**P01**  
Increased frequency of CD4⁺CD57⁺ senescent T cells is associated with clinical outcome in patients with acute heart failure  
Jong-Chan YOUN (Dongtan Sacred Heart Hospital, Korea)

**P02**  
Effect of Sodium Glucose Cotransporter 2 Inhibitor on Left Ventricular Diastolic Function in Rabbit Diabetic Model  
Darae Kim (Samsung Medical Center, Korea)

**P03**  
Early Detection of Chemo-cardiotoxicity Assessed by Layer Specific Strain: Myocardial Layer is Most Vulnerable to Anthracycline Chemotherapy  
Seong-Mi Park (Korea University Medical Center Anam Hospital, Korea)

**P04**  
Insights from Indonesia Heart Failure Registry: Study of Clinical Profile, Risk Factors, Etiology and In-Hospital Mortality  
Bagas Adhimurda Marsudi (National Cardiovascular Center Harapan Kita, Indonesia)

**P05**  
Clinical characteristics and outcomes in patients with HFrecEF: an analysis from the Korean Acute Heart Failure (KorAHF) Registry  
Jin Joo Park (Seoul National University Bundang Hospital, Korea)

**P06**  
Acute effects of nicorandil on cardiac infarct size in patients with ST-segment elevation acute myocardial infarction: Interim analysis of a randomized trial  
Ji-Yeon Shin (Pusan National University Hospital, Korea)

**P07**  
Trimetazidine protects against myocardial ischemia/reperfusion injury by inhibiting excessive autophagy via activating the AKT/mTOR pathway  
Shiyong Wu (The First Affiliated Hospital of Chongqing Medical University, Chongqing Medical University, China)

**P08**  
Cardioprotective effects of statin in doxorubicin-induced cardiotoxicity by modulating survivin expression through inhibition of FoxO1 activity  
Jaewon Oh (Severance Cardiovascular Hospital, Korea)

**P09**  
Admission and discharge blood pressure influence medical prescription and clinical outcomes of patients with decompensated heart failure: From KorHF investigators  
Sang-Ho Jo (Hallym University Sacred Heart Hospital, Korea)

**P10**  
THE LONGITUDINAL STRAIN AND CARDIAC RESPONSE IN CARDIAC AMYLOIDOSIS  
Min Sun Kim (Samsung Medical Center, Korea)

**P11**  
A woman with persistent fever and chill during recovery after successful heart transplantation  
Ji-Hun Song (Keimyung University School of Medicine, Korea)

**P12**  
Muscular fitness is strongly associated with aerobic capacity and re-hospitalization in patients with heart failure  
Ho-Youl Ryu (Severance Cardiovascular Hospital, Korea)

**P13**  
A SYSTEMATIC REVIEW OF NONPHARMACOLOGICAL INTERVENTIONS AND OUTCOME MEASUREMENTS FOR PATIENTS WITH DIASTOLIC HEART FAILURE  
Jeong-Ah Ahn (Ajou University, Korea)

**P14**  
Impact of Maternal Age at Birth and other Risk Factors for Peripartum Cardiomyopathy  
Sunki Lee (Dongtan Hospital, Korea)
P15 Performance measurement has a different prognostic implication in de novo vs. acute decompensated heart failure. - Report from the Registry (Prospective Cohort) for Heart Failure in Korea (KorAHF)
Byung-Su Yoo (Wonju College of Medicine Yonsei University, Korea)

P16 Effects of continuous positive airway pressure therapy on right ventricular function in patients with severe obstructive sleep apnea: data from CPAP-OASIS, a randomized, sham-controlled clinical trial
Darae Kim (Samsung Medical Center, Korea)

P17 Extracellular volume by Cardiac Magnetic Resonance Predicts Outcomes in Patients with Severe Aortic Stenosis who underwent Aortic Valve Replacement
Sung-Ji Park (Samsung Medical Center, Korea)

P18 Recurrence of multiple myeloma in pericardium after heart transplantation of amyloid heart
Mi-Na Kim (Korea University Medical Center Anam Hospital, Korea)

P19 Relation of N-Terminal Pro B-Type Natriuretic Peptide and Left Ventricular Diastolic Function to Exercise Tolerance in Patients with Significant Valvular Heart Disease and Normal Left Ventricular Systolic
Ji-Won Hwang (Ilsan Paik Hospital Inje University College of Medicine, Korea)

P20 Gender difference in the impact of coexistent diabetes mellitus on long-term clinical outcome in patients with heart failure: A report from the Korean Heart Failure Registry (KorHF)
Kyung Taek Park (Boramae Medical Center, Seoul National University College of Medicine, Korea)

P21 Gender differences in clinical outcomes between heart failure with preserved ejection fraction and heart failure with reduced ejection fraction: A report from the Korean Heart Failure Registry
Jaehoon Chung (National Medical Center, Korea)

P22 Impact of Left Bundle Branch Block on Left Atrial Dyssynchrony and Its Relationship to Left Ventricular Diastolic Function in Dilated Cardiomyopathy
Seong-Mi Park (Korea University Medical Center Anam Hospital, Korea)

P23 Predictor Factors of New Onset Heart Failure in Post Catheterized Patients
Fransiscus Nikodemus Hosea (Otorita Batam Hospital, Indonesia)

P24 The Impact of Coronary Artery Disease on Clinical Outcomes in Heart Failure With Mid-Range Ejection Fraction Patients
Jeong Cheon Choe (Pusan National University Hospital, Korea)

P25 Gender Differences in Heart Failure With Mid-Range Ejection Fraction Patients
Jeong Cheon Choe (Pusan National University Hospital, Korea)

P26 Adverse Effects of Left Ventricular Electrical Dyssynchrony on Cardiac Reverse Remodeling and Prognosis after Aortic Valve Surgery
Soo Youn Lee (Sejong General Hospital, Korea)

P27 Correlation between Skin Impedance and NT-proBNP in Heart Failure with Preserved Ejection Fraction
In-Cheol Kim (Keimyung University Dongsan Medical Center, Korea)

P28 Prognostic Utility of Soluble Suppression of Tumorigenicity 2 level as a Predictor of Clinical Outcomes in Incident Hemodialysis Patients
Suk Min Seo (Seoul St. Mary’s Hospital, Catholic University of Korea, Korea)

P29 Differences in Health literacy, Knowledge, Self-care Behaviors Based on Rehospitalization within 3-years of Elderly patients with Heart Failure
P30  The presence of cardiac autonomic dysfunction in patients with diastolic dysfunction: from KoRean wOmen’S chest pain rEgistry (KoROSE)

Mi‐Na Kim (Korea University Medical Center Anam Hospital, Korea)

P31  Blood Urea Nitrogen/Creatinine Ratio As a Predictor of Length of Stay in Patients with Acute Heart Failure: An Insight from HF Registry in National Cardiovascular Center Harapan Kita

Azka Rizky Hidayat (National Cardiovascular Center Harapan Kita, Indonesia)

P32  Heart failure in liver cirrhosis: Diastolic dysfunction or High-output status?

Mi‐Na Kim (Korea University Medical Center Anam Hospital, Korea)

P33  Left ventricular assist device followed by heart transplantation

Su Yeon Lee (Samsung Medical Center, Korea)

P34  Inverse Correlation between Increasing Body Mass Index and Mortality in Asian Heart Failure

Jung‐Woo Son (Wonju Severance Christian Hospital, Korea)

P35  Dobutamine stress echocardiography for predicting LV reverse-remodeling in idiopathic dilated cardiomyopathy

Jung‐Woo Son (Wonju Severance Christian Hospital, Korea)

P36  Cardiovascular risk in patients with Behçet’s disease: A nationwide population-based dynamic cohort study

Hyo‐Suk Ahn (Uijeongbu St. Mary’s Hospital, The Catholic University of Korea, Korea)

P37  Ceiling dose of Valsartan improves ventriculo-vascular coupling index in patients with heart failure and reduced left ventricular ejection fraction

Jongwook Yu (Gachon University Gil Hospital, Korea)

P38  The influence of heart failure on medical consumptions in patients with infectious diseases: a nationwide study

Chien‐Chang Liao (Taipei Medical University Hospital, Taiwan)

P39  N-terminal Pro-B type Natriuretic Peptide Imply Left Ventricular Diastolic Function But Is A Low Sensitivity Marker

Hanul Choi (Gachon University Gil Hospital, Korea)

P40  Impact of β-blocker on Prognosis in Heart Failure with Recovered Ejection Fraction: An analysis from the Korean Acute Heart Failure (KorAHF) Registry

Jin Joo Park (Seoul National University Bundang, Korea)

P41  Differential impact of cardiovascular risk factors on aorta and coronary artery aging

Mi‐Jeong Kim (Incheon St.Mary’s Hospital, The Catholic University of Korea, Korea)

P42  Gender difference in the prognostic value of N-terminal pro-B type natriuretic peptide in patients with heart failure: A report from the Korean Heart Failure Registry (KorHF)

Hack‐Lyoung Kim (Boramae Medical Center, Seoul National University College of Medicine, Korea)

P43  Comparison of participants’ characteristics of cardiac rehabilitation program before and after the national health insurance coverage.

Doeun Yun (Severance Cardiovascular Hospital, Korea)
P44  Effect of Physical Activity on the Cardiovascular Risk Profiles in Korean Population: Results from KNHANES
Mi-Hyang Jung  (Chuncheon Sacred Heart Hospital, Korea)

P45  Case report: Idiopathic Pulmonary Artery Aneurysm With Pulmonary Regurgitation
Hanul Choi  (Gachon University Gil Hospital, Korea)

P46  Meteorologic Factors Triggering Atrial Fibrillation Aggravation: Database from the National Health Insurance and the National Weather Service in South Korea
Kim La Eun  (Pusan National University Hospital, Korea)

P47  Neurologic outcome in patients with successfully resuscitated from out-of-hospital cardiac arrest according to the timing of initiating therapeutic hypothermia
Kim La Eun  (Pusan National University Hospital, Korea)

P48  Rhythm versus Rate Control in Patients with Atrial Fibrillation Combined with Left Ventricular Systolic Dysfunction: A Meta-Analysis
Ji-Yeon Shin  (Pusan National University Hospital, Korea)

P49  Outcomes of de novo and acute decompensated heart failure patients according to ejection fraction
Ki Hong Choi  (Samsung Medical Center, Korea)

P50  Guideline-Directed Medical Therapy for Patients with Heart Failure with Mid-Range Ejection Fraction; A Patient Pooled Analysis from Korean Heart Failure (KorHF) and Korean Acute Heart Failure (KorAHF)
Ki Hong Choi  (Samsung Medical Center, Korea)

P51  Effect of TNAP on Cardiac Fibrosis in Rats with Myocardial Infarction
Lei GAO  (The First Affiliated Hospital of Chongqing Medical University, Chongqing Medical University, China)

P52  Long term outcome of improvement of worsening renal function during admission of acute heart failure: results from the Korean Acute Heart Failure Registry (KorAHF)
Kyung-Jin Kim  (Ewha Womans University Medical Center, Korea)

P53  The association of global longitudinal strain with clinical outcomes in heart failure patients with severe left ventricular systolic dysfunction
Hye Won Lee  (Pusan National University Hospital, Korea)

P54  Adverse outcomes after fracture in patients with heart failure: a nationwide study
Yi-Chun Chou  (China Medical University Hospital, Taiwan)

P55  Impact of gender and body mass index on exercise capacity of patients with hypertrophic cardiomyopathy
Bong-Joon Kim  (Kosin University College of Medicine, Korea)

P56  Clinical Profile of Heart Failure with Very Low Ejection Fraction (HF-VLEF) in National Cardiovascular Center Harapan Kita (NCCHK)
Jimmy Oi Santosos  (National Cardiovascular Center Harapan Kita/Universitas Indonesia, Indonesia)

P57  Impaired left ventricular diastolic function is related to the formation of left ventricular apical thrombus in patients with acute anterior myocardial infarction
Jae-Hyeong Park  (Chungnam National University Hospital, Korea)

P58  Presence of pulmonary hypertension is a poor prognostic factor in patients with primary mitral regurgitation not in secondary mitral regurgitation
Ju Hee Lee (Chungbuk National University Hospital, Korea)

P59 Impaired two-dimensional global longitudinal strain of left ventricle predicts adverse long-term clinical outcomes in patients with acute myocardial infarction
Jae-Hyeong Park (Chungnam National University Hospital, Korea)

P60 Lower high sensitive troponin T level is associated with favorable response to cardiac resynchronization therapy in heart failure patients
Jaewon Oh (Severance Cardiovascular Hospital, Korea)

P61 Effect of cardiac rehabilitation on muscle mass, muscle strength, and exercise tolerance in patients with heart failure
Kyung-Hee Kim (Sejong General Hospital, Korea)

P62 The effect of hemoglobin level on rehospitalization and death in patients of heart failure with preserved ejection fraction
Mi Hee Noh (Seoul National University Bundang Hospital, Korea)

P63 Evolutionary Knowledge-based decision support system for diagnosis of congestive heart failure
Taqdir Ali (Kyung Hee University, South Korea)