

Advances in Heart Failure Care From optimal pharmacotherapy to remote monitoring and left ventricular assist devices

1. More specific recommendations on top of the guidelines are necessary to prescribe foundational HF therapy in a personalized manner. *(this thesis)*
2. There is a need for prospective studies to identify challenges related to implementation of heart failure drug therapy that physicians face in daily clinical practice. *(this thesis)*
3. Remote pulmonary artery pressure monitoring with the CardioMEMS HF system will have impact on European heart failure care. *(this thesis)*
4. Upscaling of remote monitoring is not possible without countering the anticipated increase in burden on hospital resources and healthcare personnel. *(this thesis)*
5. Left ventricular assist device therapy should not be withheld from female patients. *(this thesis)*
6. Although the proportion of patients reaching the 'target dose' is often used as a measure of good prescribing, this approach provides a limited and perhaps flawed assessment of the adequacy of treatment. *T. Kondo et al. Eur J Heart Fail. 2022;24(3):421-430.*
7. New ways of thinking and cultural shifts are needed to include under-represented groups in clinical trials as a path to health equity. *K.R. Tuttle & J. Rangaswami. Lancet. 2022;400(10354):711-713*
8. Ultimately, a system that is cost-efficient, user-friendly and person-centred does not need to show that it improves outcome; it only needs to show that it is not inferior to traditional ways of delivering care. *J.G.F. Cleland et al. Eur J Heart Fail. 2020;22(6):995-998*
9. In summary, the future of LVAD therapy is bright but we must not only pursue innovative engineering but also focus on clinical implementation to provide such therapy to advanced heart failure patients in a timely manner. *M.R. Mehra. J Card Fail. 2022;28;5-6*
10. Measure what can be measured, and make measurable what cannot be measured. *Galileo Galilei*
11. Success is the ability to go from one failure to another without losing enthusiasm. *Sir Winston Churchill*