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Advanced echocardiographic techniques in hereditary cardiac diseases

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Advances echocardiographic techniques in patients with hereditary cardiac disease

1. Left ventricular global longitudinal strain provides incremental value in predicting adverse events in patients with hypertrophic cardiomyopathy as well as in patients with primary mitral regurgitation (this thesis)
2. Right ventricular impairment is relatively common in patients with hypertrophic cardiomyopathy and can be detected with right ventricular global longitudinal strain (this thesis)
3. Familial screening should be considered in all patients with Barlow's disease (this thesis)
4. Mitral valve annular abnormalities play an important role in the pathophysiology of Barlow's disease (this thesis)
5. Myocardial fibrosis in hypertrophic cardiomyopathy is associated with ventricular arrhythmias and can be detected by strain echocardiography (Haland et al, Eur Heart J Cardiovasc Imaging, 2016)
6. With the availability of the implantable cardioverter defibrillator (ICD), the principle of sudden cardiac death prevention has become reality in patients with hypertrophic cardiomyopathy (Maron et al, Am J Cardiol, 2015)
7. Left ventricular (LV) diameter and LV ejection fraction can be misleading in case of altered loading in significant mitral regurgitation, therefore more sophisticated techniques are needed like speckle-tracking echocardiography (Thomas et al, JACC imaging, 2018)
8. Distinguishing between Barlow's disease and fibro-elastic deficiency is crucial when evaluating outcome analysis to achieve a higher standard of clinical care (Adams et al, J Thorac Cardiovasc Surg, 2008)
9. Om de top te bereiken, heb je tegenslagen nodig waar je iets van kunt leren ('Something constructive comes from every defeat', Tom Landry, American Football player)
10. Focus niet op dat waar je geen invloed op hebt, maar leer er mee omgaan ('You can't adjust the wind, but you can change the sails', Jimmy Dean, singer)
11. Kwaliteit is belangrijker dan kwantiteit ('Je hoeft niet hard te fietsen om snel vooruit te komen', Jan-Willem van Schip, baanwielrenner)