

Hypertension search strategy 7

This literature search strategy was used for the following reviews;

- Treatment sequencing: second and third line therapy

The literature searches for this review are detailed below and complied with the methodology outlined in Developing NICE guidelines: the manual 2014, updated 2017

<https://www.nice.org.uk/guidance/pmg20/resources/developing-nice-guidelines-the-manual-pdf-72286708700869>

For more detailed information, please see the Methodology Review. [\[Add cross reference\]](#)

A.1 Clinical search literature search strategy

Searches were constructed using a PICO framework where population (P) terms were combined with Intervention (I) and in some cases Comparison (C) terms. Outcomes (O) are rarely used in search strategies for interventions as these concepts may not be well described in title, abstract or indexes and therefore difficult to retrieve. Search filters were applied to the search where appropriate.

Table 1: Database date parameters and filters used

Database	Dates searched	Search filter used
Medline (OVID)	1946 – 02 October 2018	Exclusions Randomised controlled trials Systematic review studies
Embase (OVID)	1974 – 02 October 2018	Exclusions Randomised controlled trials Systematic review studies
The Cochrane Library (Wiley)	Cochrane Reviews to Issue 8 of 12, August 2018 CENTRAL to Issue 7 of 12, July 2018 DARE and NHSEED to Issue 2 of 4, April 2015 HTA to Issue 4 of 4, October 2016	None

Medline (Ovid) search terms

1.	exp Hypertension/
2.	hypertens*.ti,ab.
3.	(elevat* adj2 blood adj pressur*).ti,ab.
4.	(high adj blood adj pressur*).ti,ab.
5.	(increase* adj2 blood pressur*).ti,ab.
6.	((systolic or diastolic or arterial) adj2 pressur*).ti,ab.
7.	or/1-6
8.	exp pregnancy/
9.	exp Hypertension, Pregnancy-Induced/ not exp Hypertension/
10.	(pre eclampsia or pre-eclampsia or preeclampsia).ti,ab.
11.	exp Hypertension, Portal/ not exp Hypertension/
12.	exp Hypertension, Pulmonary/ not exp Hypertension/
13.	exp Intracranial Hypertension/ not exp Hypertension/
14.	exp Ocular Hypertension/ not exp Hypertension/

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15.	exp Diabetes Mellitus, Type 1/ not exp Diabetes Mellitus, Type 2/
16.	or/9-15
17.	7 not 16
18.	letter/
19.	editorial/
20.	news/
21.	exp historical article/
22.	Anecdotes as Topic/
23.	comment/
24.	case report/
25.	(letter or comment*).ti.
26.	or/18-25
27.	randomized controlled trial/ or random*.ti,ab.
28.	26 not 27
29.	animals/ not humans/
30.	exp Animals, Laboratory/
31.	exp Animal Experimentation/
32.	exp Models, Animal/
33.	exp Rodentia/
34.	(rat or rats or mouse or mice).ti.
35.	or/28-34
36.	17 not 35
37.	(exp child/ or exp pediatrics/ or exp infant/) not (exp adolescent/ or exp adult/ or exp middle age/ or exp aged/)
38.	36 not 37
39.	limit 38 to English language
40.	exp Angiotensin-Converting Enzyme Inhibitors/
41.	Angiotensin-converting enzyme inhibitor*.ti,ab.
42.	(ACE inhibitor* or ACEI).ti,ab.
43.	(Captopril or Enalapril or Fosinopril or Imidapril or Lisinopril or Moexipril or Perindopril or Quinapril or Ramipril or Trandolapril or Capoten or Ecopace or Noyada or Innovace or Tanatril or Zestril or Perdix or Coversil or Accupro or Tritace).ti,ab.
44.	Captopril/ or Enalapril/ or Fosinopril/ or Lisinopril/ or Perindopril/ or Ramipril/
45.	exp Angiotensin Receptor Antagonists/
46.	(Angiotensin II adj3 (antagonist* or blocker*)).ti,ab.
47.	ARB.ti,ab.
48.	(Azilsartan or Candesartan or Eprosartan or Irbesartan or Losartan or Olmesartan or Telmisartan or Valsartan or Edarbi or Amias or Teveten or Aprovel or Ifirmasta or Sabervel or Cozaar or Olmetec or Tolura or Micardis or Diovan).ti,ab.
49.	Losartan/ or Valsartan/ or Olmesartan Medoxomil/
50.	exp Calcium Channel Blockers/
51.	Calcium channel blocker*.ti,ab.
52.	CCB.ti,ab.
53.	(Amlodipine or Clevidipine or Diltiazem or Felodipine or Isradipine or Lacidipine or Lercanidipine or Nicardipine or Nifedipine or Verapamil or Amlostin or Istin or Adizem or Angitil or Dilcardia or Dilzem or Slozem or Tildiem or Viazem or Zemtard or Kenzem or Cardioplen or Felendil or Neofel or Parmid or Plendil or Pinefeld or Vascalpha or Molap or

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	Motens or Zandip or Cardene or Adalat or Adipine or Coracten or Fortipine or Nifedipress or Tensipine or Valni or Securon or Verapress or Vertab or Univer or Zolvera or Cleviprex).ti,ab.
54.	Amlodipine/ or Diltiazem/ or Felodipine/ or Isradipine/ or Nicardipine/ or Nifedipine/ or Verapamil/
55.	Diuretics/
56.	Diuretics, Thiazide/
57.	((thiazide or thiazide-like or non-thiazide or conventional or potassium sparing) adj3 diuretic*).ti,ab.
58.	Mineralocorticoid Receptor Antagonists/
59.	((mineralocorticoid or aldosterone) adj3 antagonist*).ti,ab.
60.	(Amiloride or Cyclopenthiiazide or Spironolactone or Eplerenone or Bendroflumethiazide or Hydrochlorothiazide or Co-amilozide or Co-triamterzide or Co-zidocapt or Chlortalidone or Indapamide or Metolazone or Xipamide or Carace or Zestoretic or Coversyl or Accuretic or Cozaar or Sevikar or Olmetec or Actelsar or Tolucombi or Co-Diovan or Hygroton or Co-tenidone or Kalspare or Natrilix or Cardide or Indipam or Rawel or Tensaid or Alkapamid or Zaroxolyn or Diurexan or Aprinox or Neo-Naclex or CoAprovel or Lisoretic or Dyazide or Navispare or Lasilactone).ti,ab.
61.	Amiloride/ or Cyclopenthiiazide/ or Spironolactone/ or Bendroflumethiazide/ or Hydrochlorothiazide/ or Chlortalidone/ or Indapamide/ or Metolazone/ or Xipamide/ or Chlorthalidone/ or Metolazone/
62.	Adrenergic beta-Antagonists/
63.	(adrenergic beta antagonist* or beta blocker* or b blocker*).ti,ab.
64.	(Carvedilol or Labetalol or Atenolol or Nadolol or Oxprenolol or Pindolol or Propranolol or Timolol or Acebutolol or Bisoprolol or Celiprolol or Esmolol or Metoprolol or Nebivolol or Tenormin or Tenif or Corgard or Slow-Trasicor or Visken or Viskladix or Bedranol or Beta-Prograne or Syprol or Betim or Sectral or Cardicor or Congescor or Celectol or Breviblock or Betaloc or Lopresor or Nebilet).ti,ab.
65.	Labetalol/ or Nadolol/ or Oxprenolol/ or Pindolol/ or Propranolol/ or Timolol/ or Acebutolol/ or Bisoprolol/ or Celiprolol/ or Metoprolol/ or Nebivolol/
66.	exp Adrenergic alpha-Antagonists/
67.	(adrenergic alpha antagonist* or alpha adrenoreceptor blocker* or alpha blocker*).ti,ab.
68.	(Doxazosin or Prazosin or Terazosin or Cardura or Doxadura or Raporsin or Slocinx or Doxzogen or Larbex or Hypovase or Hytrin).ti,ab.
69.	Doxazosin/ or Prazosin/
70.	Antihypertensive Agents/
71.	centrally acting antihypertensive*.ti,ab.
72.	(Clonidine or Moxonidine or Minoxidil or Methyldopa or Catapres or Dixarit or Aldomet or Physiotens).ti,ab.
73.	Clonidine/ or Minoxidil/ or Methyldopa/
74.	renin inhibitor*.ti,ab.
75.	(Aliskiren or Rasilez).ti,ab.
76.	or/40-75
77.	39 and 76
78.	randomized controlled trial.pt.
79.	controlled clinical trial.pt.
80.	randomi#ed.ti,ab.
81.	placebo.ab.
82.	randomly.ti,ab.
83.	Clinical Trials as topic.sh.

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84.	trial.ti.
85.	or/78-84
86.	Meta-Analysis/
87.	exp Meta-Analysis as Topic/
88.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
89.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
90.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
91.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
92.	(search* adj4 literature).ab.
93.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
94.	cochrane.jw.
95.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
96.	or/86-95
97.	77 and (85 or 96)

Embase (Ovid) search terms

1.	exp Hypertension/
2.	hypertens*.ti,ab.
3.	(elevat* adj2 blood adj pressur*).ti,ab.
4.	(high adj blood adj pressur*).ti,ab.
5.	(increase* adj2 blood pressur*).ti,ab.
6.	((systolic or diastolic or arterial) adj2 pressur*).ti,ab.
7.	or/1-6
8.	exp pregnancy/
9.	exp Maternal Hypertension/
10.	(pre eclampsia or pre-eclampsia or preeclampsia).ti,ab.
11.	exp Hypertension, Portal/ not exp Hypertension/
12.	exp Hypertension, Pulmonary/ not exp Hypertension/
13.	exp Intracranial Hypertension/
14.	exp Ocular Hypertension/ not exp Hypertension/
15.	exp Diabetes Mellitus, Type 1/ not exp Diabetes Mellitus, Type 2/
16.	or/8-15
17.	7 not 16
18.	letter.pt. or letter/
19.	note.pt.
20.	editorial.pt.
21.	case report/ or case study/
22.	(letter or comment*).ti.
23.	or/18-22
24.	randomized controlled trial/ or random*.ti,ab.
25.	23 not 24
26.	animal/ not human/
27.	nonhuman/
28.	exp Animal Experiment/

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29.	exp Experimental Animal/
30.	animal model/
31.	exp Rodent/
32.	(rat or rats or mouse or mice).ti.
33.	or/25-32
34.	17 not 33
35.	(exp child/ or exp pediatrics/) not (exp adult/ or exp adolescent/)
36.	34 not 35
37.	limit 36 to English language
38.	exp *Angiotensin-Converting Enzyme Inhibitors/
39.	Angiotensin-converting enzyme inhibitor*.ti,ab.
40.	(ACE inhibitor* or ACEI).ti,ab.
41.	(Captopril or Enalapril or Fosinopril or Imidapril or Lisinopril or Moexipril or Perindopril or Quinapril or Ramipril or Trandolapril or Capoten or Ecopace or Noyada or Innovace or Tanatril or Zestril or Perdix or Coversil or Accupro or Tritace).ti,ab.
42.	*Captopril/ or *Enalapril/ or *Fosinopril/ or *Imidapril/ or *Lisinopril/ or *Moexipril/ or *Perindopril/ or *Quinapril/ or *Ramipril/ or *Trandolapril/ or *enalapril maleate/
43.	*angiotensin receptor antagonist/
44.	(Angiotensin II adj3 (antagonist* or blocker*)).ti,ab.
45.	ARB.ti,ab.
46.	(Azilsartan or Candesartan or Eprosartan or Irbesartan or Losartan or Olmesartan or Telmisartan or Valsartan or Edarbi or Amias or Teveten or Aprovel or Ifirmasta or Sabervel or Cozaar or Olmetec or Tolura or Micardis or Diovan).ti,ab.
47.	*Azilsartan/ or *Candesartan/ or *Eprosartan/ or *Irbesartan/ or *Losartan/ or *Valsartan/ or *Olmesartan Medoxomil/ or *Telmisartan/
48.	exp *Calcium Channel Blockers/
49.	Calcium channel blocker*.ti,ab.
50.	CCB.ti,ab.
51.	(Amlodipine or Clevidipine or Diltiazem or Felodipine or Isradipine or Lacidipine or Lercanidipine or Nicardipine or Nifedipine or Verapamil or Amlostin or Istin or Adizem or Angitil or Dilcardia or Dilzem or Slozem or Tildiem or Viazem or Zemtard or Kenzem or Cardioplen or Felendil or Neofel or Parmid or Plendil or Pinefeld or Vascalpha or Molap or Motens or Zanidip or Cardene or Adalat or Adipine or Coracten or Fortipine or Nifedipress or Tensipine or Valni or Securon or Verapress or Vertab or Univer or Zolvera or Cleviprex).ti,ab.
52.	*Amlodipine/ or *Diltiazem/ or *Felodipine/ or *Isradipine/ or *Nicardipine/ or *Nifedipine/ or *Verapamil/
53.	*Diuretics/
54.	*thiazide diuretic agent/
55.	((thiazide or thiazide-like or non-thiazide or conventional or potassium sparing) adj3 diuretic*).ti,ab.
56.	*mineralocorticoid antagonist/
57.	((mineralocorticoid or aldosterone) adj3 antagonist*).ti,ab.
58.	(Amiloride or Cyclopenthiiazide or Spironolactone or Eplerenone or Bendroflumethiazide or Hydrochlorothiazide or Co-amilozide or Co-triamterzide or Co-zidocapt or Chlortalidone or Indapamide or Metolazone or Xipamide or Carace or Zestoretic or Coversyl or Accuretic or Cozaar or Sevikaar or Olmetec or Actelsar or Tolucombi or Co-Diovan or Hygroton or Co-tenidone or Kalspare or Natrilix or Cardide or Indipam or Rawel or Tensaid or Alkapamid or Zaroxolyn or Diurexan or Aprinox or Neo-Naclex or CoAprovel or Lisoretic or Dyazide or Navispare or Lasilactone).ti,ab.

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59.	*Amiloride/ or *Cyclopenthiiazide/ or *Spironolactone/ or *Bendroflumethiazide/ or *Hydrochlorothiazide/ or *Chlortalidone/ or *Indapamide/ or *Metolazone/ or *Xipamide/
60.	*Adrenergic beta-Antagonists/
61.	(adrenergic beta antagonist* or beta blocker* or b blocker*).ti,ab.
62.	(Carvedilol or Labetalol or Atenolol or Nadolol or Oxprenolol or Pindolol or Propranolol or Timolol or Acebutolol or Bisoprolol or Celiprolol or Esmolol or Metoprolol or Nebivolol or Carvedilol or Tenormin or Tenif or Corgard or Slow-Trasicor or Visken or Viskladix or Bedranol or Beta-Prograne or Syprol or Betim or Sectral or Cardicor or Congescor or Celectol or Breviblock or Betaloc or Lopresor or Nebilet).ti,ab.
63.	*Carvedilol/ or *Labetalol/ or *Nadolol/ or *Oxprenolol/ or *Pindolol/ or *Propranolol/ or *Timolol/ or *Acebutolol/ or *Bisoprolol/ or *Celiprolol/ or *Metoprolol/ or *Nebivolol/
64.	exp *Adrenergic alpha-Antagonists/
65.	(adrenergic alpha antagonist* or alpha adrenoreceptor blocker* or alpha blocker*).ti,ab.
66.	(Doxazosin or Prazosin or Terazosin or Cardura or Doxadura or Raporsin or Slocinx or Doxzogen or Larbex or Hypovase or Hytrin).ti,ab.
67.	*doxazosin/ or *Prazosin/ or *Terazosin/
68.	*Antihypertensive Agents/
69.	centrally acting antihypertensive*.ti,ab.
70.	(Clonidine or Moxonidine or Methyldopa or Catapres or Dixarit or Aldomet or Physiotens).ti,ab.
71.	*clonidine/ or *moxonidine/ or *Methyldopa/
72.	renin inhibitor*.ti,ab.
73.	(Aliskiren or Rasilez).ti,ab.
74.	*Aliskiren/
75.	or/38-74
76.	37 and 75
77.	random*.ti,ab.
78.	factorial*.ti,ab.
79.	(crossover* or cross over*).ti,ab.
80.	((doubl* or singl*) adj blind*).ti,ab.
81.	(assign* or allocat* or volunteer* or placebo*).ti,ab.
82.	crossover procedure/
83.	single blind procedure/
84.	randomized controlled trial/
85.	double blind procedure/
86.	or/77-85
87.	systematic review/
88.	meta-analysis/
89.	(meta analy* or metanaly* or metaanaly* or meta regression).ti,ab.
90.	((systematic* or evidence*) adj3 (review* or overview*)).ti,ab.
91.	(reference list* or bibliograph* or hand search* or manual search* or relevant journals).ab.
92.	(search strategy or search criteria or systematic search or study selection or data extraction).ab.
93.	(search* adj4 literature).ab.
94.	(medline or pubmed or cochrane or embase or psychlit or psyclit or psychinfo or psycinfo or cinahl or science citation index or bids or cancerlit).ab.
95.	cochrane.jw.

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96.	((multiple treatment* or indirect or mixed) adj2 comparison*).ti,ab.
97.	or/87-96
98.	76 and (86 or 97)

Cochrane Library (Wiley) search terms

#1.	MeSH descriptor: [Hypertension] explode all trees
#2.	hypertens*:ti,ab
#3.	(elevat* near/2 blood next pressur*):ti,ab
#4.	(high near/1 blood near/1 pressur*):ti,ab
#5.	(increase* near/2 blood pressur*):ti,ab
#6.	((systolic or diastolic or arterial) near/2 pressur*):ti,ab
#7.	(or #1-#6)
#8.	MeSH descriptor: [Angiotensin-Converting Enzyme Inhibitors] explode all trees
#9.	Angiotensin-converting enzyme inhibitor*:ti,ab
#10.	(ACE inhibitor* or ACEI):ti,ab
#11.	(Captopril or Enalapril or Fosinopril or Imidapril or Lisinopril or Moexipril or Perindopril or Quinapril or Ramipril or Trandolapril or Capoten or Ecopace or Noyada or Innovace or Tanatril or Zestril or Perdix or Coversil or Accupro or Tritace):ti,ab
#12.	MeSH descriptor: [Captopril] explode all trees
#13.	MeSH descriptor: [Angiotensin Receptor Antagonists] explode all trees
#14.	(AngiotensinII near/3 (antagonist* or blocker*)):ti,ab
#15.	ARB:ti,ab
#16.	(Azilsartan or Candesartan or Eprosartan or Irbesartan or Losartan or Olmesartan or Telmisartan or Valsartan or Edarbi or Amias or Teveten or Aprovel or Ifirmasta or Sabervel or Cozaar or Olmetec or Tolura or Micardis or Diovan):ti,ab
#17.	MeSH descriptor: [Losartan] explode all trees
#18.	MeSH descriptor: [Calcium Channel Blockers] explode all trees
#19.	Calcium channel blocker*:ti,ab
#20.	CCB:ti,ab
#21.	(Amlodipine or Clevidipine or Diltiazem or Felodipine or Isradipine or Lacidipine or Lercanidipine or Nicardipine or Nifedipine or Verapamil or Amlostin or Istin or Adizem or Angitil or Dilcardia or Dilzem or Slozem or Tildiem or Viazem or Zemtard or Kenzem or Cardioplen or Felendil or Neofel or Parmid or Plendil or Pinefeld or Vascalpa or Molap or Motens or Zandip or Cardene or Adalat or Adipine or Coracten or Fortipine or Nifedipress or Tensipine or Valni or Securon or Verapress or Vertab or Univer or Zolvera or Cleviprex):ti,ab
#22.	MeSH descriptor: [Amlodipine] explode all trees
#23.	MeSH descriptor: [Diuretics] this term only
#24.	MeSH descriptor: [Sodium Chloride Symporter Inhibitors] this term only
#25.	((thiazide* or thiazide-like or non-thiazide or conventional or potassium sparing) near/3 diuretic*):ti,ab
#26.	MeSH descriptor: [Mineralocorticoid Receptor Antagonists] explode all trees
#27.	((mineralocorticoid or aldosterone) near/3 antagonist*):ti,ab
#28.	(Amiloride or Cyclopenthiiazide or Spironolactone or Eplenerone or Bendroflumethiazide or Hydrochlorothiazide or Co-amilozide or Co-triamterzide or Co-zidocapt or Chlortalidone or Indapamide or Metolazone or Xipamide or Carace or Zestoretic or Coversyl or Accuretic or Cozaar or Sevikaar or Olmetec or Actelsar or Tolucombi or Co-Diovan or Hygroton or Co-tenidone or Kalspare or Natrilix or Cardide or Indipam or Rawel or Tensaid or Alkapamid or Zaroxolyn or Diurexan or Aprinox or Neo-Naclex or CoAprovel or Lisoretic or Dyazide or Navispare or Lasilactone):ti,ab

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#29.	MeSH descriptor: [Amiloride] explode all trees
#30.	MeSH descriptor: [Adrenergic beta-Antagonists] this term only
#31.	(adrenergic beta antagonist* or beta blocker* or b blocker*):ti,ab
#32.	(Carvedilol or Labetalol or Atenolol or Nadolol or Oxprenolol or Pindolol or Propranolol or Timolol or Acebutolol or Bisoprolol or Celiprolol or Esmolol or Metoprolol or Nebivolol or Carvedilol or Tenormin or Tenif or Corgard or Slow-Trasicor or Visken or Viskladix or Bedranol or Beta-Prograne or Syprol or Betim or Sectral or Cardicor or Congescor or Celectol or Breviblock or Betaloc or Lopresor or Nebilet):ti,ab
#33.	MeSH descriptor: [Labetalol] explode all trees
#34.	MeSH descriptor: [Adrenergic alpha-Antagonists] explode all trees
#35.	(adrenergic alpha antagonist* or alpha adrenoreceptor blocker* or alpha blocker*):ti,ab
#36.	(Doxazosin or Prazosin or Terazosin or Cardura or Doxadura or Raporsin or Slocinx or Doxzogen or Larbex or Hypovase or Hytrin):ti,ab
#37.	MeSH descriptor: [Doxazosin] explode all trees
#38.	MeSH descriptor: [Antihypertensive Agents] this term only
#39.	centrally acting antihypertensive*:ti,ab
#40.	(Clonidine or Moxonidine or Methyldopa or Catapres or Dixarit or Aldomet or Physiotens):ti,ab
#41.	MeSH descriptor: [Clonidine] explode all trees
#42.	renin inhibitor*:ti,ab
#43.	(Aliskiren or Rasilez):ti,ab
#44.	(or #8-#43)
#45.	#7 and #44

A.2 Health Economics literature search strategy

Health economic evidence was identified by conducting a broad search relating to hypertension in adults population in NHS Economic Evaluation Database (NHS EED – this ceased to be updated after March 2015) and the Health Technology Assessment database (HTA) with no date restrictions. NHS EED and HTA databases are hosted by the Centre for Research and Dissemination (CRD). Additional searches were run on Medline and Embase for health economics, economic modelling and quality of life studies.

Table 2: Database date parameters and filters used

Database	Dates searched	Search filter used
Medline	2014 – 28 August 2018	Exclusions Health economics studies
Embase	2014 – 28 August 2018	Exclusions Health economics studies
Centre for Research and Dissemination (CRD)	HTA - Inception – 28 August 2018 NHSEED - Inception to March 2015	None

Medline (Ovid) search terms

1.	exp Hypertension/
2.	hypertens*.ti,ab.
3.	(elevat* adj2 blood adj pressur*).ti,ab.

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4.	(high adj blood adj pressur*).ti,ab.
5.	(increase* adj2 blood pressur*).ti,ab.
6.	((systolic or diastolic or arterial) adj2 pressur*).ti,ab.
7.	or/1-6
8.	letter/
9.	editorial/
10.	news/
11.	exp historical article/
12.	Anecdotes as Topic/
13.	comment/
14.	case report/
15.	(letter or comment*).ti.
16.	or/8-15
17.	randomized controlled trial/ or random*.ti,ab.
18.	16 not 17
19.	animals/ not humans/
20.	exp Animals, Laboratory/
21.	exp Animal Experimentation/
22.	exp Models, Animal/
23.	exp Rodentia/
24.	(rat or rats or mouse or mice).ti.
25.	or/18-24
26.	7 not 25
27.	limit 26 to English language
28.	Economics/
29.	Value of life/
30.	exp "Costs and Cost Analysis"/
31.	exp Economics, Hospital/
32.	exp Economics, Medical/
33.	Economics, Nursing/
34.	Economics, Pharmaceutical/
35.	exp "Fees and Charges"/
36.	exp Budgets/
37.	budget*.ti,ab.
38.	cost*.ti.
39.	(economic* or pharmaco?economic*).ti.
40.	(price* or pricing*).ti,ab.
41.	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)).ab.
42.	(financ* or fee or fees).ti,ab.
43.	(value adj2 (money or monetary)).ti,ab.
44.	or/28-43
45.	27 and 44

Embase (Ovid) search terms

1.	exp Hypertension/
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2.	hypertens*.ti,ab.
3.	(elevat* adj2 blood adj pressur*).ti,ab.
4.	(high adj blood adj pressur*).ti,ab.
5.	(increase* adj2 blood pressur*).ti,ab.
6.	((systolic or diastolic or arterial) adj2 pressur*).ti,ab.
7.	or/1-6
8.	letter.pt. or letter/
9.	note.pt.
10.	editorial.pt.
11.	case report/ or case study/
12.	(letter or comment*).ti.
13.	or/8-12
14.	randomized controlled trial/ or random*.ti,ab.
15.	13 not 14
16.	animal/ not human/
17.	nonhuman/
18.	exp Animal Experiment/
19.	exp Experimental Animal/
20.	animal model/
21.	exp Rodent/
22.	(rat or rats or mouse or mice).ti.
23.	or/15-22
24.	7 not 23
25.	limit 24 to English language
26.	health economics/
27.	exp economic evaluation/
28.	exp health care cost/
29.	exp fee/
30.	budget/
31.	funding/
32.	budget*.ti,ab.
33.	cost*.ti.
34.	(economic* or pharmaco?economic*).ti.
35.	(price* or pricing*).ti,ab.
36.	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)).ab.
37.	(financ* or fee or fees).ti,ab.
38.	(value adj2 (money or monetary)).ti,ab.
39.	or/26-38
40.	25 and 39

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NHS EED and HTA (CRD) search terms

#1.	MeSH DESCRIPTOR Hypertension EXPLODE ALL TREES IN NHSEED,HTA
#2.	(Hypertens*) IN NHSEED, HTA
#3.	(elevat* adj2 blood adj pressur*) IN NHSEED, HTA
#4.	(high adj blood adj pressur*) IN NHSEED, HTA
#5.	(increase* adj2 blood pressur*) IN NHSEED, HTA
#6.	((systolic or diastolic or arterial) adj2 pressur*) IN NHSEED, HTA
#7.	#1 OR #2 OR #3 OR #4 OR #5 OR #6

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