

Heart Valve Disease Advisory Committee Interests Register

Publication Date: 17 November 2021

Name	Role with NICE	Type of interest	Description of interest	Interest arose	Interest declared	Interest ceased	Comments
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	Can left ventricular end-diastolic pressure be estimated non-invasively? D.F.Ettles, J.Davies and G.J.Williams International Journal of Cardiology;1988 20:239-45	1988	16/07/2019		Specific Withdraw from recommendations on diagnosis
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	Can pulsed Doppler replace direct measurement of left ventricular end-diastolic pressure? D.F.Ettles, J.Allen, G.J.Williams British heart journal 1988; 59:610	1988	16/07/2019		Specific Withdraw from recommendations on diagnosis
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	Echocardiographic methods for quantification of left ventricular ejection fraction: are they interchangeable? S Self , J Allen, D Oxborough Ultrasound May 2010 18: 73-81	05/2010	16/07/2019		Specific Withdraw from recommendations on diagnosis
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	Transoesophageal Echocardiography in the	1992	16/07/2019		Specific Withdraw from recommendations on monitoring

			assessment of early bioprosthetic mitral valve failure; is routine transoesophageal echocardiography necessary? Deaner A.N, Allen J., Scott P.J., Cubukcu A.A., Williams G.J., 10th European Conference of the International Society of Noninvasive Cardiology, Rotterdam, October 15-17th 1992				
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	The assessment of bioprosthetic mitral valve function; is routine transoesophageal Echocardiography necessary? Deaner A.N.S, Allen J., Cubukcu A., Scott P.J., Williams G.J., 24th Annual Meeting of BMUS, Blackpool 9-11 December 1992	1992	16/07/2019		Specific Withdraw from recommendations on monitoring
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	Clinical and Echocardiographic Follow up of Mitral Valve Repair. A.N.S Deaner, C. Van Doorn, J.Allen, K.Studley, G.J. Williams, R.U. Nair (submitted to the European Association for Cardio-	1994	16/07/2019		Specific Withdraw from recommendations on monitoring

			Thoracic Surgery for the 1994 meeting in The Hague).				
Jane Allen	Co-opted echocardiography physiologist	Direct non-financial	The Assessment of Bioprosthetic Mitral Valve Function, Is Routine Transoesophageal Echocardiography Necessary? British Journal of Radiology 1995	1995	16/07/2019		Specific Withdraw from recommendations on monitoring
Norman Briffa	Cardiac Surgeon	Direct non-financial	President of the British Heart Valve Society	10/2016	13/03/2019	Ongoing until 10/2019	Non-specific No action other than the process of open declaration
Norman Briffa	Cardiac Surgeon	Direct non-financial	Position paper on research in heart valve disease and postoperative echocardiography: Indications for echocardiography of replacement heart valves: a joint statement from British Heart valve Society and British Society of Echocardiography	03/2019	15/04/2019		Specific Partial exclusion Withdraw from discussion of recommendations on monitoring
Norman Briffa	Cardiac Surgeon	Indirect financial	Chief Investigator for EURVALVE. Interventions are not being covered by this guideline.	07/2016	16/07/2019	Ongoing	Non-specific No action other than the process of open declaration
Norman Briffa	Cardiac Surgeon	Direct non-financial	Member of the National Cardiac Improvement Programme – Aortic Stenosis	10/2018	16/07/2019	Ongoing	Non-specific

			Clinical Workgroup for NHS England				No action other than the process of open declaration
Norman Briffa	Cardiac Surgeon	Direct non-financial (until August 2020) Direct financial (from August 2020)	Editorial Board member Heart Journal. Honorary received from August 2020. The Chair and a senior member of the developer team considered that this did not require any further action.	06/2019	16/07/2019	Ongoing	Non-specific No action other than the process of open declaration
Joy Ellery	Lay Member	Direct non-financial	I am a Lay Member of Southwark Clinical Commissioning Group and we commission services for our residents from acute and community health services.	11/2015	11/03/2019	01/04/2020	Non-specific No action other than the process of open declaration
Joy Ellery	Lay Member	Direct non-financial	Update to previous declaration (change in CCG name): Lay Member of South East London Clinical Commissioning Group	01/04/2020	31/07/2020	Ongoing	Non-specific No action other than the process of open declaration

Madalina Garbi	Topic Adviser	Direct non-financial	Honorary Secretary of the British Heart Valve Society. Stepped down upon appointment to this guideline committee.	10/2016	02/10/2018	On appointment	Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Secretary and Treasurer of the ESC Council on Valvular Heart Disease. Stepped down upon appointment to this guideline committee.	08/2016	02/10/2018	On appointment	Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: – “Exercise Stress Echocardiography in Degenerative Mitral Regurgitation. Back to the Origins”. <i>Lancellotti P, Garbi M. (Circulation-Imaging, September 2018)</i> - Commentary on Exercise-Stress Echocardiography and Effort Intolerance in Asymptomatic/Minimally Symptomatic Patients With Degenerative Mitral Regurgitation Combined Invasive–Non-invasive Hemodynamic Monitoring Utsunomiya et al. No opinion expressed that is	09/2018	02/10/2018		Specific No action other than the process of open declaration

			relevant to any scope topics				
Madalina Garbi	Topic Adviser	Direct non-financial	<p><i>Publication:</i></p> <ul style="list-style-type: none"> – “2018 ESC Guidelines for the management of cardiovascular diseases during pregnancy.” <i>Regitz-Zagrosek V, Roos-Hesselink JW, Bauersachs J, et al, ESC Scientific Document Group. Collaborators Deaton C ... Garbi M ... Nelson-Piercy C. (EHJ, Sep 2018)</i> <p>- Article summarising the ESC guidelines</p>	09/2018	02/10/2018		<p>Specific</p> <p>No action other than the process of open declaration</p>
Madalina Garbi	Topic Adviser	Direct non-financial	<p><i>Publication:</i></p> <ul style="list-style-type: none"> – “Progression of secondary mitral regurgitation: from heart failure to valvular heart failure”. <i>Lancellotti P, Garbi M. (EHJ-CVI, March 2018)</i> <p>- Editorial on paper Evolution of secondary mitral regurgitation’ by P.E. Bartko . et al. Paper on incidence, predictors, and impact of secondary MR progression in HFrEF patients on</p>	03/2018	02/10/2018		<p>Non-specific</p> <p>No action other than the process of open declaration</p>

			guidelines-directed medical treatment. Commentary on the paper with no clear opinion expressed on how to manage the condition				
Madalina Garbi	Topic Adviser	Direct non-financial	<i>Publication:</i> “Stress echocardiography in patients with native valvular heart disease”. <i>Lancellotti P, ..., Garbi M. (Heart, Dec 2017)</i>	12/2017	02/10/2018		Specific Partial exclusion Withdraw from discussion of recommendations for stress echocardiography
Madalina Garbi	Topic Adviser	Direct non-financial	<i>Publication:</i> “Standardization of adult transthoracic echocardiography reporting in agreement with recent chamber quantification, diastolic function, and heart valve disease recommendations: an expert consensus document of the European Association of Cardiovascular Imaging”. <i>Galderisi M, ..., Garbi M, et al. (EHJ-CVI, Dec 2017)</i>	12/2017	02/10/2018		Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	<i>Publication:</i> “The need for appropriate use criteria: the proof of the pudding”. <i>Lancellotti P, Garbi M. (EHJ-CVI, Nov 2017)</i>	12/2017	02/10/2018		Non-specific No action other than the process of open declaration

Madalina Garbi	Topic Adviser	Direct non-financial	Publication: "Indications for echocardiography of replacement heart valves: a joint statement from the British Heart Valve Society and British Society of Echocardiography" Chambers J, Garbi M et al. (Echo Research and Practice. Feb 2019)	03/2019	02/10/2018		Specific Partial exclusion Withdraw from discussion of recommendations on the review of monitoring
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: "Recommendations for the imaging assessment of prosthetic heart valves: a report from the European Association of Cardiovascular Imaging endorsed by the Chinese Society of Echocardiography, the Inter-American Society of Echocardiography, and the Brazilian Department of Cardiovascular Imaging" Lancellotti P, Pibarot P, Chambers J, ..., Garbi M, et al. (EHJ CVI May 2016)	05/2016	16/07/2019		Specific No action other than the process of open declaration (outside timeframe)
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: "Transcatheter Mitral Regurgitation Repair in Valvular Heart Failure" Garbi M, Lancellotti P. (NEJM, May 2019). Commentary on Transcatheter Mitral-Valve Repair in Patients with Heart Failure (Stone et al. Article questions the interpretation	05/2019	16/07/2019		Specific No action other than the process of open declaration

			of the results without stating a clear opinion on treatment.				
Madalina Garbi	Topic Adviser	Indirect non-financial	Joined my team at meal sponsored by Medtronic but paid for own meal.	16/09/2019	17/09/2019	16/09/2019	Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Training on echo/TOE guidance of MitraClip. Training funded between Papworth and Abbot, however MG has asked for an invoice to personally pay for her share.	29/10/2019	01/11/2019	30/10/2019	Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: "Valve stress echocardiography: A practical Guide for Referral, Procedure, Reporting, and Clinical Implementation of results from the HAVEC Group". Referral criteria are a summary of the ESC and ACA/AHA guidelines with no clear opinion expressed by the author.	2015	21/10/2019		Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: "The clinical use of stress echocardiography in non-ischaemic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography". Summary of existing guidelines on the topic with	2016	21/10/2019		Specific No action other than the process of open declaration

			no clear opinion expressed by the author.				
Madalina Garbi	Topic Adviser	Direct financial	Performing private work at the Royal Papworth Hospital as it is essential for good integration in the team and good collaboration with my colleagues, however donating all profit to the Royal Papworth Hospital for Education of Cardiac Physiologists.	12/2019	10/12/2019	Ongoing	Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	2 chapters in the Heart Valve Disease book of the ESC Council on Heart Valve Disease 1. Valvular Heart Failure 2. Mitral regurgitation	01/2020	17/01/2020		Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Development of Heart Valve Disease Syllabus for Accreditation for the ESC Council on Heart Valve Disease	01/2020	17/01/2020		Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication: Outcomes of patients with asymptomatic	01/2020	31/01/2020		Specific

			aortic stenosis followed up in heart valve clinics				Withdraw from discussion of recommendations on indications for interventions for people with asymptomatic aortic stenosis
Madalina Garbi	Topic Adviser	Direct non-financial	Publication – invited editorial “Arrhythmia in Mitral Valve Prolapse” J Am Coll Cardiol. 2020 Aug, 76 (6) 650-652.	06/08/2020	20/08/2020		Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication – case report / not heart valve disease Nowhere to Hide. Circ Cardiovasc Imaging. 2020;13(5):e009643.	13/05/2020	20/08/2020		Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication – ESC consensus document co-author Management of patients with combined arterial hypertension and aortic valve stenosis: a consensus document from the Council on Hypertension and Council on Valvular Heart Disease of the European Society of Cardiology, the European Association of Cardiovascular Imaging	30/04/2020	20/08/2020		Non-specific No action other than the process of open declaration

			(EACVI), and the European Association of Percutaneous Cardiovascular Interventions (EAPCI), European Heart Journal - Cardiovascular Pharmacotherapy, , pvaa040,				
Madalina Garbi	Topic Adviser	Direct non-financial	Publication – 2 chapters in book “Heart Valve Disease: State of the Art” Mitral regurgitation Valvular heart failure	01/2020	20/08/2020		Specific No action other than the process of open declaration (the chapter is on valvular heart failure rather than valvular heart disease).
Madalina Garbi	Topic Adviser	Direct non-financial	British Society of Echocardiography Annual Conference invited speaker on “Differential diagnosis of the right heart dilatation”	9/10/2020	20/11/2020	9/10/2020	Non-specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	British Heart Valve society annual conference invited speaker on “Mitral valve prolapse, what does the surgeon need to know”	12/11/2020	20/11/2020	12/11/2020	Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Publication in the Journal of the American College of Cardiology” – Invited Editorial	August 2020	20/11/2020	August 2020	Non-specific

			"Arrhythmia in Mitral Valve Prolapse"				No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	Brief communication in the European Heart Journal to announce the electronic publication of the Heart Valve Specialist Core Syllabus	September 2020	20/11/2020	September 2020	Specific No action other than the process of open declaration
Madalina Garbi	Topic Adviser	Direct non-financial	ESC website publication of the ESC Heart Valve Specialist Core Syllabus	August 2020	20/11/2020	August 2020	Specific No action other than the process of open declaration
Catherine Head	Expert witness for pregnancy	Direct non-financial	President UK maternal cardiology society. The UK maternal cardiology society (UKMCS) is a professional body set up to advance the diagnosis and management of cardiac disease in pregnancy through awareness, education and research, and thereby to support the delivery of high quality, safe and equitable maternal cardiology care nationally and internationally. UKMCS is an affiliated society of the British Cardiovascular Society (BCS). Ordinary membership is open to all healthcare	11/2019	3/11/2020		Specific No action other than the process of open declaration

			professionals actively involved in the care of women with cardiac disease in pregnancy or research in this field.				
Catherine Head	Expert witness for pregnancy	Direct non-financial	Member British Society of Haematology writing group for guideline on anticoagulation for mechanical heart valves in pregnancy.	09/2020	3/11/2020		Specific No action other than the process of open declaration (topic not covered by this guideline)
Marjan Jahangiri	Early Committee Member, Cardiac Surgeon	Direct non-financial	I am the co-chair of Adult Cardiac Surgery Sub-committee of The Society for Cardiothoracic Surgery of GB & Ireland.	On application	On application	Ongoing	Non-specific No action other than the process of open declaration
Marjan Jahangiri	Early Committee Member, Cardiac Surgeon	Direct financial	I have agreed to limit my already very limited private practice (which comprises approximately 2% of my practice) to only the care of patients with non-valvular heart disease until guideline publication. I will not see patients with suspected or diagnosed heart valve disease.	On application	On application	On appointment	Specific No action other than the process of open declaration

Marjan Jahangiri	Early Committee Member, Cardiac Surgeon	Direct non-financial	Talk to the BCIS on surgical aortic valve replacement and aortic valve repair. Factual only, no opinion expressed.	01/2020	31/01/2020	01/2020	Specific No action other than the process of open declaration
Murad Muhammad Khan	General Practitioner	Direct non-financial	RCGP clinical advisor for cardiology guidelines.	01/2020	17/01/2020		Non-specific No action other than the process of open declaration
Murad Muhammad Khan	General Practitioner	Direct non-financial	Cardiology clinical lead for my PCN piloting community cardiology model, looking at heart failure patients with diabetes and the project is being funded by AstraZeneca. AstraZeneca paying for pharmacist clinical time and data analysis by a third party, the results will be forwarded to me and I will have the ultimate clinical decision role but no personal financial gain from this project. The results of this pilot will be presented to CCG and may be published if promising.	09/2020	31/07/2020	Ongoing	Non-specific No action other than the process of open declaration
Rajesh Kharbanda	Interventional Cardiologist	Direct financial	I will cease private work related to valve disease until guideline publication.	On appointment	14/04/2019	14/04/2019	Specific No action other than the process of open declaration

Rajesh Kharbanda	Interventional Cardiologist	Direct financial	I will cease paid teaching until guideline publication.	On appointment	14/04/2019	14/04/2019	Specific No action other than the process of open declaration
Rajesh Kharbanda	Interventional Cardiologist	Direct financial	Sponsorship to attend as speaker at a medical conference covering registration, travel and accommodation. (Transcatheter Valve Therapy meeting, Chicago)	12/06/2019	05/06/2019	15/06/2019	Specific No action other than the process of open declaration
Rajesh Kharbanda	Interventional Cardiologist	Direct non-financial	I was an invited speaker at industry sponsored session at PCR London Valve which is a specialist meeting. I was asked to discuss the Lotus TAVI valve because I have experience with this device. No payment received.	18/11/2019	10/12/2019	18/11/2019	Specific No action other than the process of open declaration
Rajesh Kharbanda	Interventional Cardiologist	Indirect financial	I am Chief Investigator of a randomized clinical trial testing the efficacy of routine cerebral embolic protection to reduce stroke in transcatheter aortic valve implantation (TAVI). The BHF Protect TAVI is a funded by the British Heart Foundation and Boston Scientific, through an independent investigator initiated grant for provision of devices.	11/2020	3/11/2020		Specific No action other than the process of open declaration The role of TAVI in cerebral embolic protection is not being covered by this guideline.

			<p>Aortic stenosis is treated by transcatheter aortic valve implantation (TAVI) or surgical aortic valve replacement (AVR). TAVI is less invasive, has less morbidity and allows faster recovery than surgical AVR. However, a major risk of TAVI is stroke, which occurs in about 3% of TAVI patients, and is associated with prolonged hospital stay, disability and earlier death. Most strokes occur at the time of TAVI due to embolism of debris released from the native valve and surrounding anatomy into the cerebral circulation. It is thought that cerebral embolic protection (CEP) devices could reduce the chances of debris reaching the brain and that these devices may reduce stroke. The BHF PROTECT-TAVI trial will investigate whether CEP devices reduce the likelihood of stroke during TAVI. 7730 people having transfemoral TAVI for aortic stenosis will be recruited from across the UK. Half of the participants will be randomised to have TAVI performed with CEP. The control group will have standard of care for TAVI</p>				
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			<p>without CEP. The primary outcome will be clinical stroke at 72 hours. BHF PROTECT-TAVI will define the clinical effectiveness of CEP to reduce stroke. A cost-effectiveness analysis to inform NHS decision-making will also be undertaken.</p> <p>The funding for this trial is from the British Heart Foundation and from an investigator initiated grant from Boston Scientific.</p> <p>The funding from both sources is administered by the University of Oxford.</p>				
Emma Mason	Co-opted clinical pharmacologist and end of life expert	Direct non-financial	Member of All Wales Medicine Strategy Group (AWMSG). Committee responsible for giving advice to Minister for Health on technology for NHS Wales.	09/2010	04/2019	09/2018	<p>Non-specific</p> <p>No action other than the process of open declaration</p>
Emma Mason	Co-opted clinical pharmacologist and end of life expert	Direct non-financial	Member of prioritisation panel for Wales Highly Specialised Services Committee (WHSSC). Panel meets annually to prioritise and give advice to WHSSC on commissioning of high	11/2016	04/2019	Ongoing	<p>Non-specific</p> <p>No action other than the process of open declaration</p>

			cost technology in NHS Wales.				
Emma Mason	Co-opted clinical pharmacologist and end of life expert	Direct non-financial	Member of National Ambulatory Emergency Care (AEC) Development Group. Advisory group to support Welsh Health boards to develop and optimise acute ambulatory care.	12/2017	04/2019	Ongoing	Non-specific No action other than the process of open declaration
Emma Mason	Co-opted clinical pharmacologist and end of life expert	Direct non-financial	Member of New Medicines Group. Committee responsible for technology appraisal to advise voting members of AWMMSG.	03/2019	04/2019	Ongoing	Non-specific No action other than the process of open declaration
Emma Mason	Co-opted clinical pharmacologist and end of life expert	Direct non-financial	Member of End of Life guidance committee for NICE.	06/2016	16/07/2019	Ongoing	Non-specific No action other than the process of open declaration
Saul Myerson	Cardiologist	Indirect financial	Previous and current research focusses significantly on valve disease. My areas of research cover less than 50% of the scope of the planned guidance, and within these areas, the research is focussed on specific aspects rather than the whole area, e.g. mainly cardiac MRI for assessment rather than other imaging modalities; and the use of ACE inhibitor medication for aortic	On application	25/04/2019	Ongoing	Specific No action other than the process of open declaration. See actions below for individual publications.

			stenosis, but not other valve lesions.				
Saul Myerson	Cardiologist	Direct financial	I have a small private cardiology practice, which includes some patients with valve disease. I have however agreed not to see private patients with a major diagnosis of valve disease, until guideline publication.	2012	25/04/2019	On appointment	Specific No action other than the process of open declaration
Saul Myerson	Cardiologist	Direct non-financial	Publication: Myocardial Scar and Mortality in Severe Aortic Stenosis: Data from the BSCMR Valve Consortium. 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. <i>Circulation</i> 2018 (in press)	10/2018	25/04/2019		Specific Withdraw from recommendations for MRI for aortic stenosis.
Saul Myerson	Cardiologist	Direct non-financial	Cardiac auscultation poorly predicts valvular heart disease in asymptomatic patients Gardezi SK, Myerson SG, Chambers J, Coffey S, d'Arcy J, Hobbs FDR, Holt	05/2018	25/04/2019		Specific Partial exclusion Withdraw from discussion of recommendations on review

			J, Kennedy A, Loudon M, Prendergast A, Prothero A, Wilson J, Prendergast BD. <i>Heart</i> 2018; 104(22): 1832-5 (doi.org/10.1136/heartjnl-2018-313082)				of diagnosis of heart valve disease
Saul Myerson	Cardiologist	Direct non-financial	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. <i>Eur J Cardiovasc Imag</i> 2017; 18: 489-98	05/2017	25/04/2019		Non-specific No action other than the process of open declaration.
Saul Myerson	Cardiologist	Direct non-financial	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 <i>Eur Heart J</i> 2016 Dec 14; 37: 3515-22;	12/2016	25/04/2019		Non-specific No action other than the process of open declaration.

			doi:10.1093/eurheartj/ehw229				
Saul Myerson	Cardiologist	Direct non-financial	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 <i>Circulation</i> 2016;133: 2287-96	06/2016	25/04/2019		Specific Partial exclusion Withdraw from recommendations for MRI for mitral regurgitation
Saul Myerson	Cardiologist	Direct non-financial	Multimodality imaging in heart valve disease Chambers JB, Myerson S, Rajani R, Morgan-Hughes G, Dweck M <i>OpenHeart</i> 2016; Mar 8;3(1), doi: 10.1136/openhrt-2015-000330	03/2016	25/04/2019		Non-specific No action other than the process of open declaration
Saul Myerson	Cardiologist	Direct non-financial	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. <i>EHJ-Cardiovascular</i>	03/2015	25/04/2019		Specific Partial exclusion Withdraw from discussion of recommendations on pharmacological management without heart failure

			<i>Imaging</i> 2015; 16: 834-841; doi: 10.1093/ehjci/jev043				
Saul Myerson	Cardiologist	Direct non-financial	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. <i>Circulation</i> 2012; 126: 1452-60	09/2012	25/04/2019		Specific Partial exclusion Withdraw from recommendations for MRI for aortic regurgitation
Saul Myerson	Cardiologist	Direct non-financial	Heart valve disease : investigation by cardiovascular magnetic resonance Myerson SG, <i>J Cardiovasc Magn Reson Imaging</i>. 2012; 14: 7-30	01/2012	25/04/2019		Non-specific No action other than the process of open declaration
Saul Myerson	Cardiologist	Direct non-financial	1. 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,	10/2019	31/07/2020		Non-specific No action other than the process of open declaration

			Myerson S, Karamitsos TD. Am J Cardiol 2019 Oct 15;124(8): 1246-1251				
Saul Myerson	Cardiologist	Direct non-financial	2. Mitral Valve Regurgitation Assessment by Cardiovascular Magnetic Resonance Imaging Garg P, Swift AJ, Zhong L, Carlhäll C-J, Ebberts T, Westenberg J, Hope M, Bax JJ; Myerson S. Nature Reviews Cardiology 2019 Dec 9. doi: 10.1038/s41569-019-0305-z	12/2019	31/07/2020		Specific Withdraw from recommendations for MRI for mitral regurgitation
Saul Myerson	Cardiologist	Direct non-financial	3. 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	12/2019	31/07/2020		Non-specific No action other than the process of open declaration
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	Publication: What is the value of a Nurse- Led Valve Clinic for patients with replacement heart Valves Parkin D, Chambers J. (Br J Cardn 2015;10:145-90	2015	16/07/2019		Non-specific No action other than the process of open declaration

Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication:</p> <p>Routine follow up for patients with prosthetic valves; the value of a nurse-led clinic</p> <p>Parkin D, Chambers J.</p> <p>(Br J Cardiol 2012; 19:76-78)</p>	2012	16/07/2019		<p>Non-specific</p> <p>No action other than the process of open declaration</p>
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication:</p> <p>The Case for a Specialist Multidisciplinary Valve Clinic.</p> <p>Chambers J, Lloyd G, Rimington H, Parkin D, Hayes A, Balldrock-Apps G, Topham A.</p> <p>(J Heart Valve Dis 2012;21:1-4)</p>	2012	16/07/2019		<p>Non-specific</p> <p>No action other than the process of open declaration</p>
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication in preparation :</p> <p>9 year audit of Multidisciplinary Valve Clinic</p> <p>Chambers J, Rajani R, Parkin D, Demetrescu C, Subbiah S, Hayes A, Campbell B.</p>	2019	16/07/2019	Ongoing	<p>Non-specific</p> <p>No action other than the process of open declaration</p>

Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication in preparation:</p> <p>Sex differences in aortic stenosis: effect on functional capacity and prognosis.</p> <p>International Journal of Cardiology</p>	2019	01/11/2019	Ongoing	<p>Non-specific</p> <p>No action other than the process of open declaration</p>
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication:</p> <p>Antihypertensive treatment with calcium channel blockers in patients with moderate or severe aortic stenosis: Relationship with all cause mortality</p> <p>S Saeed, G Mancina, R Rajani, D Parkin, J Chambers</p> <p>ljjcard 298 (2020) 122-125</p>	01/2020	17/01/2020		<p>Specific</p> <p>Withdraw from discussion of recommendations on pharmacological management without heart failure</p>
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	<p>Publication:</p> <p>Antihypertensive treatment with calcium channel blockers in patients with moderate or severe aortic stenosis: Relationship with all cause mortality</p>	01/2020	17/01/2020		<p>Specific</p> <p>Withdraw from discussion of recommendations on pharmacological management without heart failure</p>

			S Saeed, G Mancina, R Rajani, D Parkin, J Chambers Ijcard 298 (2020) 122-125				
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	Publication: Specialist valve clinic in a cardiac centre: 10 year experience Open Heart 2020	2010	06/07/2020	2020	Non-specific No action other than the process of open declaration
Denise Parkin	Cardiac Nurse Specialist	Direct non-financial	Chambers 2019, EXTAS study in moderate or severe aortic stenosis	2019	07/2020	2019	Specific Withdraw from recommendations on predictive accuracy of stress testing and stress echocardiography for severe aortic stenosis
Suzannah Power	Lay Member	Direct non-financial	Lay Member, BaNES CCG	2014	05/06/2019	Present	Non-specific No action other than the process of open declaration
Suzannah Power	Lay Member	Indirect financial	Co-Applicant, CBT/AF research, University of Birmingham Institute of Cardiovascular Sciences	2016	05/06/2019	Ongoing	Non-specific No action other than the process of open declaration
Suzannah Power	Lay Member	Direct non-financial	Lay Member, Health Literacy Collaborative (NHSE)	2016	05/06/2019	Present	Non-specific No action other than the process of open declaration
Suzannah Power	Lay Member	Direct non-financial	Member of approvals and oversight board for the CVD-	19/10/2020	3/11/2020		Non-specific

			COVID-UK project for BHF data science centre/HDR UK.				No action other than the process of open declaration
Phil Smith	Guideline Chair	Direct financial	I am Co-Editor in Chief of Practical Neurology, and receive an annual honorarium from the BMJ for this. I do not hold any position relevant to the guideline.	On application	09/11/2018		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct financial	Editorial Board: Oxford Medical Case Reports, Oxford University Press (honorarium received in 2017, 2018 and 2019). Topics not related to heart valve disease	01/2014	18/04/2019	Ongoing	Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	Editorial Board: European Journal of Preventive Cardiology, SAGE	02/2019	18/04/2019	Ongoing	Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	Editorial Board: World Journal of Cardiology, Baishiden	08/2018	18/04/2019	Ongoing	Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct financial	Lecturer, Event supported by Pfizer: GP educational event on Atrial Fibrillation. Received lecturer honorarium.	25/09/2018	18/04/2019	25/09/2018	Non-specific No action other than the process of open declaration

Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct financial	Lecturer, Event supported by Daichii-Sankyo: ESC Update on Cardiology for medical trainees. Received lecturer honorarium from the Company. Products not under consideration by the committee and do not manufacturer any products related to heart valve disease.	18/10/2018	18/04/2019	18/10/2018	Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Indirect financial	Research through the Royal Brompton Hospital and Imperial College, Norfolk and Norwich university Hospital and University of East Anglia and the BSCMR consortium; leading to publications relating to valve disease.	02/01/2013	18/04/2019	Ongoing	Specific No action other than the process of open declaration. Actions for individual publications detailed below.
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 30002099: Myocardial Scar and Mortality in Severe Aortic Stenosis	10/2018	18/04/2019		Specific Withdraw from recommendations for MRI for aortic stenosis
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 30266917: Osteoprotegerin and Myocardial Fibrosis in Patients with Aortic Stenosis	09/2018	18/04/2019		Non-specific No action other than the process of open declaration

Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 29914867: Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis: A Multicenter Cardiac Magnetic Resonance Study	06/2018	18/04/2019		Specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 29804897: Left Atrial Function Is Associated with Earlier Need for Cardiac Surgery in Moderate to Severe Mitral Regurgitation: Usefulness in Targeting for Early Surgery	09/2018	18/04/2019		Specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 28704465: Lipoprotein(a) in patients with aortic stenosis: Insights from cardiovascular magnetic resonance	07/2017	18/04/2019		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 28359524: Midwall Fibrosis and 5-Year Outcome in Moderate and Severe Aortic Stenosis	04/2017	18/04/2019		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 26588986: Clinical value of cardiovascular magnetic resonance in patients with MR-conditional pacemakers	10/2016	18/04/2019		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 24866867: Markers of left ventricular decompensation in aortic stenosis	07/2014	18/04/2019		Non-specific No action other than the process of open declaration

Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 25170097: Left ventricular hypertrophy with strain and aortic stenosis	10/2014	18/04/2019		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	PMID 31467152: Sex differences and outcomes in patients with valve disease	01/2020	31/01/2020		Non-specific No action other than the process of open declaration
Vassilios Vassiliou	Co-opted Specialist in Cardiac Valve Imaging	Direct non-financial	Editorial Board, Scientific Reports, Nature	11/2019	31/01/2020		Non-specific No action other than the process of open declaration

GUIDANCE NOTES FOR COMPLETION OF THE INTERESTS REGISTER

Relevant dates: Detail here the date the interest arose, the date it was first declared and when it ceased, if applicable. For example, if an individual has ceased to hold shares or undertake relevant private practice.