

HYPERTENSION

Current Awareness

High blood pressure is one of the biggest risk factors for premature death and disability in England and is estimated to cost the NHS over 2 billion a year. More than one in four UK adults have high blood pressure and many don't realise it.

To keep you up to date [Imperial College Library](#) has compiled a selection of the latest evidence in this important area including guidance, research, e-learning & more.



Guidance and Policy

[2015 ERS/ESC guidelines in the treatment of Pulmonary Hypertension. What's new?](#)

British Cardiovascular Society, April 2016

[ACR appropriateness criteria: Suspected Pulmonary Hypertension \[Word Document\]](#)

American College of Radiology, December 2016

[Balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension](#)

NICE Guidance, April 2016

[CATS Clinical Guideline: Persistent Pulmonary Hypertension](#)

Children's Acute Transport Service, January 2016

[Clinical Commissioning Policy: Renal denervation for resistant hypertension \[PDF\]](#)

NHS England, July 2016

[Clinical Commissioning Policy: Riociguat for pulmonary arterial hypertension \[PDF\]](#)

NHS England, February 2017

[Clinical Commissioning Policy: Selexipag in the treatment of Pulmonary Arterial Hypertension \[PDF\]](#)
NHS England, July 2016

[Detection and Management of High Blood Pressure: how can we do better?](#)
British Heart Foundation, November 2016

[Health matters: combating high blood pressure](#)
Public Health England, January 2017

[Hypertension Overview](#)
NICE Pathways, 2017

[Impact of Hypertension on Cognitive Function -A Scientific Statement from the American Heart Association](#)
American Heart Association, October 2016

[The measurement of adult blood pressure and management of hypertension before elective surgery](#)
The Association of Anaesthetists of Great Britain & Ireland and the British Hypertension Society, March 2016

Evidence Summaries & Reviews

[Blood pressure-lowering efficacy of reserpine for primary hypertension](#)
Cochrane Database of Systematic Reviews, January 2017

[Beta-blockers for hypertension](#)
Cochrane Database of Systematic Reviews, January 2017

[Choice of drug therapy in primary \(essential\) hypertension](#)
UpToDate, updated January 2017

[Epidemiology, risk factors, and etiology of hypertension in children and adolescents](#)
UpToDate, updated: November 2016

[Eplerenone for hypertension](#)
Cochrane Database of Systematic Reviews, February 2017

[Exercise-based rehabilitation programmes for pulmonary hypertension](#)
Cochrane Database of Systematic Reviews, January 2017

[Factsheet: Alcohol and hypertension \[PDF\]](#)
Alcohol Concern, 4th August, 2016

[First-line combination therapy versus first-line monotherapy for primary hypertension](#)
Cochrane Database of Systematic Reviews, January 2017

[Home health monitoring devices compared with usual care for patients with hypertension; evidence note 59 \[PDF\]](#)
Healthcare Improvement Scotland, May 2016

[Hypertension in childhood](#)
Patient: Professional Reference, last checked December 2016

[Hypertension in 2017 - what is the right target?](#)
JAMA, February 14, 2017

[In people with hypertension, what are the long-term effects of orlistat?](#)

Cochrane Clinical Answers, August 2016

[Management of hypertension](#)

Patient: Professional Reference, last checked December 2016

[Overview of hypertension in acute and chronic kidney disease](#)

UpToDate, updated July 2016

[Population Dietary Salt Reduction and the Risk of Cardiovascular Disease](#)

New Statement, British Hypertension Society, August 2016

Drugs and prescribing information

[Amlodipine](#)

British National Formulary for Children - BNFC, February 2017

[Field Safety Notices - 21 - 25 November 2016](#)

Medicines and Healthcare products Regulatory Agency – MHRA, November

[Hypertension and heart failure](#)

British National Formulary – BNF, February 2017

[Kisplyx 4mg and 10mg hard capsules: summary of Product Characteristics \(SPC\)](#)

electronic Medicines Compendium – eMC, March 2017

[List of drug interactions: Spironolactone](#)

BNF, February 2017

[Losartan Potassium](#)

BNF, February 2017

[Medicines Management Resource for Chronic Kidney Disease \[PDF\]](#)

All Wales Medicines Strategy Group (AWMSG), February 2017

[NIHR Signal: Daily aspirin reduces pre-eclampsia for 'at-risk' women](#)

National Institute for Health Research Signal, January 2017

[Nitrates, calcium-channel blockers, and other antianginal drugs](#)

BNFC, February 2017

[Safety in Lactation: Drugs for hypertension](#)

Specialist Pharmacy Service, January 2017

[Spironolactone and renin-angiotensin system drugs in heart failure: risk of potentially fatal hyperkalaemia - clarification](#)

MHRA, December 2016

[Spironolactone—potion or poison?](#)

Drug and Therapeutics Bulletin, February 2017

[Tackling High Blood Pressure through Community Pharmacy \[PDF\]](#)

Pharmacy Voice, February 2017

[Why does the BNF consider it unnecessary to increase the dose of atenolol above 50 mg daily in hypertension?](#)
BNF, February 2017

Information for Patients

[Cause of high blood pressure \(hypertension\)](#)

NHS Choices, reviewed June 2016

[Pulmonary hypertension](#)

NHS Choices, March 2017

[Take a moment - blood pressure information pack \[PDF\]](#)

Stroke Association, March 2017

[Hypertension – Food Fact Sheet \[PDF\]](#)

British Dietetic Association, August 2016

[Beta-blockers](#)

NHS Choices, July 2016

[PIGF-based testing to help diagnose suspected pre-eclampsia \(Triage PIGF test, Elecsys immunoassay sFlt-1/PIGF ratio, DELFIA Xpress PIGF 1-2-3 test, and BRAHMS sFlt-1 Kryptor/BRAHMS PIGF plus Kryptor PE ratio\) : information for the public](#)

NICE, May 2016

e-Learning and training

[Alcohol](#)

e-Learning for Healthcare, updated 2017

[What's new in hypertension?](#)

BMJ Learning, updated September 2016

[Practice pointer: Treating hypertension in patients with medical comorbidities](#)

BMJ Learning, updated, February 2016

[Chronic kidney disease: diagnosis and management](#)

BMJ Learning, updated March 2016

Recent Journal Articles

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Abegaz, T. M., Shehab, A., Gebreyohannes, E. A., Bhagavathula, A. S., & Elnour, A. A. (2017). [Nonadherence to antihypertensive drugs](#). *Medicine*, 96(4), e5641. doi:10.1097/MD.0000000000005641

Bulas, J., Potočárová, M., Murín, J., Kozlíková, K., Luha, J., & Čaprnda, M. (2017). [Central Systolic Hypertension in Patients with Well-Controlled Hypertension](#). *BioMed Research International*, 2017, 1–10. doi:10.1155/2017/8158974

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- Gin-Sing, W. (2017). [Palliative care in pulmonary arterial hypertension.](#) *Current Opinion in Supportive and Palliative Care*, 11(1), 7–11. doi:10.1097/SPC.0000000000000252
- Grezzana, G. B., Stein, A. T., & Pellanda, L. C. (2017). [Twenty-four-hour ambulatory blood pressure monitoring for clinical evaluation of hypertensive patients in primary care: which groups would most benefit?](#) *Blood Pressure Monitoring*, 22(2), 72–78. doi:10.1097/MBP.0000000000000238
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- NCD Risk Factor Collaboration. (2017) [Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants.](#) *The Lancet*, 389(10064), 37–55. doi:10.1016/S0140-6736(16)31919-5 (Imperial College London authors)
- Pelto, H. (2017). [Hypertensive Medications in Competitive Athletes.](#) *Current Sports Medicine Reports*, 16(1), 45–49. doi:10.1249/JSR.0000000000000325
- Viera, A. J., & Hawes, E. M. (2016). [Management of mild hypertension in adults.](#) *BMJ (Clinical Research Ed.)*, 355, i5719. doi:10.1136/bmj.i5719
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- Available on Library PCs only:**
- Chow CK, Thakkar J, Bennett A, Hillis G. et al. [Quarter-dose quadruple combination therapy for initial treatment of hypertension: placebo-controlled, crossover, randomised trial and systematic review.](#) *The Lancet*, 2017 Mar 11;389(10073):1035-1042.
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Mariampillai, J. E., Eskås, P. A., Heimark, S., Larstorp, A. C. K., Fadl Elmula, F. E. M., Høieggen, A. (2017). [Apparent treatment-resistant hypertension – patient–physician relationship and ethical issues](#). *Blood Pressure*, 26(3), 133–138. doi:10.1080/08037051.2016.1277129

Tkaczyk, M., Stańczyk, M., Miklaszewska, M., Zachwieja, K., Wierciński, R., Stankiewicz, R., Fendler, W. (2017). [What has changed in the prevalence of hypertension in dialyzed children during the last decade?](#) *Renal Failure*, 39(1), 283–289. doi:10.1080/0886022X.2016.1260033

Selected Library Books and Chapters

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Fast Facts: Hypertension

MacGregor, Graham; Kaplan, Norman. Abingdon, Health Press, 2016

Essential Manual of 24 Hour Blood Pressure Management: From Morning to Nocturnal Hypertension

Kario, Kazuomi. Chichester, Wiley Blackwell, 2015

ABC of Hypertension

Beevers, D.G.; Lip, Gregory; O’Brien, Eoin. Chichester, Wiley-Blackwell, 2015

Oxford Cardiology Library: Hypertension

Lip, Gregory; Nadar, Sunil. Oxford, OUP, 2015

Kaplan’s Clinical Hypertension

Kaplan, Norman; Victor, Ronald; Flynn, Joseph. Philadelphia, Wolters-Kluwer, 2015

Oxford Medicine Online

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