ORIGINAL ARTICLES

Association of Concentric Left Ventricular Hypertrophy With Subsequent Change in Left Ventricular End-Diastolic Volume: The Dallas Heart Study
Sonia Garg, MD, MEng; James A. de Lemos, MD; Susan A. Matulevicius, MD, MSCS; Colby Ayers, MS; Ambanish Pandey, MD; Ian J. Neeland, MD; Jarett D. Berry, MD, MS; Roderick McCoil, PhD; Christopher Maroules, MD; Ronald M. Peshock, MD; Mark H. Drazner, MD, MSc

Health-Related Quality of Life Outcomes in PARADIGM-HF
Eldrin F. Lewis, MD, MPH; Brian L. Caggott, PhD; John J. V. McMurray, MD; Milton Packer, MD; Martin P. Lefkowitz, MD; Jean L. Rouleau, MD; Jiankang Liu, PhD; Victor C. Shi, MD; Michael R. Zile, MD; Akshay S. Desai, MD, MPH; Scott D. Solomon, MD; Karl Swedberg, MD, PhD

Dose of Angiotensin-Converting Enzyme Inhibitors and Angiotensin Receptor Blockers and Outcomes in Heart Failure: A Meta-Analysis
Muhammad Shazzeb Khan, MD; Gregg C. Fonarow, MD; Ali Ahmed, MD, MPH; Stephen J. Greene, MD; Muthiah Vaduganathan, MD, MPH; Hassan Khan, MD; Catherine Marti, MD; Mihai Gheorghiade, MD; Javed Butler, MD, MPH, MBA

Goldilocks Dilemma of Dose Titration in Heart Failure With Reduced Ejection Fraction: Too Little, Too Much, or Just Right?
Larry A. Allen, MD, MHS; James C. Fang, MD

Heart Failure Increases the Risk of Adverse Renal Outcomes in Patients With Normal Kidney Function
Lekha K. George, MD; Santhosh K.G. Kasth, MD, MBA; Miklos Z. Molnar, MD, PhD; Fridtjof Thomas, PhD; Jun L. Lu, MD; Kamyar Kalantar-Zadeh, MD, MPH, PhD; Csaba P. Kovesdy, MD

Progenitor Cells and Clinical Outcomes in Patients With Heart Failure
Ayman Samman Tahhan, MD; Muhammad Hammadah, MD; Pratik B. Sandesara, MD; Salim S. Hayek, MD; Andreas P. Kalogeropoulos, MD, PhD; Ayman Alkhofer, MD; Heval Mohamed Keili, MD; Matthew Topel, MD, MSc; Nima Ghaseemzadeh, MD; Kavanya Chivukula, MD; Yi-An Ko, PhD; Hiroshi Aida, BS; Iraj Hesarioieh, MD; Ernestine Mahar, BS; Jonathan H. Kim, MD; Peter Wilson, MD; Leslee Shaw, PhD; Viola Vaccarino, MD, PhD; Edmund K. Waller, MD, PhD; Arshed A. Quyyumi, MD

Relaxation and the Role of Calcium in Isolated Contracting Myocardium From Patients With Hypertensive Heart Disease and Heart Failure With Preserved Ejection Fraction
K. Elisabeth Runte, MD; Stephen P. Bell, BA; Donald E. Selby, PhD; Tim N. Häußler, MS; Takamuru Ashikaga, PhD; Martin M. LeWinter, MD; Bradley M. Palmer, PhD; Markus Meyer, MD
ON MY MIND

Who Should Deliver Medical Therapy for Patients With Chronic Heart Failure?
An Immediate Call for Action to Implement a Community-Based Collaborative Solution
Milton Packer, MD

IMAGES AND CASE REPORTS IN HEART FAILURE

Isolated Fourth Heart Sound
Shun Yokota, MD; Shumpei Mori, MD, PhD; Fumiaki Kanazawa, MD; Hiroyuki Toh, MD; Yuto Shinkura, MD; Yasuna Takuma; Hiroshi Imada, MD; Koji Fukuzawa, MD, PhD; Ken-ichi Hirata, MD, PhD