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- 1.149 Alfakih, Khaled, et al. "Normal human left and right ventricular dimensions for MRI as assessed by turbo gradient echo and steady-state free precession imaging sequences." *Journal of Magnetic Resonance Imaging: An Official Journal of the International Society for Magnetic Resonance in Medicine* 17.3 (2003): 323-329.
- 1.150 Colletti, Patrick M. "Deep learning for cardiac MRI: the time has come." (2019): 89-89.
- 1.151 Tao, Qian, et al. "Deep learning-based method for fully automatic quantification of left ventricle function from cine MR images: a multivendor, multicenter study." *Radiology* 290.1 (2019): 81-88.
- 1.152 Olivieri, Laura J., et al. "Normal right and left ventricular volumes prospectively obtained from cardiovascular magnetic resonance in awake, healthy, 0-12 year old children." *Journal of Cardiovascular Magnetic Resonance* 22.1 (2020): 1-12.
- 1.153 Luijnenburg, Saskia E., et al. "Intra-observer and interobserver variability of biventricular function, volumes and mass in patients with congenital heart disease measured by CMR imaging." *The international journal of cardiovascular imaging* 26.1 (2010): 57-64.
- 1.154 Mooij, Christiaan F., et al. "Reproducibility of MRI measurements of right ventricular size and function in patients with normal and dilated ventricles." *Journal of Magnetic Resonance Imaging: An Official Journal of the International Society for Magnetic Resonance in Medicine* 28.1 (2008): 67-73.
- 1.155 Varga-Szemes, Akos, et al. "Clinical feasibility of a myocardial signal intensity threshold-based semi-automated cardiac magnetic resonance segmentation method." *European radiology* 26.5 (2016): 1503-1511.
- 1.156 Zemrak, Filip, et al. "Excessive left ventricular trabeculation does not promote cardiac dysfunction in asymptomatic middle aged and older individuals with preserved cardiac function: an analysis from the Multi-Ethnic Study of Atherosclerosis." *Journal of Cardiovascular Magnetic Resonance* 17.1 (2015): 1-2.
- 1.157 Choi, Yeonu, et al. "Quantification of left ventricular trabeculae using cardiac magnetic resonance imaging for the diagnosis of left ventricular non-compaction." *Journal of Cardiovascular Magnetic Resonance* 17.1 (2015): 1-1.
- 1.158 Inage, Akio, and Naokazu Mizuno. "Impacts of right ventricular trabeculae and papillary muscles on volumes and function assessed by cardiovascular magnetic resonance using a novel

- software: semi-automatic threshold-based segmentation algorithm." *Journal of Cardiovascular Magnetic Resonance* 17.1 (2015): 1-2.
- 1.159 Tóth, Attila, et al. "Detecting trabecules of the systemic right ventricle during quantification yields better correlation with flow measurement derived data." *Journal of Cardiovascular Magnetic Resonance* 17.1 (2015): 1-2.
- 1.160 Baggen, Vivian JM, et al. "Pressure overloaded right ventricles: a multicenter study on the importance of trabeculae in RV function measured by CMR." *RISK PREDICTION* 30 (2014): 23.
- 1.161 Freling, Hendrik G., et al. "Impact of right ventricular endocardial trabeculae on volumes and function assessed by CMR in patients with tetralogy of Fallot." *The international journal of cardiovascular imaging* 29.3 (2013): 625-631.
- 1.162 Pertschy, S., R. Döker, R. Noeske, D. Hartung, M. Galanski, and J. Lotz. "Validation of Phase Contrast Measurements with Combined Parallel Imaging and Partial Fourier Acquisition." In *Proc. Intl. Soc. Mag. Reson. Med*, vol. 14, p. 2006. 1907.
- 1.163 Lankhaar, Jan-Willem, et al. "Correction of phase offset errors in main pulmonary artery flow quantification." *Journal of Magnetic Resonance Imaging: An Official Journal of the International Society for Magnetic Resonance in Medicine* 22.1 (2005): 73-79.
- 1.164 Gorter, Thomas M., et al. "Pulmonary regurgitant volume is superior to fraction using background-corrected phase contrast MRI in determining the severity of regurgitation in repaired tetralogy of Fallot." *The international journal of cardiovascular imaging* 31.6 (2015): 1169-1177.
- 1.165 Varga-Szemes, Akos, et al. "Clinical feasibility of a myocardial signal intensity threshold-based semi-automated cardiac magnetic resonance segmentation method." *European radiology* 26.5 (2016): 1503-1511.
- 1.166 Al Nafisi, Bahiyah, et al. "Fetal circulation in left-sided congenital heart disease measured by cardiovascular magnetic resonance: a case-control study." *Journal of Cardiovascular Magnetic Resonance* 15.1 (2013): 1-12.
- 1.167 Tsai-Goodman, Beverly, et al. "Foetal blood flow measured using phase contrast cardiovascular magnetic resonance—preliminary data comparing 1.5 T with 3.0 T." *Journal of Cardiovascular Magnetic Resonance* 17.1 (2015): 1-6.
- 1.168 Saini, Brahmdeep S., et al. "An MRI approach to assess placental function in healthy humans and sheep." *The Journal of Physiology* (2021).
- 1.169 Guo, Gang, Yonggui Yang, and Weiqun Yang. "Cerebral blood flow volume measurements of the carotid artery and ipsilateral

- branches using two-dimensional phase-contrast magnetic resonance angiography*☆." *Neural Regeneration Research* 6.30 (2011): 2367-2371.
- 1.170 Onen, F., et al. "Cerebrospinal fluid MR dynamics and risk of falls in the elderly." *Journal of neuroradiology* 32.1 (2005): 3-9.
- 1.171 Wentland, Andrew L., et al. "Accuracy and reproducibility of phase-contrast MR imaging measurements for CSF flow." *American Journal of Neuroradiology* 31.7 (2010): 1331-1336.
- 1.172 Beek, Aernout M., et al. "Quantification of late gadolinium enhanced CMR in viability assessment in chronic ischemic heart disease: a comparison to functional outcome." *Journal of Cardiovascular Magnetic Resonance* 11.1 (2009): 1-7.
- 1.173 Chan, Raymond H., et al. "Prognostic value of quantitative contrast-enhanced cardiovascular magnetic resonance for the evaluation of sudden death risk in patients with hypertrophic cardiomyopathy." *Circulation* 130.6 (2014): 484-495.
- 1.174 Harrigan, Caitlin J., et al. "Hypertrophic cardiomyopathy: quantification of late gadolinium enhancement with contrast-enhanced cardiovascular MR imaging." *Radiology* 258.1 (2011): 128-133.
- 1.175 Heydari, Bobak, et al. "Effect of omega-3 acid ethyl esters on left ventricular remodeling after acute myocardial infarction: the OMEGA-REMODEL randomized clinical trial." *Circulation* 134.5 (2016): 378-391.
- 1.176 Neizel, Mirja, et al. "Rapid and accurate determination of relative infarct size in humans using contrast-enhanced magnetic resonance imaging." *Clinical research in cardiology* 98.5 (2009): 319-324.
- 1.177 Choi, Eui-Young, et al. "Correction with blood T1 is essential when measuring post-contrast myocardial T1 value in patients with acute myocardial infarction." *Journal of Cardiovascular Magnetic Resonance* 15.1 (2013): 1-8.
- 1.178 Mavrogeni, Sophie, et al. "The reproducibility of cardiac and liver T2* measurement in thalassemia major using two different software packages." *The international journal of cardiovascular imaging* 29.7 (2013): 1511-1516.
- 1.179 Al-Saadi, Nidal, et al. "Noninvasive detection of myocardial ischemia from perfusion reserve based on cardiovascular magnetic resonance." *Circulation* 101.12 (2000): 1379-1383.
- 1.180 Al-Saadi, Nidal, et al. "Improvement of myocardial perfusion reserve early after coronary intervention: assessment with cardiac magnetic resonance imaging." *Journal of the American College of Cardiology* 36.5 (2000): 1557-1564.

- 1.181 Groothuis, Jan GJ, et al. "Low to intermediate probability of coronary artery disease: comparison of coronary CT angiography with first-pass MR myocardial perfusion imaging." *Radiology* 254.2 (2010): 384-392.
- 1.182 Nagel, Eike, et al. "Magnetic resonance perfusion measurements for the noninvasive detection of coronary artery disease." *Circulation* 108.4 (2003): 432-437.
- 1.183 Plein, Sven, et al. "Coronary artery disease: myocardial perfusion MR imaging with sensitivity encoding versus conventional angiography." *Radiology* 235.2 (2005): 423-430.
- 1.184 Rodrigues de Ávila, Luíz Francisco, et al. "Perfusion impairment in patients with normal-appearing coronary arteries: identification with contrast-enhanced MR imaging." *Radiology* 238.2 (2006): 464-472.
- 1.185 Selvanayagam, Joseph B., et al. "Resting myocardial blood flow is impaired in hibernating myocardium: a magnetic resonance study of quantitative perfusion assessment." *Circulation* 112.21 (2005): 3289-3296.
- 1.186 Yilmaz, Ali, et al. "Diagnostic value of perfusion cardiovascular magnetic resonance in patients with angina pectoris but normal coronary angiograms assessed by intracoronary acetylcholine testing." *Heart* 96.5 (2010): 372-379.
- 1.187 Pedrizzetti, Gianni, et al. "Principles of cardiovascular magnetic resonance feature tracking and echocardiographic speckle tracking for informed clinical use." *Journal of cardiovascular magnetic resonance* 18.1 (2016): 1-12.
- 1.188 van den Hoven, Allard T., et al. "Left ventricular global longitudinal strain in bicuspid aortic valve patients: head-to-head comparison between computed tomography, 4D flow cardiovascular magnetic resonance and speckle-tracking echocardiography." *The International Journal of Cardiovascular Imaging* 36 (2020): 1771-1780.
- 1.189 Pedrizzetti, Gianni, Jan Mangual, and Giovanni Tonti. "On the geometrical relationship between global longitudinal strain and ejection fraction in the evaluation of cardiac contraction." *Journal of biomechanics* 47.3 (2014): 746-749.
- 1.190 Pedrizzetti, Gianni, Jan Mangual, and Giovanni Tonti. "On the geometrical relationship between global longitudinal strain and ejection fraction in the evaluation of cardiac contraction." *Journal of biomechanics* 47.3 (2014): 746-749.
- 1.191 Pedrizzetti, Gianni, et al. "The relationship between EF and strain permits a more accurate assessment of LV systolic function." *JACC: Cardiovascular Imaging* 12.9 (2019): 1893-1895.

- 1.192 Pierpaolo, Palumbo, et al. "Left ventricular global myocardial strain assessment: Are CMR feature-tracking algorithms useful in the clinical setting?." *La radiologia medica* 125.5 (2020): 444-450.
- 1.193 Bucius, Paulius, et al. "Comparison of feature tracking, fast-SENC, and myocardial tagging for global and segmental left ventricular strain." *ESC heart failure* 7.2 (2020): 523-532.
- 1.194 Barreiro-Pérez, Manuel, et al. "Left ventricular global myocardial strain assessment comparing the reproducibility of four commercially available CMR-feature tracking algorithms." *European radiology* 28.12 (2018): 5137-5147.
- 1.195 Vago, Hajnalka, et al. "Biventricular pacing during cardiac magnetic resonance imaging." *EP Europace* 22.1 (2020): 117-124.
- 1.196 Tanacli, Radu, et al. "Range variability in CMR feature tracking multilayer strain across different stages of heart failure." *Scientific reports* 9.1 (2019): 1-12.
- 1.197 Ravesh, Mona Salehi, et al. "Non-contrast enhanced diagnosis of acute myocarditis based on the 17-segment heart model using 2D-feature tracking magnetic resonance imaging." *Magnetic resonance imaging* 65 (2020): 155-165.
- 1.198 Romano, Simone, et al. "Feature-tracking global longitudinal strain predicts mortality in patients with preserved ejection fraction: a multicenter study." *Cardiovascular Imaging* 13.4 (2020): 940-947.
- 1.199 Romano, Simone, et al. "Feature-tracking global longitudinal strain predicts death in a multicenter population of patients with ischemic and nonischemic dilated cardiomyopathy incremental to ejection fraction and late gadolinium enhancement." *JACC: Cardiovascular Imaging* 11.10 (2018): 1419-1429.
- 1.200 Meyer, Sophie L., et al. "Serial cardiovascular magnetic resonance feature tracking indicates early worsening of cardiac function in Fontan patients." *International journal of cardiology* 303 (2020): 23-29.
- 1.201 Bourfiss, Mimount, et al. "Feature tracking CMR reveals abnormal strain in preclinical arrhythmogenic right ventricular dysplasia/cardiomyopathy: a multisoftware feasibility and clinical implementation study." *Journal of Cardiovascular Magnetic Resonance* 19.1 (2017): 1-13.
- 1.202 Yang, Yingxia, et al. "Quantification of left atrial function in patients with non-obstructive hypertrophic cardiomyopathy by cardiovascular magnetic resonance feature tracking imaging: a feasibility and reproducibility study." *Journal of Cardiovascular Magnetic Resonance* 22.1 (2020): 1-11.
- 1.203 Csécs, Ibolya, et al. "Left atrial functional and structural changes associated with ablation of atrial fibrillation-Cardiac magnetic

- resonance study." *International journal of cardiology* 305 (2020): 154-160.
- 1.204 Pathan, Faraz, et al. "Left atrial strain: a multi-modality, multi-vendor comparison study." *European Heart Journal-Cardiovascular Imaging* 22.1 (2021): 102-110.
- 1.205 Chen, Xi, et al. "The prognostic value of the left atrial strain rate determined using cardiovascular magnetic resonance feature tracking imaging in patients with severe idiopathic dilated cardiomyopathy." *Cardiovascular Diagnosis and Therapy* 12.6 (2022): 767-778.
- 1.206 Slurink, Bram O., and Daan Bossers. "Left atrial strain has superior prognostic value to ventricular function and delayed enhancement in dilated cardiomyopathy." *Atrioventricular imaging to predict outcome in dilated cardiomyopathy*: 72.
- 1.207 Ma, Yanyan, et al. "Left Atrial Dysfunction in Children with Repaired Pulmonary Artery Atresia with Ventricular Septal Defect: A Cardiovascular Magnetic Resonance Imaging Study." *Children* 9.10 (2022): 1536.
- 1.208 Peng, Junping, et al. "Normal values of myocardial deformation assessed by cardiovascular magnetic resonance feature tracking in a healthy Chinese population: a multicenter study." *Frontiers in physiology* 9 (2018): 1181.
- 1.209 Greulich, Simon, et al. "Comprehensive cardiovascular magnetic resonance assessment in patients with sarcoidosis and preserved left ventricular ejection fraction." *Circulation: Cardiovascular Imaging* 9.11 (2016): e005022.