

Interests Register

Hypertension in adults Advisory Committee

Publication Date:

~~07/03/2019~~ 18/02/2019

Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Anthony Wierzbicki	Guideline Chair; Consultant in Metabolic Medicine/Chemical Pathology	Direct financial	Received travel and accommodation expenses from the PCSK9 Forum (an independent lipids educational institute funded indirectly by the pharmaceutical industry amongst other sources)		Upon appointment		Non-specific. No action other than the process of open declaration
		Direct non-financial	International Steering committee – STAREE trial of lipid-lowering in the elderly		Upon appointment		Non-specific. No action other than the process of open declaration
		Direct non-financial	Site clinical lead investigator for lipid-lowering drugs: Amgen (evolocumab); Merck Sharp & Dohme (anacetrapib); Akcea (volanesorsen)		Upon appointment		Non-specific. No action other than the process of open declaration
		Indirect financial	Clinical registry lead (Chiesi; lipoprotein lipase GENIALL registry)		Upon appointment		Non-specific. No action other than the process of open declaration
		Indirect financial	Currently, holds role of Investigator on clinical trials for a number of companies in the field of lipids. Does not receive direct payment, all payments are made to his hospital trust.		27/09/2017		Non-specific. No action other than the process of open declaration
		Direct non-financial	Talk on diagnosis of familial hypercholesterolaemia: South-West London		05/03/2018		Non-specific. No action other than

			CVD group (unpaid). Symposium sponsored by educational grant from Sanofi/Amgen.				the process of open declaration
Elizabeth Clark	Lay member	Direct non-financial	Scot – Heart Trial. Committee member named co-author. <i>The effects and costs of home-based rehabilitation for heart failure with reduced ejection fraction: The REACH-HF multicentre randomized controlled trial.</i> Hasnain M Dalal, Rod S Taylor, Kate Jolly, Russell C Davis, Patrick Doherty, Jackie Miles, Robin van Lingen, Fiona C Warren, Colin Green, Jennifer Wingham, Colin Greaves, Susannah Sadler, Melvyn Hillsdon, Charles Abraham, Nicky Britten, Julia Frost, Sally Singh, Christopher Hayward, Victoria Eyre, Kevin Paul, Chim C Lang, Karen Smithon behalf of the REACH-HF investigators. 2018 Oct 10. https://doi.org/10.1177/2047487318806358	10/10/2018	11/10/2018		Non-specific. No action other than the process of open declaration
Ann Elizabeth Denver	Hypertension Nurse (Diabetes), Whittington Health NHS Trust	Direct non-financial	Member of the British Hypertension society and member of association of medical prescribers		27/09/2017		Specific. No action other than the process of open declaration
Mark Glover	Consultant Hypertension Specialist Physician, MRC Clinician Scientist and Associate Professor, University of Nottingham and	Indirect non-financial	As clinical scientist with the MRC researching in the following areas: <ul style="list-style-type: none"> • Thiazide Induced Hyponatraemia (a side effect of low salt concentration in the blood caused by thiazide diuretics) • The genetics of a rare inherited form of hypertension called ‘Gordon syndrome’ The medical research council funds all research.		27/09/2017		Non-specific. No action other than the process of open declaration

	Nottingham University Hospitals NHS Trust	Direct non-financial	Member of the British hypertension society.		27/09/2017		Specific. No action other than the process of open declaration
		Indirect financial	The University of Nottingham's outpatient clinic is run by Circle, a private company, that administers services on behalf of the NHS		16/11/2018	Ongoing	Non-specific. No action other than the process of open declaration
Judith Magowan	Practice nurse, Okehampton Surgery; Associate lecturer, Plymouth University		Nil return.				
Terry McCormack	Principal in General Practice, Whitby Practice	Direct non-financial	Secretary and Trustee of the British Hypertension Society 2012 - 2016 Fellow of the British and Irish Hypertension Society		At application		Specific. No action other than the process of open declaration
		Direct non-financial	Hartle A, McCormack T, Carlisle J, Anderson S, Pichel A, Beckett N, Woodcock T and Heagerty A. The measurement of adult blood pressure and management of hypertension before elective surgery. Joint Guidelines from the Association of Anaesthetists of Great Britain and Ireland and the British Hypertension Society. Anaesthesia 2016; 71, 326-337.	2016	At application		Non-specific. No action other than the process of open declaration
		Direct non-financial	McCormack T, Carlisle J, Anderson S, Hartle A. Preoperative blood pressure measurement: what should GPs be doing? Br J Gen Pract. May 2016. VOL 66. Number 646.230-1	05/2016	At application		Non-specific. No action other than the process of open declaration
		Indirect financial	Research grants from Amgen, Bayer, Boehringer Ingelheim, Daiichi-Sankyo, Leo Pharma, Pfizer and the National Institute for Health Research. These research payments		At application		Non-specific. No action other than the process of open declaration

		are paid to Whitby Group Practice, of which I am a variable 6-7% shareholder. They support the employment of two research nurses and one research administrator.				
	Direct financial	Speaker fees from Bayer (anti-coagulation therapies) and Merck Sharpe & Dohme (lipid therapies). Travel grants for scientific meetings from Amgen and Bayer. None of these relate to hypertension. They are all declared on the ABPI disclosures website.		At application		Non-specific. No action other than the process of open declaration
	Direct non-financial	I am a committee member of the NICE Venous Thromboembolism Update Guideline Committee.	12/2017	08/01/2018		Non-specific. No action other than the process of open declaration
	Indirect financial	I gave a talk on atrial fibrillation management at a Primary Care Cardiovascular Society meeting. The Whitby Group Practice research fund received my speaker fee from Boehringer Ingelheim.		08/01/2018		Non-specific. No action other than the process of open declaration
	Direct financial	I received a travel and accommodation grant from MSD to attend the European Society of Cardiology meeting in Barcelona from 25 to 30 Aug 2017.	08/2017	02/11/2018	2017	Non-specific. No action other than the process of open declaration
	Direct non-financial	I am a committee member of the NICE Perioperative Care Medicine Guideline Committee.	2018	28/02/2018	2020 (expected)	Non-specific. No action other than the process of open declaration
	Direct financial	I received a fee from AstraZeneca for advising them about a new treatment for raised potassium.	2018	28/02/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on step 4

					treatment. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Carr S, Shaikh R, O'Donnell R, McCormack T. The Awareness and Implementation of the AAGBI/BHS Guideline on Management of Hypertension Before Elective Surgery in the Hull York Medical School Region. <i>Journal of Human Hypertension (2018) 32:S9 P-04.</i> doi.org/10.1038/s41371-018-0109-3	2018	10/10/2018		Specific. No action other than the process of open declaration
Direct non-financial	Shaikh R, Carr S, O'Donnell R, McCormack T. The Significance of Blood Pressure in Cancellations of Elective Surgery: An Audit of the Hull York Medical School Region Following Recent New Guidelines. <i>Journal of Human Hypertension (2018) 32:S9 P-03.</i> doi.org/10.1038/s41371-018-0109-3	2018	10/10/2018		Specific. No action other than the process of open declaration
Indirect financial	The Whitby Group Practice Research Fund has received a payment from Roche for work on a guideline to manage high blood pressure caused by treatments for cervical and ovarian cancer.	06/04/18	10/10/2018	Ongoing	Specific. No action other than the process of open declaration

		Indirect financial	The Whitby Group Practice Research Fund has received additional payments from Sanofi and Weight Watchers for research activities.	23/08/18	10/10/2018	05/09/18	Non-specific. No action other than the process of open declaration
		Direct financial	I have received speaker fees and expenses from AstraZeneca for a talk on hyperkalaemia management.	26/09/18	10/10/2018	26/09/18	Specific. Partial exclusion. Declare and withdraw from drafting recommendations on step 4 management. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Irene McGill	Lay member		Nil return.				
Richard McManus	Professor of Primary Care, Primary Care Health Sciences, University of Oxford; General practitioner,	Direct non-financial	Omran (a BP monitor manufacturer) have supplied electronic BP monitors for the TASMINH4 trial for which I am Chief Investigator.		Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of

	Honorary Consultant in Primary Care, Oxford Health NHS Foundation Trust					hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this paper.
	Direct non-financial	I am a member of the European Society of Hypertension / European Society of Cardiology Hypertension Guideline Advisory Group.		Upon appointment		Specific. No action other than the process of open declaration
	Direct non-financial	I chair the British Hypertension Society BP Monitoring working group.		Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to

						respond to specific questions from the committee regarding this topic.
	Direct financial	Professor General Practice at the University of Oxford and largely funded via the NIHR. I supervise 4 PhD students who are all doing projects linked to monitoring of blood pressure in and out of pregnancy.		Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on step 4 management. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
	Direct financial	I am a General Practitioner Principal in Oxford and a shareholder in a company that runs a GP practice in Birmingham where I was previously based.		Upon appointment		Non-specific. No action other than the process of open declaration
	Direct non-financial	KL Tucker, JP Sheppard, R Stevens, HB Bosworth, A Bove, EP Bray, et al. Self-monitoring of Blood Pressure in Hypertension:	2017	Upon appointment		Specific. Partial exclusion.

	A Systematic Review and Individual Patient Data Meta-Analysis. PLOS Medicine 2017. In Press.			Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Albasri, A., O'Sullivan, J. W., Roberts, N. W., Prinjha, S., McManus, R. J., & Sheppard, J. P. A comparison of blood pressure in community pharmacies with ambulatory, home and general practitioner office readings: systematic review and meta-analysis. J Hypertens. 2017. doi:10.1097/HJH.0000000000001443	2017	Upon appointment	Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to

					respond to specific questions from the committee regarding this topic.
Direct non-financial	Tompson, A. C., Grant, S., Greenfield, S. M., McManus, R. J., Fleming, S., Heneghan, C. J., Ward, A. M. Patient use of blood pressure self-screening facilities in general practice waiting rooms: a qualitative study in the UK.. Br J Gen Pract, 2017. 67(660), e467-e473. doi:10.3399/bjgp17X690881	2017	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Band, R., Bradbury, K., Morton, K., May, C., Michie, S., Mair, F. S., McManus R.J., Yardley, L. (2017). Intervention planning for a digital intervention for self-management of hypertension: a theory-, evidence- and person-based approach. Implement Sci,	2017	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations

	2017. 12(1), 25. doi:10.1186/s13012-017-0553-4				on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Franssen, M., Farmer, A., Grant, S., Greenfield, S., Heneghan, C., Hobbs, R., McManus, R. J. Telemonitoring and/or self-monitoring of blood pressure in hypertension (TASMINH4): protocol for a randomised controlled trial. BMC Cardiovasc Disord, 2017 17(1), 58. doi:10.1186/s12872-017-0494-5	2017	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee

					regarding this topic.
Direct non-financial	Bradbury K, Morton K, Band R, May C, McManus RJ, Little P, Yardley L. Understanding how primary care practitioners perceive an online intervention for the management of hypertension. BMC Med Inform Decis Mak. 2017 Jan 9;17(1):5. doi: 10.1186/s12911-016-0397-x.	01/2017	Upon appointment		Non-specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Morton K, Dennison L, May C, Murray E, Little P, McManus RJ, Yardley L. Using digital interventions for self-management of chronic physical health conditions: A meta-ethnography review of published studies. Patient Educ Couns. 2016 Oct 20. pii: S0738-3991(16)30489-X. doi: 10.1016/j.pec.2016.10.019.	10/2016	Upon appointment		Non-specific. No action other than the process of open declaration

Direct non-financial	Cairns AE, Tucker KL, Leeson P, Mackillop L, McManus RJ. Survey of healthcare professionals regarding adjustment of antihypertensive medication(s) in the postnatal period in women with hypertensive disorders of pregnancy. <i>Pregnancy Hypertens.</i> 2016 Oct;6(4):256-258. doi: 10.1016/j.preghy.2016.08.240.	10/2016	Upon appointment		Non-specific. No action other than the process of open declaration
Direct non-financial	Band R, Morton K, Stuart B, Raftery J, Bradbury K, Yao GL, Zhu S, Little P, Yardley L, McManus RJ. Home and Online Management and Evaluation of Blood Pressure (HOME BP) digital intervention for self-management of uncontrolled, essential hypertension: a protocol for the randomised controlled HOME BP trial. <i>BMJ Open.</i> 2016 Nov 7;6(11):e012684. doi: 10.1136/bmjopen-2016-012684.	11/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Irving G, Holden J, Stevens R, McManus RJ. Which cuff should I use? Indirect blood pressure measurement for the diagnosis of hypertension in patients with obesity: a diagnostic accuracy review. <i>BMJ Open.</i> 2016	11/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting

	Nov 3;6(11):e012429. doi: 10.1136/bmjopen-2016-012429.				recommendations on diagnosis of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Sheppard JP, Martin U, Gill P, Stevens R, McManus RJ. Prospective Register Of patients undergoing repeated Office and Ambulatory Blood Pressure Monitoring (PROOF-ABPM): protocol for an observational cohort study. BMJ Open. 2016 Oct 31;6(10):e012607. doi: 10.1136/bmjopen-2016-012607.	10/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the

					committee regarding this topic.
Direct non-financial	Billingsley Kaambwa, Stirling Bryan, Emma Frew, Emma Bray, Sheila Greenfield, Richard J McManus; on behalf of the TASMING2 Investigators** What Drives Responses to Willingness-to-pay Questions? A Methodological Inquiry in the Context of Hypertension Self-management. JHEOR 2016;4(2):158-71	2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Stergiou GS, Parati G, Vlachopoulos C, Achimastos A, Andreadis E, Asmar R, Avolio A, Benetos A, Bilo G, Boubouchairopoulou N, Boutouyrie P, Castiglioni P, de la Sierra A, Dolan E, Head G, Imai Y, Kario K, Kollias A, Kotsis V, Manios E, McManus R, Mengden T, Mihailidou A, Myers M, Niiranen T, Ochoa JE, Ohkubo T, Omboni S, Padfield P, Palatini P, Papaioannou T, Protogerou A, Redon J,	09/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee

	Verdecchia P, Wang J, Zanchetti A, Mancia G, O'Brien E. Methodology and technology for peripheral and central blood pressure and blood pressure variability measurement: current status and future directions – Position statement of the European Society of Hypertension Working Group on blood pressure monitoring and cardiovascular variability. J Hypertens. 2016 Sep;34(9):1665-77.				member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	McCartney DE, McManus RJ. Self-monitoring and self-management: new interventions to improve blood pressure control. Curr Opin Nephrol Hypertens. 2016 Aug 31. [Epub ahead of print]	08/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.

Direct non-financial	Fletcher BR, Hinton L, Bray EP, Hayen A, Hobbs FR, Mant J, Potter JF, McManus RJ. Self-monitoring blood pressure in patients with hypertension: an internet-based survey of UK GPs. Br J Gen Pract. 2016 Aug 30. pii: bjgpnov-2016-66-652-fletcher-fl-p. [Epub ahead of print]	08/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Stevens SL, Wood S, Koshiaris C, Law K, Glasziou P, Stevens RJ, McManus RJ. Blood pressure variability and cardiovascular disease: systematic review and meta-analysis. BMJ. 2016 Aug 9;354:i4098. doi: 10.1136/bmj.i4098.	08/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis and monitoring of hypertension. The committee member will

					remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Wood S, Greenfield SM, Sayeed Haque M, Martin U, Gill PS, Mant J, Mohammed MA, Heer G, Johal A, Kaur R, Schwartz C, McManus RJ. Influence of ethnicity on acceptability of method of blood pressure monitoring: a cross-sectional study in primary care. Br J Gen Pract. 2016 Aug;66(649):e577-86. doi: 10.3399/bjgp16X685717. Epub 2016 Jun 6.	08/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee

					regarding this topic.
Direct non-financial	Grant S, Hodgkinson JA, Milner SL, Martin U, Tompson A, Hobbs FR, Mant J, McManus RJ, Greenfield SM. Patients' and clinicians' views on the optimum schedules for self-monitoring of blood pressure: a qualitative focus group and interview study. Br J Gen Pract. 2016 Jul 5. pii: bjgpnov-2016-66-652-grant-fl-p. [Epub ahead of print].	07/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Penaloza C, Jowett S, Barton P, Roalfe A, Fletcher K, Taylor CJ, McManus RJ, Hobbs FDR, Mant J. Cost-effectiveness analysis of different systolic blood pressure targets for people with a history of stroke or transient ischaemic attack: economic analysis of the PAST-BP (Prevention After Stroke – Blood Pressure) Study. Eur J Prev Cardiol. 2016 Oct;23(15):1590-8. doi:	05/2016	Upon appointment		Non-specific. No action other than the process of open declaration

	10.1177/2047487316651982. Epub 2016 May 25.				
Direct non-financial	The Stroke Prevention Programme: a programme of research to inform optimal stroke prevention in primary care. Fletcher K, Mant J, McManus RJ, Hobbs R. Southampton (UK): NIHR Journals Library; 2016 Mar	03/2016	Upon appointment		Non-specific. No action other than the process of open declaration
Direct non-financial	Hodgkinson J, Koshiaris C, Martin U, Mant J, Heneghan C, Hobbs FR, McManus RJ. Accuracy of monitors used for blood pressure checks in English retail pharmacies: a cross-sectional observational study. Br J Gen Pract. 2016 Mar 29. pii: bjgpMay-2016-66-646-Hodgkinson-FL-P. [Epub ahead of print]	03/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Sheppard JP, Stevens R, Gill P, Martin U, Godwin M, Hanley J, Heneghan C, Hobbs FD, Mant J, McKinstry B, Myers M, Nunan D, Ward A, Williams B, McManus RJ. Predicting Out-of-Office Blood Pressure in the Clinic (PROOF-BP): Derivation and Validation of a	03/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations

	Tool to Improve the Accuracy of Blood Pressure Measurement in Clinical Practice. Hypertension. 2016 Mar 21. pii: HYPERTENSIONAHA.115.07108.				on diagnosis and monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Mant J, McManus RJ, Roalfe A, Fletcher K, Taylor CJ, Martin U, Virdee S, Greenfield S, Hobbs FD. Different systolic blood pressure targets for people with history of stroke or transient ischaemic attack: PAST-BP (Prevention After Stroke-Blood Pressure) randomised controlled trial. BMJ. 2016 Feb 24;352:i708. doi: 10.1136/bmj.i708.	02/2016	Upon appointment		Specific. Partial exclusion
Direct non-financial	Ng KP, Jain P, Gill PS, Heer G, Townend JN, Freemantle N, Greenfield S, McManus RJ, Ferro CJ. Results and lessons from the Spironolactone To Prevent Cardiovascular Events in Early Stage Chronic Kidney Disease (STOP-CKD) randomized controlled trial. BMJ Open. 2016 Feb 25;6(2):e010519. doi:10.1136/bmjopen-2015-010519.	02/2016	Upon appointment		Non-specific. No action other than the process of open declaration

Commented [SC1]: This was listed at appointment – we hadn't realised that this population was excluded and therefore previously listed as specific. (Also more than 12 months prior to appointment)

Direct non-financial	McLean G, Band R, Saunderson K, Hanlon P, Murray E, Little P, McManus RJ, Yardley L, Mair FS; DIPSS co-investigators. Digital interventions to promote self-management in adults with hypertension systematic review and meta-analysis. J Hypertens. 2016 Apr;34(4):600-12. doi: 10.1097/HJH.0000000000000859.	05/2016	Upon appointment		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct financial	Conducts research mostly about blood pressure, monitoring and management.		27/09/2017		Specific. No action other than the process of open declaration
Indirect financial	Has received blood pressure monitoring equipment by manufacturer (Omron UK), not a monetary gift, but in support of trial work being undertaken.		27/09/2017		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee

					member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Member of the hypertension society.		27/09/2017		Specific. No action other than the process of open declaration
Direct non-financial	On the European society for hypertension guideline development group.		27/09/2017	09/2018	Specific. No action other than the process of open declaration
Indirect financial	Received grants for research on essential hypertension, pregnancy and antihypertensive withdrawal in over 80s from the NIHR and on self-monitoring /management of BP after stroke from the Stroke Association.		27/09/2017		Specific. No action other than the process of open declaration
Indirect financial	NIHR NSPCR grant to examine the impact of the 2011 NICE guidance in a primary care dataset.		27/09/2017		Non-specific. No action other than the process of open declaration

Indirect financial	Co-investigator on another trial of a digital intervention including self-monitoring and for a trial of spironolactone in CKD.		27/09/2017		Non-specific. No action other than the process of open declaration
Direct non-financial	Over the summer, I was involved in an ARC bid which involves work on self-monitoring in collaboration with a technology partner called: https://www.sensynehealth.com As part of this I met with the CEO Lord Drayson and discussed the potential for their help in turning our telemonitoring intervention into a commercial app. He has written a letter of support for the Oxford ARC including pledging matched funding (in kind) I have no personal financial interest nor do I expect to have one (funds will go to the university)	08/2018	05/09/2018		Specific. No action other than the process of open declaration
Direct non-financial	Hypertension referrals from community pharmacy to general practice: multivariate logistic regression analysis of 131 419 patients. Albasri A, Prinjha S, McManus RJ, Sheppard JP. Br J Gen Pract. 2018 Aug;68(673):e541-e550. doi: 10.3399/bjgp18X697925. Epub 2018 Jul 2. PMID: 29970396	07/2018	05/09/2018		Non-specific. No action other than the process of open declaration.
Direct non-financial	Self-Management of Postnatal Hypertension: The SNAP-HT Trial. Cairns AE, Tucker KL, Leeson P, Mackillop LH, Santos M, Velardo C, Salvi D, Mort S, Mollison J, Tarassenko L, McManus RJ; SNAP-HT Investigators. Hypertension. 2018 Aug;72(2):425-432. doi: 10.1161/HYPERTENSIONAHA.118.10911. Epub 2018 Jul 2. PMID: 29967037	08/2018	05/09/2018		Non-specific. No action other than the process of open declaration

Direct non-financial	Do patients actually do what we ask: patient fidelity and persistence to the Targets and Self-Management for the Control of Blood Pressure in Stroke and at Risk Groups blood pressure self-management intervention. Schwartz CL, Seyed-Safi A, Haque S, Bray EP, Greenfield S, Hobbs FDR, Liile P, Mant J, Williams B, Mcmanus RJ. J Hypertens. 2018 Aug;36(8):1753-1761. doi: 10.1097/HJH.0000000000001738. PMID: 29889157	08/2018	05/09/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Home blood pressure telemonitoring in the 21st century. Parati G, Dolan E, McManus RJ, Omboni S. J Clin Hypertens (Greenwich). 2018 Jul;20(7):1128-1132. doi: 10.1111/jch.13305. PMID: 30003701	07/2018	05/09/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.

Direct non-financial	Guidelines for blood pressure measurement: development over 30 years. Stergiou GS, Parati G, McManus RJ, Head GA, Myers MG, Whelton PK. J Clin Hypertens (Greenwich). 2018 Jul;20(7):1089-1091. doi: 10.1111/jch.13295. PMID: 30003695	07/2018	05/09/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Prospective external validation of the Predicting Out-of-Office Blood Pressure (PROOF-BP) strategy for triaging ambulatory monitoring in the diagnosis and management of hypertension: observational cohort study. Sheppard JP, Martin U, Gill P, Stevens R, Hobbs FR, Mant J, Godwin M, Hanley J, McKinstry B, Myers M, Nunan D, McManus RJ; PROOF-BP investigators. BMJ. 2018 Jun 27;361:k2478. doi: 10.1136/bmj.k2478. PMID: 29950396	06/2018	05/09/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of

					the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Inadequate safety reporting in pre-eclampsia trials: a systematic evaluation. Duffy J, Hirsch M, Pealing L, Showell M, Khan KS, Ziebland S, McManus RJ; International Collaboration to Harmonise Outcomes in Pre-eclampsia (iHOPE). BJOG. 2018 Jun;125(7):795-803. doi: 10.1111/1471-0528.14969. Epub 2017 Dec 19. Review. PMID: 29030992	06/2018	05/09/2018		Non-specific. No action other than the process of open declaration.
Direct non-financial	Intensive versus standard blood pressure treatment improves cardiovascular outcomes without any difference in patient-reported outcomes. McCartney D, McManus RJ. BMJ Evid Based Med. 2018 Jun;23(3):114-115. doi: 10.1136/bmjebm-2017-110879. Epub 2018 Mar 16. Review. No abstract available. PMID: 29789320	03/2018	05/09/2018		Specific. No action other than the process of open declaration.
Direct non-financial	Qualitative process study to explore the perceived burdens and benefits of a digital intervention for selfmanaging high blood pressure in Primary Care in the UK. Morton K, Dennison L, Bradbury K, Band RJ, May C, Ranery J, Liile P, McManus RJ, Yardley L. BMJ Open. 2018 May 8;8(5):e020843. doi: 10.1136/bmjopen-2017-020843. PMID: 29739782	05/2018	05/09/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee

					member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Using the Person-Based Approach to optimise a digital intervention for the management of hypertension. Bradbury K, Morton K, Band R, van Woezik A, Grist R, McManus RJ, Liile P, Yardley L. PLoS One. 2018 May 3;13(5):e0196868. doi: 10.1371/journal.pone.0196868. eCollection 2018. PMID: 29723262	05/2018	05/09/2018		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.

Direct non-financial	Current practice of usual clinic blood pressure measurement in people with and without diabetes: a survey and prospective 'mystery shopper' study in UK primary care. Stevens SL, McManus RJ, Stevens RJ. <i>BMJ Open</i> . 2018 Apr 12;8(4):e020589. doi: 10.1136/bmjopen-2017-020589. PMID: 29654037	04/2018	05/09/2018		Specific. No action other than the process of open declaration
Direct non-financial	Benefits and Harms of Antihypertensive Treatment in Low-Risk Patients With Mild Hypertension. Sheppard JP, Stevens S, Stevens R, Martin U, Mant J, Hobbs FDR, McManus RJ. <i>JAMA Intern Med</i> . 2018 Oct 29. doi: 10.1001/jamainternmed.2018.4684. [Epub ahead of print] PMID: 30383082 [PubMed - as supplied by publisher]	10/2018	16/11/2018		Specific. No action other than the process of open declaration
Direct non-financial	Patient experience of home and waiting room blood pressure measurement: a qualitative study of patients with recently diagnosed hypertension. Tompson AC, Schwartz CL, Fleming S, Ward AM, Greenfield SM, Grant S, Hobbs FR, Heneghan CJ, McManus RJ. <i>Br J Gen Pract</i> . 2018 Oct 22. pii: bjgp18X699761. doi: 10.3399/bjgp18X699761. [Epub ahead of print] PMID: 30348884 [PubMed - as supplied by publisher]	10/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Optimising Treatment for Mild Systolic hypertension in the Elderly (OPTIMISE): protocol for a randomised controlled non-inferiority trial. Sheppard JP, Burt J, Lown M, Temple E, Benson J, Ford GA, Heneghan C, Hobbs FDR, Jowett S, Little P, Mant J, Mollison J, Nickless A, Ogburn E, Payne R, Williams M, Yu LM, McManus RJ. <i>BMJ Open</i> .	10/2018	16/11/2018		Non-specific. No action other than the process of open declaration

	2018 Oct 4;8(9):e022930. doi: 10.1136/bmjopen-2018-022930. PMID: 30287610 [PubMed - in process] Free PMC Article				
Direct non-financial	Tackling poorly selected, collected, and reported outcomes in obstetrics and gynecology research. Duffy JMN, Ziebland S, von Dadelszen P, McManus RJ. Am J Obstet Gynecol. 2018 Sep 28. pii: S0002-9378(18)30815-9. doi: 10.1016/j.ajog.2018.09.023. [Epub ahead of print] PMID: 30273584 [PubMed - as supplied by publisher]	09/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Authors' reply re: Inadequate safety reporting in pre-eclampsia trials: a systematic evaluation. Duffy JM, Pealing L, McManus RJ; International Collaboration to Harmonise Outcomes for Pre-eclampsia (iHOPE). BJOG. 2018 Sep 21. doi: 10.1111/1471-0528.15450. [Epub ahead of print] No abstract available. PMID: 30239112 [PubMed - as supplied by publisher]	09/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	The utility of long-term blood pressure variability for cardiovascular risk prediction in primary care. Stevens SL, McManus RJ, Stevens RJ. J Hypertens. 2018 Sep 17. doi: 10.1097/HJH.0000000000001923. [Epub ahead of print] PMID: 30234785 [PubMed - as supplied by publisher]	09/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Association of guideline and policy changes with incidence of lifestyle advice and treatment for uncomplicated mild hypertension in primary care: a longitudinal cohort study in the Clinical Practice Research	09/2018	16/11/2018		Non-specific. No action other than the process of open declaration

	Datalink. Sheppard JP, Stevens S, Stevens RJ, Mant J, Martin U, Hobbs FDR, McManus RJ. <i>BMJ Open</i> . 2018 Sep 5;8(9):e021827. doi: 10.1136/bmjopen-2018-021827. PMID: 30185571 [PubMed - in process] Free PMC Article				
Direct non-financial	How Do Home and Clinic Blood Pressure Readings Compare in Pregnancy? Tucker KL, Bankhead C, Hodgkinson J, Roberts N, Stevens R, Heneghan C, Rey É, Lo C, Chandiramani M, Taylor RS, North RA, Khalil A, Marko K, Waugh J, Brown M, Crawford C, Taylor KS, Mackillop L, McManus RJ. <i>Hypertension</i> . 2018 Sep;72(3):686-694. doi: 10.1161/HYPERTENSIONAHA.118.10917. PMID: 30354754 [PubMed - in process] Free PMC Article	09/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Hypertension referrals from community pharmacy to general practice: multivariate logistic regression analysis of 131 419 patients. Albasri A, Prinjha S, McManus RJ, Sheppard JP. <i>Br J Gen Pract</i> . 2018 Aug;68(673):e541-e550. doi: 10.3399/bjgp18X697925. Epub 2018 Jul 2. PMID: 29970396 [PubMed - in process] Free PMC Article	07/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	Self-Management of Postnatal Hypertension: The SNAP-HT Trial. Cairns AE, Tucker KL, Leeson P, Mackillop LH, Santos M, Velardo C, Salvi D, Mort S, Mollison J, Tarassenko L, McManus RJ; SNAP-HT Investigators. <i>Hypertension</i> . 2018 Aug;72(2):425-432. doi: 10.1161/HYPERTENSIONAHA.118.10911.	07/2018	16/11/2018		Non-specific. No action other than the process of open declaration

			Epub 2018 Jul 2. PMID: 29967037 [PubMed - in process]				
		Direct non-financial	Do patients actually do what we ask: patient fidelity and persistence to the Targets and Self-Management for the Control of Blood Pressure in Stroke and at Risk Groups blood pressure self-management intervention. Schwartz CL, Seyed-Safi A, Haque S, Bray EP, Greenfield S, Hobbs FDR, Little P, Mant J, Williams B, Mcmanus RJ. J Hypertens. 2018 Aug;36(8):1753-1761. doi: 10.1097/HJH.0000000000001738. PMID: 29889157 [PubMed - in process]	08/2018	16/11/2018		Non-specific. No action other than the process of open declaration
Lucy Pollock	Consultant Geriatrician, Taunton and Somerset NHS Foundation Trust	Direct financial	Dermal sponsored talk on 26 September 2017 about care of complex frail elderly. Talk briefly mentioned underrepresentation of the very frail. Fee received.		27/09/2017		Non-specific. No action other than the process of open declaration
Mark Shapley	Retired General Practitioner, Wolstanton Medical Centre Newcastle-under-Lyme	Direct financial	Partner at Wolstanton Medical Centre. Wolstanton Medical Centre is a Keele University research practice.		At application	07/2018	Non-specific. No action other than the process of open declaration
		Direct non-financial	Fellow of the Royal College of General Practitioners		At application		Non-specific. No action other than the process of open declaration
Alison Warren	Consultant Pharmacist Cardiology, Brighton and Sussex University Hospitals NHS Trust and Brighton and Hove CCG	Direct financial	Speaker fee from Bayer x2 (anticoagulation for atrial fibrillation) February and June 2017		At application		Non-specific. No action other than the process of open declaration
		Direct financial	Speaker fee from MSD x 1 (NICE lipid lowering guidelines) February 2017		At application		Non-specific. No action other than the process of open declaration

Direct financial	Speaker fee from Sanofi x 2 (Lipid lowering – PCSK9 inhibitors and NICE) July 2017		At application		Non-specific. No action other than the process of open declaration
Direct financial	Travel expenses to attend Pharmacist Heart Failure Group Meeting June 2016 (Novartis)		At application		Non-specific. No action other than the process of open declaration
Direct financial	Sponsorship Thrombosis Management Meeting June 2016 (Bayer)		At application		Non-specific. No action other than the process of open declaration
Direct financial	Sponsorship for conference fees for British Heart failure Society Meeting November 2015 (Servier)		At application		Non-specific. No action other than the process of open declaration
Direct financial non-specific	Sponsorship to attend ESC Cardiology 2015 (Daichi Sankyo)		At application		Non-specific. No action other than the process of open declaration
Direct financial	Received fees for speaking on lipids and anti-coagulation.		27/09/2017		Non-specific. No action other than the process of open declaration
Direct financial	I received an educational sponsorship from Novartis to attend the Annual British Society of Heart failure Meeting in London November 2017.		11/12/2017		Non-specific. No action other than the process of open declaration
Direct financial	I attended the Thrombosis Management Conference sponsored by Bayer. This covered travel, accommodation for 2 nights and conference attendance in line with ABPI regulations.	22/06/18	11/07/2018	24/06/18	Non-specific. No action other than the process of open declaration

		Direct financial	Educational grant from Novartis to attend the British Society of Heart Failure annual conference (London)	29/11/18	16/11/18	30/11/18	Non-specific. No action other than the process of open declaration
Bryan Williams, resigned from the committee on 10 October 2018.	Chair of Medicine, University College London (UCL) (HEFCE-tenured); Director, National Institute for Health Research (NIHR) University College London Hospitals Biomedical Research Centre (BRC); Director of Research and Development: University College London Hospitals; Consultant Physician and Hypertension Specialist, University College London Hospitals; NIHR Senior Investigator	Direct financial	In my role as an academic clinician, with a global profile in hypertension, I am often asked to provide advice as a consultant and/or lead trial steering committees for new drug or device development for the treatment of hypertension. These drugs or devices are not yet, or likely to be available, for clinical use for some time (and may never be) for the treatment of hypertension and will not be relevant to the deliberations of this guideline committee. Consultant fee received directly.		At application		Non-specific. No action other than the process of open declaration
		Direct financial	Vascular Dynamics (USA) – consultancy (personal) on the development of early phase trial/s for the evaluation of an endovascular stent for the treatment of resistant hypertension. Global CI for a phase II trial.		At application		Non-specific. No action other than the process of open declaration
		Direct financial	Novartis – Consultancy / steering committee (personal) designing an early phase clinical trial for the evaluation of a new chemical entity for the treatment of resistant hypertension.		At application		Non-specific. No action other than the process of open declaration
		Direct financial	I am also invited to deliver educational lectures at CME accredited scientific and clinical symposia at international congresses on the subject of hypertension, that are supported by honoraria and expenses either directly or indirectly (via industry sponsorship		At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations

	of the international congress). Daiichi Sankyo, Novartis, Servier, Pfizer – Honorarium and expenses (personal) for Hypertension masterclass lectures and invited speaker at major international scientific symposia on the broad subject of hypertension.				on pharmacological treatment of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Changes in albuminuria and the risk of major clinical outcomes in diabetes: Results from Advance-on. Diabetes Care in press 2017-11-15	11/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Accuracy of cuff-measured blood pressure. Systematic reviews and meta-analyses. J Am Coll Cardiol. 70: 572-586; 2017.	2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis of hypertension. The committee member will remain in the room for

					presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	A Universal standard for the validation of blood pressure measuring devices: Association for the advancement of medical instrumentation/ European society of hypertension/ International organization for standardization (AAMI/ESH/ISO) Collaboration statement. Hypertension / J Hypertension joint publication: in press 2017.	2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis and monitoring of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.

Direct non-financial	Application of non-invasive central aortic pressure assessment in clinical trials: Clinical experience and value. Artery Research 17: 1-15; 2017	2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Williams, B; Brunel, P; Lacy, PS; Baschiera, F; Zappe, DH; Kario, K; Cockcroft, J; (2017) Application of non-invasive central aortic pressure assessment in clinical trials: Clinical experience and value. Artery Research, 17 pp. 1-15.10.1016/j.artres.2016.10.154. doi 10.1016/j.artres.2016.10.154	2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Newman JE, Bown MJ, Sayer RD, Thompson JP, Robinson TG, Williams B, Panerai R, Lacy P, Naylor AR. (2017). Post-carotid endarterectomy hypertension. Part 1: Association with pre-operative clinical, imaging and physiological parameters. Eur J Vasc Endovasc Surg. 2017 Nov;54(5):551-563. doi: 10.1016/j.ejvs.2017.01.013. Epub 2017 Mar 6.	11/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Newman JE, Bown MJ, Sayer RD, Thompson JP, Robinson TG, Williams B, Panerai R, Lacy P, Naylor AR. (2017). Post-carotid Endarterectomy Hypertension. Part 2: Association with Peri-operative Clinical, Anaesthetic, and Transcranial Doppler Derived Parameters. Eur J Vasc Endovasc Surg. 2017 Sept 14. Pii:S1078-5884(17)30464-1. Doi: 10.1016/j.ejvs.2017.07.028. [Epub ahead of print]	08/2017	At application		Non-specific. No action other than the process of open declaration

Direct non-financial	Lip GYH, Coca A, Kahan T, Boriani G, Manolis AS, Olsen MH, Oto A, Potpara TS, Steffel J, Marin F, de Oliveira Figueiredo MJ, de Simone G, Tzou WS, Chiang CE, Williams B. (2017). Hypertension and cardiac arrhythmias: a consensus document from the European Heart Rhythm Association (EHRA) and ESC Council on Hypertension, endorsed by the Heart Rhythm Society (HRS), Asia-Pacific Heart Rhythm Society (APHRs) and Sociedad Latinoamericana de Estimulacion Cardiaca y Electrofisiologia (SOLEACE). <i>Europace</i> . 2017 Jun 1;19(6):891-911. Doi: 10.1093/europace/eux091.	06/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Spiering W, Williams B, Van der Heyden J, van Kleef M, Lo R, Versmissen J, Moelker A, Kroon A, Reuter H, Ansel G, Stone GW, Bates M. (2017). CALM-FIM_EUR investigators. Endovascular baroreflex amplification for resistant hypertension: a safety and proof-of-principle clinical study. <i>Lancet</i> . 2017 Sept 1. Pii: S0140-6736(17)32337-1. Doi: 10.1016/S0140-6736(17)32337-1. [Epub ahead of print]	09/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Gupta P, Patel P, Strauch B, lai FY, Akbarov A, Gulsin GS, Beech A, Maresova V, Topham PS, Stanley A, Thurston H, Smith PR, Horne R, Widimsky J, Keavney B, Heagerty A, Samani NJ, Williams B, Tomaszewski M. (2017). Biochemical Screening for Nonadherence is Associated with Blood Pressure Reduction and Improvement in Adherence. <i>Hypertension</i> . 2017 Aug 28. Pii: HYPERTENSIONAHA.117.09631.	08/2017	At application		Non-specific. No action other than the process of open declaration

Direct non-financial	Perrone-Filardi P, Coca A, Galderisi M, Paolillo S, Alpendurada F, de Simone G, Donal E, Kahan T, Mancina G, Redon J, Schmieder R, Williams B, Agabiti-Rosei E. (2017). Noninvasive cardiovascular imaging for evaluating subclinical target organ damage in hypertensive patients: a consensus article from the European Association of Cardiovascular Imaging, the European Society of Cardiology Council on Hypertension and the European Society of Hypertension. <i>J Hypertens</i> . 2017 Sep; 35(9):1727-1741. Doi: 10.1097/HJH.0000000001396.	09/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Picone DS, Schultz MG, Otahal P, Aakhus S, Al-Jumaily AM, Black JA, Bos WJ, Chambers JB, Chen CH, Cheng HM, Cremer A, Davies JE, Dwyer N, Gould BA, Hughes AD, Lacy PS, Laugesen E, Liang F, Melamed R, Muecke S, Ohte N, Okada S, Omboni S, Ott C, Peng X, Pereira T, Pucci G, Rajani R, Roberts-Thomson P, Rossen NB, Sueta D, Singa MD, Schmieder RE, Smulyan H, Srikanth VK, Stewart R, Stouffer GA, Takazawa K, Wang J, Westerhof BE, Weber F, Weber T, Williams B, Yamada H, Yamamoto E, Sharman JE. (2017). Accuracy of Cuff-Measured Blood Pressure: Systematic Reviews and Meta-Analyses. <i>J Am Coll Cardiol</i> . 2017 Aug 1;70(5):575-586. Doi: 10.1016/j.jacc.2017.05.064.	08/2107	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on diagnosis of hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee

					regarding this topic.
Direct non-financial	Messerli FH, Hofstetter L, Agabiti-Rosei E, Burnier M, Elliott WJ, Franklin SS, Grodzicki T, Kario K, Kjeldsen SE, Kostis JB, Laurent S, Leenen FH, Lunj-Johansen P, Mancia G, Narkiewicz K, Papademetriou V, Parati G, Poulter N, Redon J, Rimoldi SF, Ruilope LM, Schiffrin EL, Schmieder RE, Schwartz AB, Sever P, Sowers JR, Staessen JA, Wang J, Weber M, Williams B. (2017). Expertise: No Longer a Sine Qua Non for Guideline Authors? Hypertension. 2017 Aug;70(2):235-237. Doi: 10.1161/HYPERTENSIONAHA.117.09470. Epub 2017 Jun 26.	06/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Ohkuma T, Woodward M, Jun M, Muntner P, Hata J, Colagiuri S, Harrap S, Mancia G, Poulter N, Williams B, Rothwell P, Chalmers J; ADVANCE Collaborative Group. (2017). Prognostic Value of Variability in Systolic Blood Pressure Related to Vascular Events and Premature Death in Type 2 Diabetes Mellitus: The ADVANCE-ON Study. Hypertension. 2017 Aug;70(2):461-468. Doi: 10.1161/HYPERTENSIONAHA.117.09359. Epub 2017 Jun 5.	06/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Lip GYH, Coca A, Kahan T, Boriani G, Manolis AS, Olsen MH, Oto A, Potpara TS, Steffel J, Marin F, de Oliveira Figueiredo MJ, de Simone G, Tzou WS, En Chiang C, Williams B. (2017). Hypertension and cardiac arrhythmias: executive summary of a consensus document from the European	06/2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on monitoring of

	Heart Rhythm Association (EHRA) and ESC Council on Hypertension, endorsed by the Heart Rhythm Society (HRS), Asia-Pacific Heart Rhythm Society (APHRs), and Sociedad Latinoamericana de Estimulacion Cardiaca y Electrofisiologia (SOLEACE). Eur Heart J Cardiovasc Pharmacother. 2017 Jun 20. Doi: 10.1093/ehjcvp/pvx019. [Epub ahead of print].				hypertension. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct non-financial	Ruiz-Hurtado G, Banegas JR, Sarafidis PA, Volpe M, Williams B, Ruilope LM. (2017). Has the SPRINT trial introduced a new blood-pressure goal in hypertension? Nat Rev Cardiol. 2017 Sep;14(9):560-566. doi: 10.1038/nrcardio.2017.74. Epub 2017 May 11. Review.	05/2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on initiating treatment and treatment targets. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the

					committee regarding this topic.
Direct non-financial	Gupta P, Patel P, Strauch B, lai FY, Akbarov A, Maresova V, White CMJ, Petrak O, Gulsin GS, Patel V, Rosa J, Cole R, Zelinka T, Holaj R, Kinnell A, Smith PR, Thompson JR, Squire I, Widimsky J Jr, Samani NJ, Williams B, Tomaszewski M. (2017). Risk Factors for Nonadherence to Antihypertensive Treatment. Hypertension. 2017 Jun;69(6):1113-1120. Doi: 10.1161/HYPERTENSIONAHA.116.08729. Epub 2017 May 1.	05/2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Böhm, M., Schumacher, H., Teo, K. K., Lonn, E. M., Mahfoud, F., Mann, J. F. E., . . . Yusuf, S. (2017). Achieved blood pressure and cardiovascular outcomes in high-risk patients: results from ONTARGET and TRANSCEND trials. Lancet (London, England). doi:10.1016/s0140-6736(17)30754-7	2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting recommendations on initiating treatment and treatment targets. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee

					regarding this topic.
Direct non-financial	Williams, B., Cockcroft, J. R., Kario, K., Zappe, D. H., Brunel, P. C., Wang, Q., & Guo, W. (2017). Effects of Sacubitril/Valsartan Versus Olmesartan on Central Hemodynamics in the Elderly With Systolic Hypertension: The PARAMETER Study. Hypertension. doi:10.1161/HYPERTENSIONAHA.116.08556	2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Williams, B., & Stone, G. (2017). INTRODUCTION OF THE CALM II STUDY: A MULTI-CENTER, BLINDED, SHAM-CONTROLLED PIVOTAL TRIAL OF AN ENDOVASCULAR CAROTID BAROSTIMULATION IMPLANT FOR THE TREATMENT OF RESISTANT HYPERTENSION. Presented at: 66th Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC).	2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Linz, D., Mancia, G., Mahfoud, F., Narkiewicz, K., Ruilope, L., Schlaich, M., . . . Global SYMPLICITY Registry Investigators. (2017). Renal artery denervation for treatment of patients with self-reported obstructive sleep apnea and resistant hypertension: results from the Global SYMPLICITY Registry. Journal of Hypertension, 35 (1), 148-153. doi:10.1097/HJH.0000000000001142	2017	At application		Non-specific. No action other than the process of open declaration
Direct non-financial	Atkins, E. R., Hirakawa, Y., Salam, A., Woodward, M., Cooper, M., Hamet, P., Rodgers, A. (2017). Side effects and tolerability of combination blood pressure lowering according to blood pressure levels:	2017	At application		Specific. Partial exclusion. Declare and withdraw from drafting

	an analysis of the PROGRESS and ADVANCE trials. JOURNAL OF HYPERTENSION, 35 (6), 1318-1325. doi:10.1097/HJH.0000000000001287				recommendations on step 1 treatment. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic.
Direct financial	Relypsa – Consultancy / steering committee (personal) designing and overseeing the conduct of a phase 3 trial of a potassium binding agent in patients treated for resistant hypertension.		28/02/2018		Non-specific. No action other than the process of open declaration
Direct non-financial	On the European society for hypertension guideline development group.		27/09/2017	09/2018	Specific. No action other than the process of open declaration
Direct non-financial	Endocrine and haemodynamic changes in resistant hypertension, and blood pressure responses to spironolactone or amiloride: the PATHWAY-2 mechanisms substudies Bryan Williams, Thomas M MacDonald, Steve V Morant, David J Webb, Peter Sever, Gordon T McInnes, Ian Ford, J Kennedy Cruickshank, Mark J Caulfield, Sandosh Padmanabhan,	04/2018	12/04/2018		Non-specific. No action other than the process of open declaration

			Isla S Mackenzie, Jackie Salsbury, Morris J Brown, for The British Hypertension Society programme of Prevention And Treatment of Hypertension With Algorithm based Therapy (PATHWAY) Study Group*Lancet Diabetes Endocrinol 2018. Published Online April 11, 2018. http://dx.doi.org/10.1016/				
Co-opted member							
Parijat De	Consultant Physician In Diabetes, Endocrinology and Lipid Metabolism	Direct financial	I have received speaker fees for educational talks in diabetes from most companies but not from any pharmaceutical companies regarding hypertension		Upon appointment		Non-specific. No action other than the process of open declaration
Trainee							
Christopher Floyd		Direct financial	I am a Director of Cranworth Medical Ltd, which is a mobile application development agency specialising in software for healthcare. The company has no interests related to hypertension.		Upon appointment		Non-specific. No action other than the process of open declaration
		Direct non-financial	Membership of the British and Irish Hypertension Society.	12/11/2018	16/11/2018	Ongoing	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.