The handle [http://hdl.handle.net/1887/36056](http://hdl.handle.net/1887/36056) holds various files of this Leiden University dissertation

**Author:** Bertini, Matteo  
**Title:** Left ventricular mechanics in advanced heart failure patients  
**Issue Date:** 2015-11-03
Left ventricular mechanics in advanced heart failure patients

1. An effective left ventricular pumping function requires the combination of preserved left ventricular architecture and a preserved electrical conduction system. (this thesis)

2. Left ventricular twist is reduced in heart failure patients and improves in patients who respond to cardiac resynchronization therapy. (this thesis)

3. Previous data suggest that the extent and location of left ventricular fibrosis, strongly influence response to cardiac resynchronization therapy in patients with ischemic etiology of heart failure (this thesis)

4. Left ventricular reverse remodeling is an important and independent predictor of outcome in cardiac resynchronization therapy recipients over other well established predictors of mortality in the general heart failure population. (this thesis)

5. It is conceivable that, due to the improvement of left ventricular function thanks to effective myocardial revascularization, preoperative ejection fraction is only a good marker of surgical risk at short term, but not predictive of chronic heart failure at follow-up. (M. Biffi et al. Int J Cardiol. 2005;105:11-14)

6. Looking at resynchronization during follow-up, it appears that exercise resynchronization plays a more important role than rest resynchronization in left ventricular reverse remodelling (G. Rocchi et al. Eur Heart J. 2009;30:89-97)

7. The different type of cardiomyopathy, at different stages of progression with variable electrical and structural remodeling, pose a challenge to getting the superlative left ventricular lead position. (J.P. Singh et al. J Am Coll Cardiol. 2010;55:576-8)

8. Improvement of left ventricular volume and function is closely related to pacing site, according to pioneering experience in cardiac resynchronization therapy and most recent studies (M. Biffi et al. Circ Arrhythmia Electrophysiol. 2009;2:402-410)

9. One step at a time is enough for me. (Mahatma Gandhi, [Porbandar, October 2, 1869 – New Delhi, January 30, 1948])

10. If you can not be a highway, be a trail. If you can not be the sun, be a star. Always be the best of who you are. (Martin Luther King [January 15, 1929 – April 4, 1968])

11. Audaces fortuna iuvat (Virgilio, Publius Vergilius Maro [Andes, October 15, 70 a.C. – Brindisi, September 21, 19 a.C.])

12. What we do is only a drop in the ocean. But if there was not that drop the ocean would lack. (Mother Teresa of Calcutta [26 August 1910 – 5 September 1997])