 Beyond Body Weight: Obesity Phenotypes and Functional Capacity After Phase I Cardiac Rehabilitation

○ A. A. Ayu Dwi Adelia Yasmin¹, I Wayan Gede Sutadarma², I Nyoman Wiryawan¹

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APP4-6 Hidden Cardiovascular Vulnerability in a Sacred Journey: Predictors of Functional Capacity among Hajj Pilgrims

○ Faizah Sugiarto¹, Nadyalifa Tania Putri¹, Meity Ardiana²

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AsiaPrevent and English Session Poster 5 [Heart Failure & Muscle Function]

Chair : Kushal Madan (Sir Ganga Ram Hospital, India)

APP5-1 Association between quadriceps rate of force development and physical performance in older patients with heart failure

○ Takuji Adachi¹, Ryosuke Hosono², Taisei Sano³, Kenichi Shibata³, Hideki Kitamura⁴

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⁴Department of Cardiovascular Surgery, Nagoya Heart Center, Japan

APP5-2 Effects of Inspiratory Muscle Training on Exercise Capacity and Respiratory Function in Patients Enrolled in a Heart Failure Post-Acute Care Program : A Pilot Study

○ Pei-Chun Tsai

Tungs Taichung MetroHarbor Hospital, Taiwan

APP5-3 Humanin/C-reactive protein levels mediate the poor prognosis in the patients with acute myocardial infarction

○ Shuai Yin, Hui Zhou, Pengyu Cao

The Third Affiliated Hospital of Nanjing Medical University, China

APP5-4 Handgrip Strength and Quality of Life in Heart Failure: Evidence from Decompensated and Compensated Patients

○ RR Hari Hendriarti Satoto¹, Lourensia Brigita Astern Praha^{1,3},
Bonaventura Adhi Yogiswara², Aida Yulia Aman^{1,3},

¹Kariadi Hospital, Indonesia, ²Ngesti Waluyo Hospital, Indonesia, ³Diponegoro University, Indonesia

APP5-5 Muscle Mass and Quality in Elder Patients with Heart Failure: Comparing with Patients with Knee Osteoarthritis

○ Fang-Yun Liu, Ssu-Yuan Chen

Department of Physical Medicine and Rehabilitation, Fu Jen Catholic University Hospital, Taiwan

APP5-6 Optimal Exercise Delays the Progression of Cardiac Dysfunction in Type 2 Diabetes Mellitus

○ Frisky Ronald Marbun¹, Miftah Pramudyo¹, Rhinza Seputra Simanjuntak¹,
Rheza Simanjuntak², Tatyana Sianipar³

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AsiaPRevent and English Session Poster 6 「Respiratory Rehabilitation」

Chair : Ssu-Yuan Chen (Department of Physical Medicine & Rehabilitation, Fu Jen Catholic University Hospital, Taiwan)

APP6-1 Effects of Phase II Cardiopulmonary Rehabilitation Combined with Respiratory Muscle Training on Pulmonary Function in an Adult Postoperative Tetralogy of Fallot Patient: A Case Report

○ Li-Chen Pai

Tungs Taichung MetroHarbor Hospital, Taiwan

APP6-2 Correlation between respiratory muscle function and intrathecal injection in spinal muscular atrophy(SMA)

○ Jing Hui Chung, Qiao-Ying Huang, Cheng Cheng Chang

Department of Physical Medicine and Rehabilitation, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung, Taiwan

APP6-3 Integrated Cardiopulmonary Rehabilitation Combining Negative-Pressure Ventilation, Eccentric Cycling Training, and High-Intensity Interval Training in a COPD Patient with Diastolic Dysfunction: A Case Report

○ Hui-Wen Hsu^{1,2}, Bo-Yen Chen⁵, Wen-Ru Chou⁴, Dong-Feng Yeih^{7,9},
Pang-Shuo Huang^{6,9,10}, Wei-Lun Liu^{3,7,8}, Jong-Shyan Wang¹, Ssu-Yuan Chen^{6,11}

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APP6-4 Coordinated Care, Faster Freedom: Six-Step Strategy for Ventilator Weaning in Acute COPD

○ Yu-Erh Liang¹, Ai-Chin Cheng², Hui Mei Huang³, Shu-Chi Li⁴

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APP6-5 Acute effects of 5-minute Omkara and Chakra Meditation on Hemodynamic Variables in primary hypertensive patients

○ Siddhant Yadav, Shashikiran H C

Rajiv Gandhi University of Health and Sciences, Bangalore, India