

## SAUL GARETH MYERSON – PUBLICATIONS

### ORIGINAL RESEARCH PAPERS:

1. A practical risk score for prediction of early cardiovascular readmission after a first episode of acute heart failure with preserved ejection fraction.  
Zamfirescu DB, Ghilencea LN, Popescu MR, Bejan GC, Ghiordanescu IM, Popescu AC, **Myerson SG**, Dorobantu M. *Diagnostics* 2021 (in press)
2. Standard and Emerging CMR Methods for Mitral Regurgitation Quantification  
Fidock B, Archer G, Barker N, Elhawaz A, Al-Mohammad A, Rothman A, Hose R, Hall IR, Grech E, Briffa N, Lewis N, van der Geest RJ, Zhang J-M, Zhong L, Swift AJ, Wild JM, De Gárate E, Bucciarelli-Ducci C, Bax JJ, Plein S, **Myerson S**, Garg P. *Int J Cardiol* 2021 published online – doi <https://doi.org/10.1016/j.ijcard.2021.01.066>; (print version in press)
3. Obesity-related ventricular remodelling is exacerbated in dilated and hypertrophic cardiomyopathy.  
Rayner JJ, Abdesselam I, d'Arcy J, **Myerson SG**, Neubauer S, Watkins H, Ferreira VM, Rider OJ. *Cardiovasc Diagn Ther.* 2020 Jun;10(3):559-567. doi: 10.21037/cdt-19-587.
4. SCMR Position Paper (2020) on Clinical Indications for CMR  
Leiner T, Bogaert J, Friedrich MG, Mohiaddin R, Muthurangu V, **Myerson S**, Powell AJ, Raman SV, Pennell DJ. *J Cardiovasc Magn Reson* 2020; 22: 76-112. doi: 10.1186/s12968-020-00682-4
5. Magnetic resonance phase contrast velocity mapping for flow quantification in irregular heart rhythms using radial k-space ultrashort echo time imaging  
Hell M, Francis J, d'Arcy J, Robson MD, Neubauer S, Achenbach S, **Myerson S**. *Intl J Cardiology* 2020; 317: 211-215
6. Myocardial Extracellular Volume in Patients with Aortic Stenosis Undergoing Valve Intervention: A Multicenter T1-Mapping Study  
Everett R, Treibel T, Fukui M, Lee H, Rigolli M, Singh A, Bijsterveld P, Tastet L, Al Musa T, Dobson L, Chin C, Captur G, Om SY, Wiesemann S, Ferreira V, Piechnik S, Schulz-Menger J, Schelbert E, Clavel M-A, Newby D, **Myerson S**, Pibarot P, Lee S, Cavalcante JL, Lee S-P, McCann G, Greenwood J, Moon J, Dweck M. *J Am Coll Cardiol.* 2020 Jan 28; 75(3):304-316
7. Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement.  
Singh A, Musa TA, Treibel TA, Vassiliou VS, Captur G, Chin C, Dobson LE, Pica S, Loudon M, Malley T, Rigolli M, Foley JRJ, Bijsterveld P, Law GR, Dweck MR, **Myerson SG**, Prasad SK, Moon JC, Greenwood JP, McCann GP. *Heart.* 2019 Dec; 105: 1818-24
8. Meta-analysis of Transthoracic Echocardiography Versus Cardiac Magnetic Resonance for the Assessment of Aortic Regurgitation after Transcatheter Aortic Valve Replacement.  
Jonnalagadda AK, Kampaktsis P, Oikonomou E, Papanastasiou C, Kokkinidis D, Garcia M, **Myerson S**, Karamitsos TD. *Am J Cardiol* 2019 Oct 15;124(8): 1246-1251
9. Histological evidence for impaired myocardial perfusion reserve in severe aortic stenosis. Mahmod M, Chan K, Raman B, Westaby J, Dass S, Petrou M, Sayeed R, Ashrafian H, **Myerson SG**, Karamitsos TD, Sheppard M, Neubauer S. *JACC Cardiovasc Imag* 2019; 12(11 Pt 1): 2276-2278
10. Left Ventricular Flow Analysis: Novel Imaging Biomarkers and Predictors of Exercise Capacity in Heart Failure.  
Stoll VM, Hess AT, Eriksson J, Rodgers CT, Bissell MM, Dyverfeldt P, Ebbers T, **Myerson SG**, Carlhäll C-J, Neubauer S. *Circulation Cardiovasc Imaging* 2019 May; 12(5): e008130. doi:10.1161/CIRCIMAGING.118.008130
11. A Hyperdynamic Right Ventricle is an Early Marker of Clinical Decompensation and Cardiac Recovery in Aortic Stenosis with Normal Left Ventricular Ejection Fraction. Rigolli M, Sivalokanathan S, Bull S, Wijesurendra RS, Ariga R, Loudon M, Francis JM, Karamitsos T, Neubauer S, Mahmod M, **Myerson SG**. *JACC Cardiovasc Imaging.* 2019; 12(1): 214-216
12. Myocardial Scar and Mortality in Severe Aortic Stenosis: Musa TA, Treibel TA, Vassiliou VS, Captur G, Singh A, Chin C, Dobson LE, Pica S, Loudon M, Malley T, Rigolli M, Foley JRJ, Bijsterveld P, Law GR, Dweck MR, **Myerson SG**, McCann GP, Prasad SK, Moon JC, Greenwood JP. *Circulation* 2018; 138(18): 1935-47
13. Cardiac auscultation poorly predicts valvular heart disease in asymptomatic patients  
Gardezi SK, **Myerson SG**, Chambers J, Coffey S, d'Arcy J, Hobbs FDR, Holt J, Kennedy A, Loudon M, Prendergast A, Prothero A, Wilson J, Prendergast BD. *Heart* 2018; 104(22): 1832-5 (doi.org/10.1136/heartjnl-2018-313082)
14. Test-retest variability of left ventricular 4D flow cardiovascular magnetic resonance measurements in healthy subjects.  
Stoll VM, Loudon M, Eriksson J, Bissell MM, Dyverfeldt P, Ebbers T, **Myerson SG**, Neubauer S, Carlhäll CJ, Hess AT. *J Cardiovasc Magn Reson.* 2018 Mar 2; 20(1): 15
15. Differential flow improvements after valve replacements in bicuspid aortic valve disease  
Bissell MM, Loudon M, Hess AT, Stoll V, Orchard E, Neubauer S, **Myerson SG**. *J Cardiovasc Magn Reson* 2018 Feb 8; 20(1): 10
16. Measurement of myocardial native T1 in cardiovascular diseases and norm in 1291 subjects.

- Liu JM, Liu A, Leal J, McMillan F, Francis J, Greiser A, Rider O, **Myerson S**, Neubauer S, Ferreira VM, Piechnik SK. *J Cardiovasc Magn Reson* 2017 19(1): 74
17. Abnormal Haemodynamic Flow Patterns in Bicuspid Pulmonary Valve Disease.  
Bissell, MM, Loudon M, Neubauer S, **Myerson SG**. *Frontiers in Physiology* 2017 May 31; 8: 374. Published online: doi.org/10.3389/fphys.2017.00374
  18. A Cardiac Contouring Atlas for Radiotherapy  
Duane FK, Aznar MC, Bartlett F, Cutter DJ, Darby SC, Jagsi R, Lorenzen EL, McArdle O, McGale P, **Myerson S**, Rahimi K, Vivekanandan S, Warren S, Taylor CW. *Radiotherapy and Oncology* 2017 Mar; 122(3): 416-422
  19. Inherited aortopathy assessment in relatives of patients with a bicuspid aortic valve  
Bissell MM, Biasioli L, Oswal A, Loudon M, Hess AT, Watkins H, Neubauer S, **Myerson SG** *J Am Coll Cardiol* 2017; 69 (7): 904-6
  20. Left atrial appendage morphology in patients with non-valvular atrial fibrillation  
Joy S, Sievert H, Bertog S, Betts T, Wilson N, **Myerson S**. *J Structural Heart Disease* 2017; 3: 8-14
  21. Beyond Bernoulli: improving accuracy and precision of non-invasive peak pressure drops  
Donati F, **Myerson S**, Bissell M, Smith NP, Neubauer S, Monaghan MJ, Nordsletten DA, Lamata P. *Circ Cardiovasc Imaging* 2017; 10: e005967
  22. Large-Scale Unselected Community Echocardiographic Screening Reveals a Major Burden of Undiagnosed Valvular Heart Disease in Older People  
d'Arcy JL, Coffey S, Loudon MA, Kennedy A, Pearson-Stuttard J, Birks J, Frangou E, Farmer AJ, Mant D, Wilson J, **Myerson SG**, Prendergast BP *Eur Heart J* 2016 Dec 14; 37: 3515-22; doi:10.1093/eurheartj/ehw229
  23. Determination of clinical outcome in mitral regurgitation with cardiovascular magnetic resonance quantitation  
**Myerson SG**, d'Arcy J, Christiansen JP, Dobson LE, Mohiaddin R, Francis JM, Prendergast B, Greenwood J, Karamitsos TD, Neubauer S *Circulation* 2016;133: 2287-96
  24. Improvements in ECG Accuracy for the Diagnosis of Left Ventricular Hypertrophy in Obesity  
Rider OJ, Bull SC, Nethononda R, Ntusi N, Ferreira V, Holloway CJ, Holdsworth D, Mahmood M, Rayner JJ, Banerjee R, **Myerson S**, Watkins H, Neubauer S. *Heart* 2016; 102: 1566-72. Epub Aug 2. doi:10.1136/heartjnl-2015-309201.
  25. Dilated Cardiomyopathy: Phosphorus (31P) Magnetic Resonance Spectroscopy at 7 Tesla  
Stoll VM, Clarke WT, Levelt E, Liu A, **Myerson SG**, Robson MD, Neubauer S, Rodgers CT *Radiology* 2016; Nov; 281: 409-417 (published online June 20<sup>th</sup>)
  26. 4D Flow CMR Consensus Statement  
Dyverfeldt P, Bissell M, Barker AJ, Bolger AF, Carlhäll C-J, Ebbers T, Francis CJ, Frydrychowicz A, Geiger J, Giese D, Hope MD, Kilner PJ, Kozerke S, **Myerson S**, Neubauer S, Wieben O, Markl M, *J Cardiovasc Magn Reson* 2015; 17: 72-90
  27. A prospective, double-blind, randomised controlled trial of the angiotensin converting enzyme inhibitor Ramipril In Aortic Stenosis (RIAS trial)  
Bull S, Loudon M, Francis JM, Joseph J, Gerry S, Karamitsos TD, Prendergast B, Banning AP, Neubauer S, **Myerson SG**. *EHIJ-Cardiovascular Imaging* 2015; 16: 834-841; doi: 10.1093/ehjci/jev043
  28. 4D Flow: Quantification of aorta SNR as a function of field strength and contrast enhancement for 1.5T, 3T and 7T  
Hess AT, Bissell MM, Ntusi NAB, Lewis AJM, Tunnicliffe EM, Greiser A, Stalder AF<sup>2</sup>, Francis JM<sup>1</sup>, **Myerson SG**, Neubauer S, Robson MD *Magnetic Resonance in Med* 2015 May;73(5):1864-71.
  29. Observational study of regional aortic size referenced to body size: production of a cardiovascular magnetic resonance nomogram  
Davis AE, Lewandowski AJ, Holloway CJ, Ntusi NAB, Banerjee R, Nethononda R, Pitcher A, Francis JM, **Myerson S**, Leeson P, Donovan T, Neubauer S, Rider OJ. *J Cardiovasc Magn Reson* 2014; 16(1): 9-17
  30. A prospective, double-blind, randomised controlled trial of the angiotensin converting enzyme inhibitor Ramipril In Asymptomatic Aortic Stenosis (RIAS trial): Trial Protocol  
Bull S; Loudon M; Francis JM; Joseph J; Gerry S, Karamitsos TD; Prendergast BD; Banning AP; Neubauer S; **Myerson SG**. *J Clin Trials* 2014; 4:151-7. doi:10.4172/2167-0870.1000151
  31. Myocardial Steatosis and Left Ventricular Contractile Dysfunction in Patients with Severe Aortic Stenosis  
Mahmood M, Bull S, Suttie JJ, Pal N, Holloway C, Dass S, **Myerson SG**, Schneider JE, De Silva R, Petrou M, Sayeed R, Taggart D, Westaby S, Clelland C, Francis JM, Ashrafian H, Karamitsos TD, Neubauer S. *Circ Cardiovasc Imag* 2013; 6(5): 808-16
  32. Aortic dilation in bicuspid aortic valve disease: flow pattern is a major contributor and differs with valve fusion type  
Bissell MM, Hess AT, Biasioli L, Glaze SJ, Loudon M, Pitcher A, Davis A, Prendergast B, Markl M, Barker AJ, Neubauer S, **Myerson SG**. *Circulation Cardiovascular Imaging* 2013; 6(4): 499-507
  33. The prevalence of left atrial appendage thrombus in patients undergoing catheter ablation for atrial fibrillation maintained on Warfarin

- Herring, N; Page, S; Ahmed, M; Burg, M; Hunter, R; Earley, M; Sporton, S; Newton, J; Sabharwal, N; **Myerson, S**, Bashir, Y; Betts, T; Schilling, R; Rajappan, K. *J Atr Fibrillation* 2013; 5 (issue 6): 28-35
34. Global and regional left ventricular myocardial deformation measures with magnetic resonance feature tracking in healthy volunteers: comparison with tagging and relevance of gender  
Augustine D, Lewandowski AJ, Lazdam M, Rai A, Francis J, **Myerson S**, Noble A, Neubauer S, Becher H, Petersen S and Leeson P, *J Cardiovasc Magn Resonance*. 2013; 15: 8
  35. Human non-contrast T1 values and correlation with histology in diffuse fibrosis.  
Bull S, White SK, Piechnik S, Flett AS, Ferreira V, Loudon M, Francis JM, Karamitsos TD, Prendergast B, Robson MD, Neubauer S, Moon JC, **Myerson SG**, *Heart* 2013; 99: 932-37 (published online 24/1/2013: doi:10.1136/heartjnl-2012-303052)
  36. Non-contrast T1 mapping for the diagnosis of cardiac amyloidosis  
Karamitsos T, Piechnik S, Banyersad S, Fontana M, Ntusi N, Ferreira V, Whelan C, **Myerson S**, Robson MD, Hawkins P, Neubauer S, Moon J. *J Am Coll Cardiology Cardiovasc Imaging* 2013; 6(4): 488-497
  37. Prioritising echocardiography in Staphylococcus aureus bacteraemia.  
Joseph JP, Meddows TR, Webster DP, Newton JD, **Myerson SG**, Prendergast B, Scarborough M, Herring N. *J Antimicrobial Chemotherapy* 2013; 68(2): 444-449 (epub 2012; doi:10.1093/jac/dks408)
  38. Aortic regurgitation quantification with cardiovascular magnetic resonance: association with clinical outcome.  
**Myerson SG**, D'Arcy J, Greenwood P, Mohiaddin R, Karamitsos TD, Francis JM, Banning AP, Christiansen, JP, Neubauer S. *Circulation* 2012; 126: 1452-60
  39. LV mass volumes and ejection fraction estimation with magnetic resonance feature tracking: a comparison with traditional short axis LV CMR contouring.  
Augustine DX, Lewandowski AJ, Rai A, Lazdam M, Francis J, Becher H, Petersen SE, **Myerson S**, Neubauer S, Leeson P. *European Heart J* 2012; 33: 1023-1023
  40. Prevalence Of Cardiomyopathy In Asymptomatic Patients With Left Bundle Branch Block – A Cardiovascular Magnetic Resonance Study Mahmod M, Karamitsos TD, Suttie JJ, **Myerson SG**, Neubauer S, Francis JM. *Int J Cardiovasc Imag* 2012; 28(5): 1133-40 [published online 31 July 2011, DOI: 10.1007/s10554-011-9931-1]
  41. Cardiac iron overload in transfusion-dependent patients with myelodysplastic syndromes  
Roy NBA, **Myerson S**, Patel R, Schuh AH, Wainscoat JS, McGowan S, Marchi E, Atoyebi W, Littlewood T, Chacko J, Vyas P and Killick SB. *Br. J Haematology* 2011; 154: 521-524
  42. Growth of Left Ventricular Mass with Military Basic Training in Army Recruits  
Batterham AM; Birch KM; Pennell DJ; George KP; **Myerson SG**. *Med Sci Sports Exerc* 2011; 43(7): 1295-1300
  43. A comparison of visual and quantitative assessment of left ventricular ejection fraction by cardiac magnetic resonance  
Holloway CJ, Edwards LM, Rider OJ, Fast A, Clarke K, Francis JM, **Myerson SG** and Neubauer S. *Int J Cardiovasc Imag* 2011; 27(4): 563-569
  44. Feasibility and Safety of High-Dose Adenosine Perfusion Cardiovascular Magnetic Resonance Imaging  
Karamitsos TD, Ntusi NBA, Francis JM, Holloway CJ, **Myerson SG**, Neubauer S. *J Cardiovasc Mag Reson* 2010; 12: 66-73
  45. Direct and indirect quantification of mitral regurgitation with cardiovascular magnetic resonance, and the effect of heart rate variability.  
**Myerson SG**, Francis JM, Neubauer S. *MAGMA* 2010; 23: 243-49
  46. Real-time 3D fusion echocardiography  
Szmigielski C, Rajpoot K, Grau V, **Myerson SG**, Holloway C, Noble JA, Kerber R, Becher H. *J Am Coll Cardiol Cardiovasc Imag* 2010; 3(7): 682-690
  47. Phase contrast ultra-short TE; a more reliable technique for measurement of high velocity turbulent stenotic jets.  
O'Brien K, **Myerson SG**, Robson M. *Magnetic Resonance in Medicine* 2009; 62: 626-36
  48. Magnetic resonance imaging-derived indices for the normalization of left ventricular morphology by body size  
George KP, Birch KM, Pennell DJ, **Myerson SG**. *Magnetic Resonance Imaging* 2009; 27: 207-13
  49. Artefactual limitations of magnetic resonance imaging in the diagnosis of recoarctation of the aorta  
Salam S, **Myerson S**, Wilson N. *Heart* 2008;94:753
  50. Variation in the lipoprotein lipase gene influences exercise-induced left ventricular growth.  
Flavell DM, Wootton PT, **Myerson SG**, World MJ, Pennell DJ, Humphries SE, Talmud PJ, Montgomery HE. *J Mol Med*. 2006 Feb;84(2):126-31.
  51. BJCA Cardiology Trainees Survey  
**Myerson SG**. *Br. J Cardiol* 2006; 13: 102

52. Differentiating athletes heart from pathological forms of cardiac hypertrophy by means of geometric indices derived from cardiovascular magnetic resonance  
Petersen SE, Selvanayagam JB, Francis JM, **Myerson SG**, Wiesmann F, Robson MD, Ostman-Smith I, Casadei B, Watkins H, Neubauer S. *J Cardiovasc Magn Reson* 2005;7:551-558
53. Quantification of regurgitant fraction in mitral regurgitation by cardiovascular magnetic resonance: comparison of techniques.  
Kon MW, **Myerson SG**, Moat NE, Pennell DJ. *J Heart Valve Dis.* 2004 Jul;13(4):600-7.
54. 3<sup>rd</sup> National Survey of Cardiology Trainees in the UK – Results & Comment  
**Myerson SG**, Greenwood J *Br J Cardiol* 2004; 11: 440-2
55. Novel imaging techniques for the differentiation of a left ventricular mass.  
Timperley J, **Myerson SG**, Mitchell AR. *Heart* 2004; 90(2): 210
56. Mobile phones in hospitals  
**Myerson SG**, Mitchell AJ *BMJ* 2003; 326 (7387): 460-1
57. Bradykinin receptor gene variant and human physical performance  
Williams AG, Dhamrait SS, Wootton PTE, Day SH, Hawe E, Payne JR, **Myerson SG**, World M, Budgett R, Humphries SE, Montgomery HE. *J Appl Physiol* 2003; 96(3): 938-42
58. Cortical bone resorption during exercise is interleukin-6 genotype-dependant.  
Dhamrait SS, James L, Brull DJ, **Myerson S**, Hawe E, Pennell DJ, World M, Humphries SE.  
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59. Left ventricular mass measurement : reliability of M-mode and 2-dimensional echocardiographic formulae  
**Myerson SG**, Montgomery HE, World MJ, Pennell DJ. *Hypertension* 2002; 40: 673-678
60. Automatic MRI adipose tissue mapping using overlapping mosaics  
Yang GZ, **Myerson S**, Chabat F, Pennell DJ, Firmin DN. *MAGMA* 2002; 14: 39-44
61. Peroxisome proliferator-activated receptor alpha gene regulates left ventricular growth in response to exercise and hypertension.  
Jamshidi Y, Montgomery HE, Hense HW, **Myerson SG**, Torra IP, Staels B, World MJ, Doering A, Erdmann J, Hengstenberg C, Humphries SE, Schunkert H, Flavell DM. *Circulation.* 2002; 105: 950-5.
62. Caffeine-containing drinks – a cause of arrhythmias?  
**Myerson SG**, Samarasinghe Y, Taylor C, Feher MD. *Br J Cardiology* 2002; 9: 122-4
63. Left ventricular hypertrophy with exercise and the angiotensin converting enzyme gene I/D polymorphism: a randomised controlled trial with losartan.  
**Myerson SG**, Montgomery HE, Whittingham M, Jubbs M, World MJ, Humphries SE, Pennell DJ.  
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64. The bradykinin BK2BR receptor polymorphism and the human left ventricular growth response  
Brull D, Dhamrait S, **Myerson S**, Regitz-Zagrosek V, World M, Pennell D, Humphries S, Montgomery H.  
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65. Angiotensin-converting enzyme genotype affects the response of human skeletal muscle to functional overload.  
Folland J, Leach B, Little T, Hawker K, **Myerson S**, Montgomery H, Jones, D  
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66. The human angiotensin I-converting enzyme gene and endurance performance.  
**Myerson S**, Hemingway H, Budgett R, Martin J, Humphries S, Montgomery H.  
*Journal of Applied Physiology* 1999 Oct; 87(4): 1313-6
67. Human gene for physical performance.  
Montgomery HE, **Myerson S**, Marshall R, Hemingway H, Clarkson P, Dollery C, Hayward M, Holliman DE, Jubbs M World M, Thomas EL, Brynes AE, Saeed N, Barnard M, Bell J, Prasad K, Rayson M, Talmud PJ, Humphries SE  
*Nature* 1998 May 21; 393(6682):221-2

## REVIEWS & INVITED SUBMISSIONS

68. CMR in Evaluating Valvular Heart Disease: Diagnosis, Severity, and Outcomes.  
**Myerson SG**. *JACC Cardiovasc Imaging*. 2020 (in press); doi: 10.1016/j.jcmg.2020.09.029
69. Multimodality Imaging in Secondary Mitral Regurgitation  
Sharma H, Liu B, **Myerson S**, Steeds RP. *Frontiers in Cardiovascular Medicine* 2020; <https://doi.org/10.3389/fcvm.2020.546279>
70. Imaging assessment of mitral and aortic regurgitation: current state of the art

- Steeds RP and **Myerson SG**, *Heart* 2020; 106: 1769-1776
71. Tricuspid regurgitation – understanding the ‘problem child’  
**Myerson SG**. *J Am Coll Cardiol* 2020; 76: 1302-4.
  72. Mitral Valve Regurgitation Assessment by Cardiovascular Magnetic Resonance Imaging  
Garg P, Swift AJ, Zhong L, Carlhäll C-J, Ebbers T, Westenberg J, Hope M, Bax JJ; **Myerson S**. *Nature Reviews Cardiology* 2019 Dec 9. doi: 10.1038/s41569-019-0305-z
  73. Optimizing the assessment of aortic regurgitation - the importance of quantity and quality. **Myerson SG**. *J Am Coll Cardiol Cardiovasc Imag* 2019; 12 (8 Pt 1): 1484-1486. DOI: 10.1016/j.jcmg.2018.09.016
  74. Left ventricular diastolic function studied with magnetic resonance imaging: a systematic review of techniques and relation to established measures of diastolic function.  
Bojer AS, Soerensen MH, Gaede P, **Myerson S**, Madsen PL. *EHJ-Cardiovascular imaging* 2019; 20: 486
  75. Serum Biomarkers in valvular heart disease  
Gardezi SKM, Coffey S, Prendergast BD, **Myerson SG**. *Heart* 2018; 104: 349–358. Published online - doi:10.1136/heartjnl-2016-310482
  76. Appropriateness criteria for the use of cardiovascular imaging in native heart valve disease: a European Association of Cardiovascular Imaging report of literature review and current practice  
Chambers J, Garbi M, Nieman K, **Myerson S**, Pierard LA, Habib G, Zamorano JL, Edvardsen T, Lancellotti P. *Eur J Cardiovasc Imag* 2017; 18: 489-98
  77. Multimodality imaging in heart valve disease  
Chambers JB, **Myerson S**, Rajani R, Morgan-Hughes G, Dweck M *OpenHeart* 2016; Mar 8;3(1), doi: 10.1136/openhrt-2015-000330
  78. Preoperative assessment and perioperative management of cardiovascular risk  
Schiefermueller J, **Myerson SG**, Handa A, *Angiology* 2013; 64(2): 146-50
  79. Heart valve disease : investigation by cardiovascular magnetic resonance  
**Myerson SG**, *J Cardiovasc Magn Reson Imaging*. 2012; 14: 7-30
  80. The role of CMR in the evaluation of valve disease  
Karamitsos TD, **Myerson SG**, *Progress in Cardiovasc Dis*. 2011; 54(3): 276-286
  81. Cardiovascular Magnetic Resonance – An update and review  
**Myerson SG**, Holloway CJ, Francis JM, Neubauer S  
*Progress in NMR Spectroscopy* 2011; 59: 213-22.
  82. Assessment of valvular heart disease by cardiovascular magnetic resonance imaging: a review  
Christiansen JP, Karamitsos TD, **Myerson SG** *Heart Lung Circ* 2011; 20: 73-82
  83. Stress Perfusion Imaging Using Cardiovascular Magnetic Resonance: A Review.  
Christiansen JP, Karamitsos TD, **Myerson SG**, Francis JM, Neubauer S. *Heart Lung Circ* 2010; 19: 697-705
  84. Who should perform cardiac imaging?  
**Myerson SG** *Cardiology Management* 2011
  85. Investigations in valvular Heart Disease  
D’Arcy J, **Myerson SG** *Clinical Medicine* 2010; 10 (2): 172-6
  86. The role of cardiovascular magnetic resonance imaging in heart failure  
Karamitsos TD, Francis JM, **Myerson S**, Selvanayagam JB, Neubauer S. *J Am Coll Cardiol* 2009; 54: 1407-24
  87. Valvular and haemodynamic assessment with cardiovascular magnetic resonance  
**Myerson SG**. *Heart Fail Clinics* 2009; 5(3): 389-400
  88. Can cardiac magnetic resonance imaging reclassify uremic cardiomyopathy in patients with end-stage renal failure?  
**Myerson SG**. *Nature Clin Practice Cardio Med* 2007 Jan;4(1):22-3
  89. Evaluation and management of the cardiac amyloidosis  
Selvanayagam JB, Hawkins PN, Paul B, **Myerson SG**, Neubauer S. *J Am Coll Cardiol* 2007; 50(22): 2101-10
  90. How Do We Produce Quality Cardiologists?  
**Myerson SG**. *Cardiology News* 2007 Nov/Dec
  91. What is the role of balloon dilatation for severe aortic stenosis during pregnancy?  
**Myerson SG**, Mitchell ARJ, Ormerod OJM, Banning AP. *J Heart Valve Dis* 2005; 14: 147-150
  92. Exploring Cardiac Horizons  
Greenwood J, **Myerson SG**. *Br J Cardiol* 2005; 12: 24-25
  93. The assessment of left ventricular mass by cardiac magnetic resonance  
**Myerson SG**, Bellenger NG, Pennell DJ. *Hypertension* 2002; 39: 750-755

## CASE REPORTS

94. Rare congenital quadricuspid pulmonary valve stenosis evaluated by CMR.  
Nikolaidou C, Shanmuganathan M, Khan M, **Myerson SG**. *Oxford Medical Case Reports* 2020;12, 441–442
95. Rare Unicuspid Pulmonary Valve and Pulmonary Artery Aneurysm in an Elderly Asymptomatic Patient  
Burrage MK, Baker C, Nikolaidou V, **Myerson S**, Ferreira VM. *Eur Heart J Cardiovasc Imag* 2020; 21(6): 708; doi.org/10.1093/ehjci/jeaa008.
96. Large left ventricular staphylococcal vegetation mimicking a myocardial mass  
Nikolaidou C, Baker C, Bradlow WM, Firoozan S, **Myerson SG**. *European Heart Journal - Cardiovascular Imaging*, Volume 20, Issue Supplement\_2, June 2019, jez107.003, <https://doi.org/10.1093/ehjci/jez107.003>
97. An unusual cause of pericarditic chest pain.  
Nikolaidou C, Wijesurendra RS, Baker C, **Myerson SG**. *European Heart Journal - Cardiovascular Imaging*, Volume 20, Issue Supplement\_2, June 2019; jez108.020, <https://doi.org/10.1093/ehjci/jez108.020>
98. Unusual coarctation repair with double lumen distal arch.  
Hell MM, Orchard E, Westaby S, Myerson SG. *Eur Heart J*. 2018 Feb 6. doi: 10.1093/eurheartj/ehy019. [Epub ahead of print]
99. Inflammatory Bowel Disease & Myocarditis: T1-Mapping the heart of the problem  
Carande EJ, Piechnik SK, **Myerson SG**, Ferreira VM. *Eur Heart J Cardiovascular Imaging* 2017 May 1; 18(8): 940; published online 6-4 2017. Doi: <https://doi.org/10.1093/ehjci/jex054>
100. The Many Faces of Cardiac Lipoma - an Egg in the Heart!  
Wijesurendra RS, Sheppard KA, Westaby S, Ormerod O, **Myerson SG**. *Eur Heart J Cardiovasc Imag* 2017 Jul 1; 18(7): 821. doi.org/10.1093/ehjci/jex048
101. Partial atrioventricular septal defect presenting in a septuagenarian  
Zheng SL, **Myerson SG**, Orchard E. *E Heart J* 2016 Mar 14;37(11):917
102. Innominate artery pleomorphic sarcoma imaged with cardiovascular magnetic resonance and Positron Emission Tomography-Computed Tomography  
Davis AE; Boardman H; Trent S; Petrou M; **Myerson SG**. *Eur Heart J* 2015 doi: 10.1093/eurheartj/ehv098
103. Congenital aortopulmonary window; an unusual cause of breathlessness. Rider OJ, Bissell M, **Myerson SG** *Heart* 2013; 99: 1546
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