

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

[Hypertension treatment in elderly patients](#)

DynaMed, updated February 2017

[Hypertension in children and adolescents](#)

DynaMed, updated September 2016

[Antihypertensive medication selection and management](#)

DynaMed, updated March 2017

[Dietary Approaches to Stop Hypertension \(DASH\) Diet](#)

DynaMed, updated April 2016

[Exercise-based rehabilitation programmes for pulmonary hypertension](#)

Cochrane Database of Systematic Reviews, January 2017

[Factsheet: Alcohol and hypertension \[PDF\]](#)

Alcohol Concern, 4th August, 2016

[Hypertension in childhood](#)

Patient: Professional Reference, last checked December 2016

[Hypertension in 2017 - what is the right target?](#)

JAMA, February 14, 2017

[Management of hypertension](#)

Patient: Professional Reference, last checked December 2016

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

New Statement, British Hypertension Society, August 2016

Drugs, prescribing and technical 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

[Home health monitoring devices compared with usual care for patients with hypertension; evidence note 59 \[PDF\]](#)

Healthcare Improvement Scotland, May 2016

[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 \[PDF\]](#) 01 February 2017 - Publisher: All Wales Medicines Strategy Group (AWMSG)

[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

CPD 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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Quarter-dose quadruple combination therapy for initial treatment of hypertension: placebo-controlled, crossover, randomised trial and systematic review Source: PubMed - 09 February 2017 - Publisher: Lancet (London, England) <http://www.ncbi.nlm.nih.gov/pubmed/28190578>

The drugs that mostly frequently induce acute kidney injury: a case – noncase study of a pharmacovigilance database, 14 March 2017 - Publisher: British Journal of Clinical Pharmacology, <http://onlinelibrary.wiley.com/doi/10.1111/bcp.13216/full>

Eplerenone for hypertension

Source: Cochrane Database of Systematic Reviews - 28 February 2017
<http://dx.doi.org/10.1002/14651858.CD008996.pub2>

Effect of type 2 diabetes mellitus on the pharmacokinetics and transplacental transfer of nifedipine in hypertensive pregnant women. 29 January 2017 - Publisher: British Journal of Clinical Pharmacology
<http://onlinelibrary.wiley.com/doi/10.1111/bcp.13226/full>

Are two drugs better than one? A review of combination therapies for hypertension. 8 February 2017 – Publisher: Expert Opinion on Pharmacotherapy.
<http://www.tandfonline.com/doi/full/10.1080/14656566.2017.1288719>

Selected Library Books and Chapters

To find location and availability please check Library Search, the freely available Imperial College Libraries online catalogue

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

Beever, 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

Cardiovascular disease and the Older Patient, pp44-67 2012

"Hypertension". Wierzbicki, Anthony; Viljoen, Adie (E-Book chapter, library PCs only)

Present Knowledge in Nutrition, pp721-731, 2012

"Hypertension". Sanders, Thomas (E-book chapter, library PCs only)

Practical Diabetes Care, pp227-261, 2011

"Hypertension". Levy, David (E-book chapter, library PCs only)

Oxford Medicine Online

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