

## QStrain Publication list

- 1. Pedrizetti G, Claus P, Kilner PJ, Nagel E**  
Principles of cardiovascular magnetic resonance feature tracking and echocardiographic speckle tracking for informed clinical use  
*J Cardiovasc Magn Resonance 2016; 18: 51-63*
- 2. Liu H, Cheng W, Yang D, Jiang B, Wan K, Li W, Dong Y, Chen Y**  
Comparison of two cardiovascular magnetic resonance feature tracking measurements for the assessment of left ventricular strain  
*SCMR 2017: T010*
- 3. Ibrahim E-S H, Kersjes E, Saberi S, Day S, Agarwal P**  
Harmonic phase versus feature tracking for evaluating regional myocardial function in hypertrophic cardiomyopathy  
*SCMR 2017: Poster 231*
- 4. Merlocco A, Cross R, Kellman P, Xue H, Hansen M, Olivieri L**  
Validation of CMR-derived left ventricular strain measurements by free-breathing motion-corrected cine imaging  
*J Am Coll Cardiol 2017; 69(11): 1448 (Abstract)*
- 5. Camporeale A, Gomez NC, Bandera F, Di Giovine G, Secchi F, Pieroni M, Pieruzzi F, Lusardi P, Spada M, Lombardi M**  
Regional impairment of systolic strain according to segmental wall thickness in Fabry disease: comparison with other forms of left ventricular hypertrophy.  
*EuroCMR 2017: (Abstract)*
- 6. Stabinskaite A, Bucius P, Urbonaite L, Vaitiekiene A, Benetis R, Zaliunas R, Lapinskas T**  
Mitral valve repair surgery reduces regional myocardial deformation in patients with severe primary mitral regurgitation: a pilot CMR Study  
*EuroCMR 2017: (abstract)*
- 7. Saleh MM, Logoteta J, Al Bulushi A, Gabbert D, Wegner P, Hoffmann U, Bannert F, Kramer HH, Rickers C**  
Global and regional right ventricular function and deformation in children with hypoplastic left heart syndrome (HLHS) assessed by MR-feature tracking  
*Abstract (2017)*

- 8. Bourfiss M, Vigneault DM, Ghasebeh MA, Murray B, James CA, Tichnell C, Housein FAM, Zimmerman SL, Kamel IR, Calkins H, Tandri H, Velthuis BK, Bluemke DA, Riele ASJM te.**  
Feature tracking CMR reveals abnormal strain in preclinical arrhythmogenic right ventricular dysplasia / cardiomyopathy: a multisoftware feasibility and clinical implementation study.  
*J Cardiovasc Magn Reson* 2017; doi: 10.1186/s12968-017-0380-4
- 9. Everdingen WM van, Zweerink A, Nijveldt R, Salden OAE, Meine M, Maass AH, Vernooij K, Lange FJ de, Rossum AC van, Croisille P, Clarysse P, Geelhoed B, Rienstra M, Gelder IC van, Vos MA, Allaart CP, Cramer MJ**  
Comparison of strain imaging techniques in CRT candidates: CMR tagging, CMR feature tracking and speckle tracking echocardiography  
*Int J Cardiovasc Imaging* 2017; doi: 10.1007/s10554-017-1253-5
- 10. Kresge HA, Khan OA, Wagener MA, Liu D, Terry JG, Nair S, Cambronero FE, Gifford KA, Osborn KE, Hohman TJ, Pechman KR, Bell SP, Wag TJ, Carr JJ, Jefferson AL.**  
Subclinical compromise in cardiac strain relates to lower cognitive performances in older adults.  
*J Am Heart Assoc* 2018; 7:e007562; Doi:10.1161/JAHA.117.007562