

Hypertension in adults (update) Committee meeting

Date: 05/09/2018

Location: Laurie Landeau Room, the Academy of Medical Sciences (41 Portland Place, London W1B 1QH)

Minutes: Confirmed

NICE National Institute for Health and Care Excellence

Committee members present:	
Anthony Wierzbicki (Chair)	(Present for notes 1–5)
Liz Clark	(Present for notes 1–5)
Elizabeth Denver	(Present for notes 1–5)
Mark Glover	(Present for notes 1–5)
Judith Magowan	(Present for notes 1–5)
Terry McCormack	(Present for notes 1–4D)
Irene McGill	(Present for notes 1–5)
Richard McManus	(Present for notes 1–5)
Lucy Pollock	(Present for notes 1–5)
Mark Shapley	(Present for notes 1–5)
Alison Warren	(Present for notes 1–5)

In attendance:		
Catherine Baden-Daintree	Senior Medical Editor, NICE	(Present for notes 1–5)
Serena Carville	Guideline Lead, NGC	(Present for notes 1–5)
Margaret Constanti	Senior Health Economist, NGC	(Present for notes 1–5)
Meredith Faust	Project Manager, NGC	(Present for notes 1–5)
Christopher Floyd	Clinical Trainee, NGC	(Present for notes 1–5)
Audrius Stonkus	Trainee Research Fellow, NGC	(Present for notes 1–5)
Rafina Yarde	Research Fellow, NGC	(Present for notes 1–5)

Observer:		
Margaret Lally	Guideline committee chair of Acute coronary	(Present for notes 4A–5)

	syndromes	
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Apologies:

Bryan Williams	Committee member
Caroline Kier	Guideline Commissioning Manager, NICE
Rebecca Boffa	Senior Research Fellow, NGC

1. Welcome and objectives for the meeting

The Chair welcomed the committee members and attendees to the tenth meeting on Hypertension in adults. The committee members and attendees introduced themselves.

The Chair informed the committee that apologies had been received. These are noted above.

The Chair outlined the objectives of the meeting, which included the final health economic model methods, the evidence reviews of malignant hypertension and update of blood pressure targets, the committee discussion write-ups of first-, second-, third- and fourth-step therapies.

2. Confirmation of matter under discussion, and declarations of interest

The Chair confirmed that, for the purpose of managing conflicts of interest, the matter under discussion was health economic model methods, malignant hypertension, blood pressure targets, and first-, second-, third- and fourth-step therapies.

The Chair asked everyone to declare verbally any interests that have arisen since the last meeting.

Name	Role with NICE	Type of interest	Description of interest	Relevant dates		Comments
				Interest arose	Interest ceased	
Richard McManus	Committee member	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	08/2018		Specific. No action other than the process of open

			<p>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)</p> <p>I have no personal financial interest nor do I expect to have one (funds will go to the university)</p>			declarati on
		Direct non-financial	<p>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</p>	08/2018		Non-specific. No action other than the process of open declarati on.
		Direct non-financial	<p>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</p>	02/07/2018		Non-specific. No action other than the process of open declarati on
		Direct non-financial	<p>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 R.J. J Hypertens. 2018 Aug;36(8):1753-1761. doi: 10.1097/HJH.00000000000017</p>	08/2018		Non-specific. No action other than the process of open declarati on

		38. PMID: 29889157			
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		Specific. Partial exclusion.	
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		Specific. Partial exclusion.	
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		Specific. Partial exclusion.	
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	12/2017		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	03/2018		Specific. No action other than the	

			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			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		Specific. Partial exclusion.
	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		Specific. Partial exclusion.
	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. BMJ Open. 2018 Apr 12;8(4):e020589. doi: 10.1136/bmjopen-2017-020589. PMID: 29654037	04/2018		Specific. No action other than the process of open declaration

The Chair and a senior member of the Developer's team noted that the following members would not participate in a part of the meeting:

- Terry McCormack is unable to participate in fourth-step therapy discussions.

3. Minutes of last meeting

The Chair asked the committee if it wanted any changes made to the minutes of the last meeting. The committee agreed that the minutes were a true and accurate account of the meeting.

The Chair confirmed that all matters arising had been completed or were in hand.

4. Questions and discussion

- A. Margaret Constanti, Senior Health Economist at the NGC, presented the final health economic modelling methods. The committee discussed and asked questions about the final health economic modelling methods.
- B. Rafina Yarde, Research Fellow at the NGC, presented the clinical evidence and Margaret Constanti presented the economic evidence for the review question ‘What factors indicate the need for same-day specialist review (including the possible presence of malignant or accelerated hypertension)?’ The committee discussed and asked questions about the evidence and drafted recommendations.
- C. Rafina Yarde presented the updated clinical evidence for the review question ‘Should targets used for antihypertensive therapy be based on blood pressure, cardiovascular risk or a combination of both?’ The committee discussed and asked questions about the updated clinical evidence and edited recommendations.
- D. The committee discussed the recommendations and rationale for the following review questions:
- 4.1 First-step therapy
 - 4.2 Second- and third-step therapy
 - 4.3 Fourth-step therapy.

5. Any other business

The committee agreed to the final meeting date of Tuesday 23 April 2019.

Date of next meeting: 10/10/2018

Location of next meeting: NGC Boardroom, Royal College of Physicians, 11 St Andrew’s Place, London NW1 4LE