

I. Basic Concepts in HF

1. Definitions and Clinical Diagnosis of Heart Failure

Katerina K. Naka, MD PhD and Aris Bechlioulis, MD PhD

2. Epidemiology of Heart Failure

Lampros Papadimitriou, MD PhD, Prabhjot Grewal, MD and Andreas Kalogeropoulos, MD MPH PhD

3. Pathophysiology of Heart Failure with Reduced Ejection Fraction

Jacob Cao, MD, John O'Sullivan, MD PhD and Sean Lal, MD PhD

4. The Pathophysiology of Heart Failure with Preserved Ejection Fraction

Vishal N. Rao, MD MPH and Kishan S. Parikh, MD

5. Principles of Heart Failure Pharmacotherapy

Erika L. Hellenbart, PharmD BCPS, Stephanie M. Dwyer, PharmD BCCP and Robert J. DiDomenico, PharmD BCPS-AQ Cardiology

6. Implantable Device Therapy in Heart Failure

Maxwell Eyrarn Afari, MD and Lana Tsao, MD

II. Acute Decompensated Heart Failure

7. Pathophysiology and Clinical Evaluation of The Patient with Acute Heart Failure

George Bakosis, MD MS, Vasiliki Bistola, MD, Eftyhia Polyzogopoulou, MD PhD and John Parissis, MD PhD

8. Therapeutic Approaches in Acute HF

Getu Teressa, MD PhD, Rachel A. Bright, BS and Andreas P. Kalogeropoulos, MD MPH PhD

9. Advanced Therapeutic Options in Acute HF

Tiffany Dong, MD, Aditi Nayak, MD and Alanna Morris MD, MSc

III. Managing Chronic Heart Failure

10. Outpatient Management of Stable Heart Failure with Reduced Ejection Fraction

Leah Reid MD, Jonathan Murrow MD, Kent Nilsson MD and Catherine Marti MD MSc

11. Exercise and Rehabilitation in HF

Audrey Borghi-Silva, PhD PT, Flávia Rossi Caruso. PhD PT and Renata Gonçalves Mendes, PhD PT

12. The Patient with Ischemic Heart Failure

Konstantinos Aznaouridis, MD PhD, Constantina Masoura, MD PhD and Charalambos Vlachopoulos, MD PhD

13. The Non-Ischemic HF Patient

Maria – Anna Bazmpani, MD PhD and Theodoros D. Karamitsos, MD PhD

14. Valvular Heart Disease and Heart Failure

Kali Polytarchou, MD and Constantina Aggeli, MD PhD

15. The Management of Patients with Heart Failure with Preserved Ejection Fraction (HFpEF)

Jodie L. Kenes, MD, Richard B. Stacey, MD and Bharathi Upadhyya, MD

16. Heart Failure with Recovered Ejection Fraction (HFrecEF) and Heart Failure with Midrange Ejection Fraction (HFmrEF)

Amil M. Shah, MD MPH and Jenine E. John, MD

17. The Advanced HF Patient

Eran Kalmanovich, MD, Philippe Gaudard, MD and François Roubille, MD

18. Palliative Care and Advanced Directives in Heart Failure

Melissa Owen, PhD, RN, FHFSa, CNE and Debbie A. Gunter RN, MN, FNP-BC, ACHPN

IV. Managing cardiovascular comorbidities in heart failure

19. Management of Hypertension in Heart Failure

Jesse Kane, MD, Clive Goulbourne, MD and Hal. A. Skopicki, MD PhD

20. Management of Atrial Fibrillation in Patients with Heart Failure

Panagiotis Korantzopoulos, MD PhD and Aris Bechlioulis, MD PhD

21. Ventricular Arrhythmias in Heart Failure

Antonis S. Manolis, MD PhD, Antonis A. Manolis, DPT, MS and Theodora A. Manolis, MD

V. Noncardiac Comorbidities and HF

22. The Management of Patients with Heart Failure and Diabetes

Tiffany Dong, MD and Salim S. Hayek, MD

23. The Patient with Renal Dysfunction

Alexandros Briasoulis, MD PhD, Kristine Yumul, MD and Paulino Alvarez, MD

24. The Patient with Anemia and Iron Deficiency

Haye H. van der Wal, MD and Peter van der Meer, MD, PhD

25. Management of Neurologic and Psychiatric Illness in the Patient with Heart Failure

Gregory Kalaitzidis, MD and Evangelos Pavlos Myserlis, MD

VI. The Patient with Right Heart Disease

26. Pulmonary Hypertension and Right Ventricular Failure from Left Heart Disease

Anjan Tibrewala, MD and Jonathan D. Rich, MD

27. The Patient with Non-Group 2 Pulmonary Hypertension

Sophia Anastasia Mouratoglou, MD MSc PhD and George Giannakoulas, MD PhD

VII. Special Cases of HF

28. Heart Failure in Adult Congenital Heart Disease

Andrew Constantine, MD, Ana Barradas-Pires, MD MSc, Isma Rafiq, MD, Justyna

Rybicka, MD, Michael A Gatzoulis, MD and Konstantinos Dimopoulos, MD

29. Cancer Therapies and Cardiac Dysfunction

Victoria Schuster, MD MS, Katherine Godfrey, BA and Michelle E. Bloom, MD

30. Peripartum Cardiomyopathy and Heart Failure in Pregnancy

Anita Saraf, MD PhD and Fred H. Rodriguez III, MD

31. Dilated Cardiomyopathy

*Marco Merlo, MD, Alessia Paldino, MD, Giulia De Angelis., MD and Gianfranco Sinagra,
MD*

32. Stress Cardiomyopathy (Takotsubo Syndrome)

*Marco Giuseppe Del Buono, MD, Juan Guido Chiabrando, MD, VCU Pauley Heart
Center, Krishna Ravindra, MD and Antonio Abbate, MD*

33. Hypertrophic Cardiomyopathy

Ahmad Masri, MD MS and Stephen B. Heitner, MD

34. Myocarditis

George Lazaros, MD PhD, Emilia Lazarou, MD and Dimitris Tousoulis, MDPHD

35. Infiltrative Diseases: Amyloid

Melissa Lyle, MD and Kunal Bhatt, MD

36. Infiltrative Cardiomyopathies: Fabry Disease and Iron-overload Cardiomyopathy

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