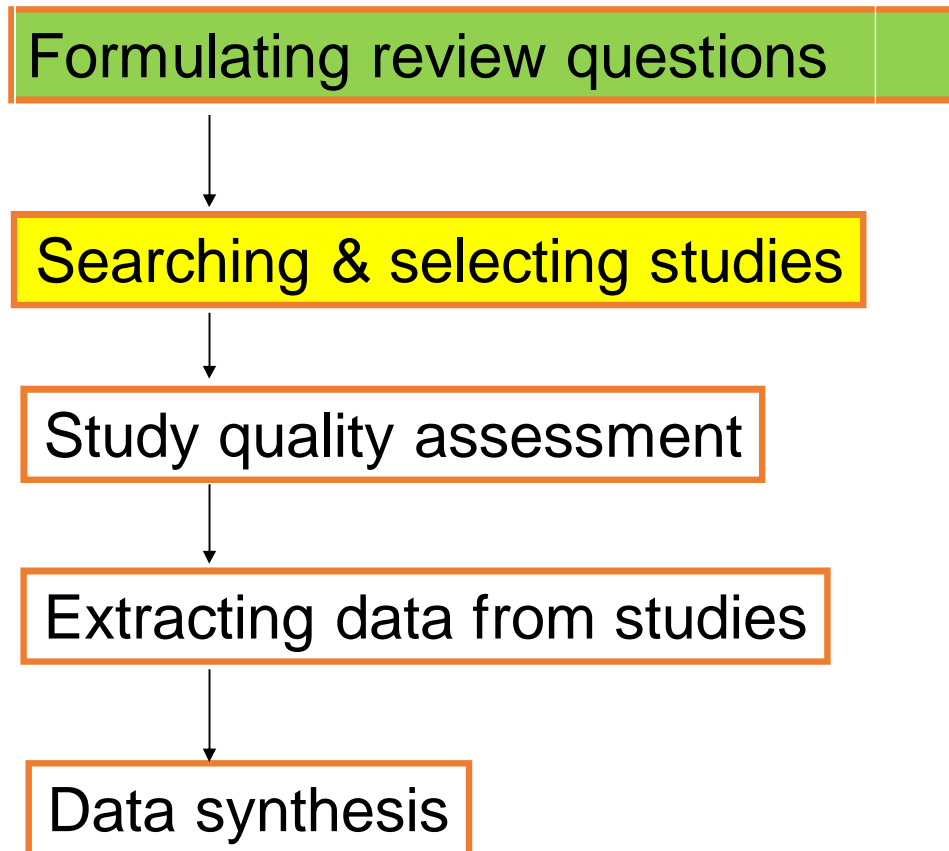
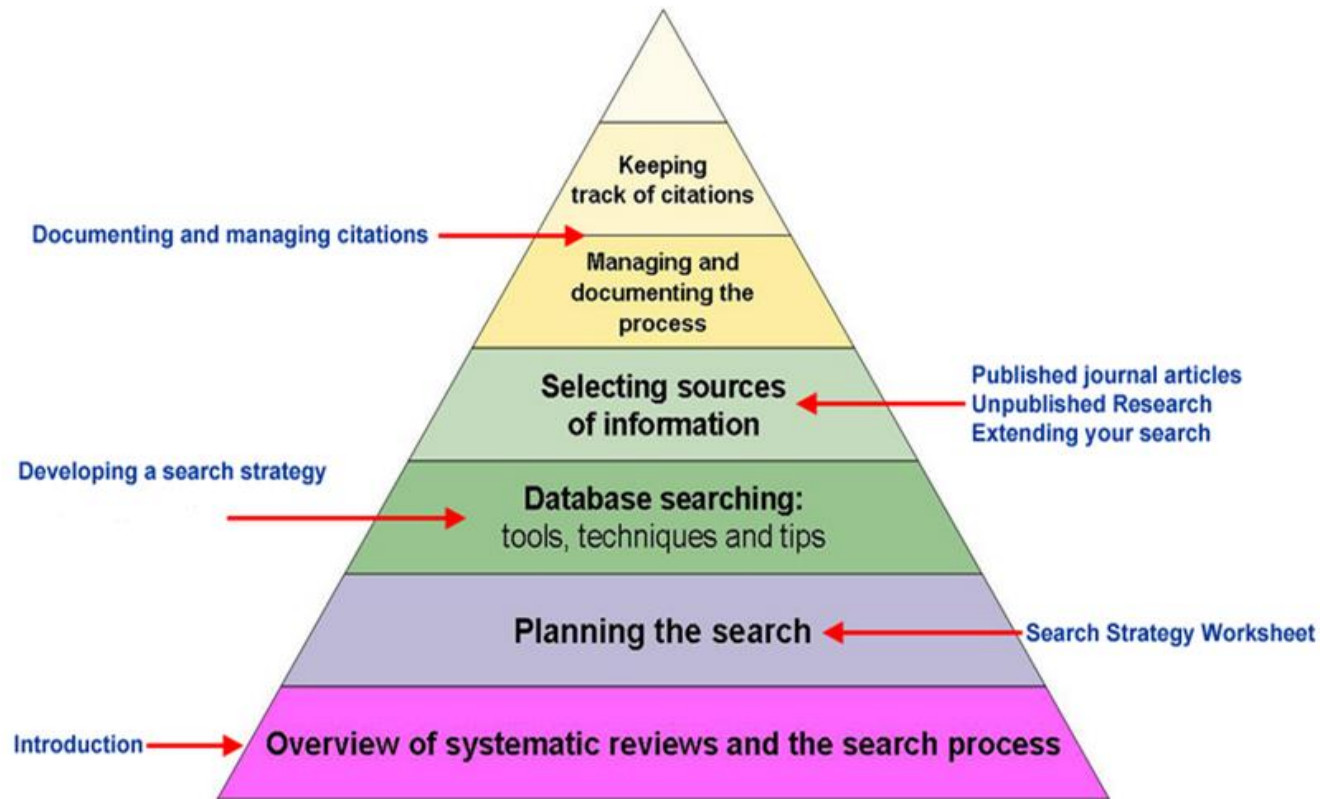


Development of a review protocol





Points !

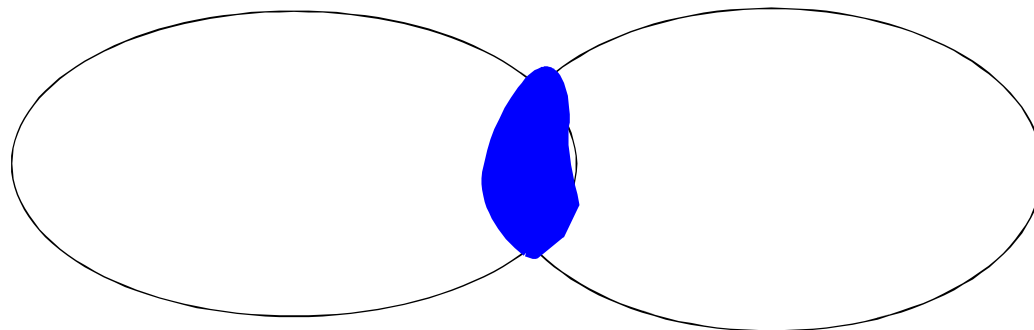
1. A literature review discusses **published information in a particular subject area**, and sometimes information in a particular subject area within a **certain time period**.
2. A literature review can be **just a simple summary** of the sources, but it usually has an organizational pattern and combines **both summary and synthesis**.
3. A summary is a **recap of the important information** of the source, but a synthesis is a **re-organization**, or a reshuffling, of that information.
4. It might give a **new interpretation** of old material or combine new with old interpretations.
5. And depending on the **situation**, the literature review may evaluate the sources and advise the reader on the most pertinent or relevant.

Literature Search Challenges

- Database Bias - "No single database is likely to contain all published studies on a given subject."
- Publication Bias - selective publication of articles that show positive treatment of effects and statistical significance.
 - Hence, it is important to search for **unpublished** studies through a manual search of **conference proceedings, correspondence with experts**, and a search of clinical trials registries.

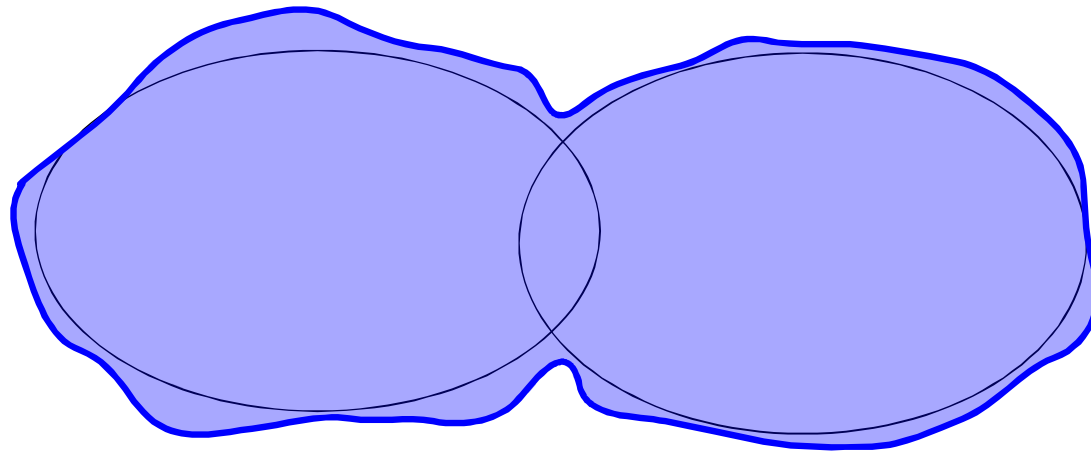
Margaliot, Zvi, Kevin C. Chung. "Systematic Reviews: A Primer for Plastic Surgery Research." PRS Journal. 120/7 (2007) p.1837

Boolean Logic: AND



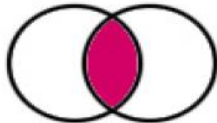
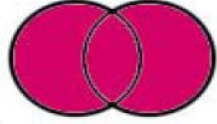
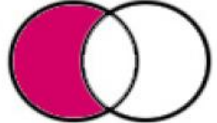
this is **AND zone, covering common area
between two ellipses**

Boolean Logic OR



this is boolean OR, covering the two ellipses

Boolean operators

Operator	Symbols	Example search	The search will find...	Venn diagrams – results are the shaded areas
AND	+	dogs AND cats	items containing both dogs and cats	
OR	/	dogs OR cats	items containing either dogs or cats or both	
NOT	-	dogs NOT cats	items containing dogs but not cats – <i>caution</i> , its easy to exclude relevant items	

Components of electronic searching

1. Describe each PICO component
2. Start with primary concept
3. Find synonyms
 - a) Identify MeSH / descriptors / subject headings
 - b) Add textwords
4. Add other components of PICO question to narrow citations (*may use study filter*)
5. Examine abstracts
6. Use search strategy in other databases (may need adapting)

Selecting studies

- performing a **comprehensive, objective, and reproducible search** of the literature
- selecting studies which meet the original inclusion and exclusion criteria

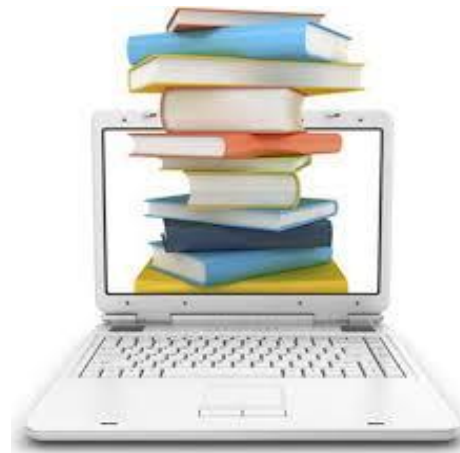
can be the most time-consuming and challenging task in preparing a systematic review

Data sources for a systematic review

- **Electronic databases**
 - MEDLINE and EMBASE
 - Specialized or local databases (CINAHL, CENTRAL, AMED,...)
- **Hand searching**
- **“Grey literature”** (thesis, Internal reports, pharmaceutical industry files)
- **Checking reference lists**
- **Unpublished sources** known to experts in the specialty (seek by personal communication)
- **Raw data** from published trials

What kind of Literature do we have?

- Print Materials
- Electronic Materials



Information recourses:

❖ Local Data

www.magiran.com

www.irandoc.ac.ir

www.sid.ir

❖ International Data

www.pubmed.com ...



PubMed description

- PubMed is a biomedical and life sciences database maintained by a division of the National Library of Medicine (NLM) known as the National Center for Biotechnology Information (NCBI)
- It is a large resource with more than 5600 journals indexed and greater than 22 million total citations
- NIH Library provides links to the PDF version of most articles

PubMed Searching

- **Worksheet: PubMed Searching**

- **Keywords**

- Boolean operators
 - AND (for combining different concepts, finds fewer results)
 - OR (for combining synonyms, finds more results)
- Phrase searching (“myotonic dystrophy”)
- Truncation (transcript*)

- **Synonyms**

- Myotonic Dystrophy Protein Kinase, DM Kinase, MDGP Kinase

- **Controlled vocabulary (MeSH)**

- **Similar articles**

- **Author search**

- **Citation tracking**

- **Review articles**

NIH Library : nihlibrary.nih.gov

NIH National Institutes of Health
Office of Management

Office of Research Services
Serving the NIH Community

ORS Home

Search Quick Links

NIH Library Home Resources Services Training & Events About Us

NIH LIBRARY

ALL RESOURCES OUR WEBSITE

Search Online Catalog

Search books, databases, journals, website, and more... SEARCH

DATABASES JOURNALS A-Z PUBMED @ NIH ASK A QUESTION

Virtual Reality Consulting Service
Offered by the NIH Library

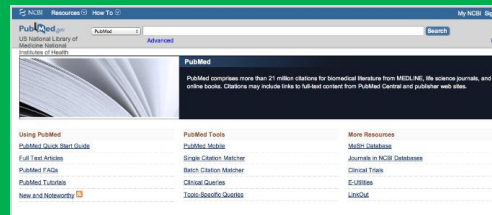
LEARN MORE

Accessing PubMed

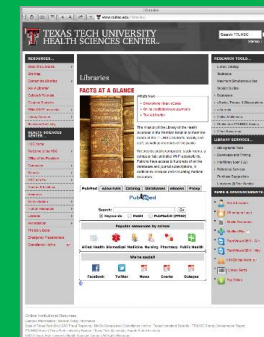
- Freely available over the Internet



@ www.pubmed.gov



- Also through library's home page



Creating a My NCBI Account

NCBI Resources How To Sign in to NCBI

PubMed.gov PubMed Advanced Search Help

US National Library of Medicine National Institutes of Health

PubMed Commons

PubMed
PubMed comprises more than 24 million literature from MEDLINE, life science Citations may include links to full-text Central and publisher web sites.

Using PubMed
[PubMed Quick Start Guide](#)
[Full Text Articles](#)
[PubMed FAQs](#)
[PubMed Tutorials](#)
[New and Noteworthy](#)

PubMed Tools
[PubMed Mobile](#)
[Single Citation Mat](#)
[Batch Citation Mat](#)
[Clinical Queries](#)
[Topic-Specific Queries](#)

[E-Utilities \(API\)](#)
[LinkOut](#)

You are here: NCBI > Literature > PubMed Write to the Help Desk

Click [Sign in to NCBI](#)

PubMed Home Page

Sign in to NCBI

Sign in with



[See more 3rd party sign in options](#)

OR

Sign in directly to NCBI

Keep me signed in

Sign In

[Forgot NCBI username or password?](#)

[Register for an NCBI account](#)

My NCBI retains user information and database preferences to provide customized services for many NCBI databases.

[My NCBI Overview](#)

My NCBI features include:

- Save searches & automatic e-mail alerts
- Display format preferences
- Filter options
- My Bibliography & NIH public access policy compliance
- [SciENcv](#): a researcher biosketch profile service
- Highlighting search terms
- Recent activity searches & records for 6 months
- LinkOut, document delivery service & outside tool selections

NIH funded investigator?

Extramural NIH-funded investigators looking for NIH Public Access Compliance tools can sign in with either "eRA Commons" or "NIH Login". Use your eRA Commons credentials on the subsequent sign in page. Once signed in, navigate to the My Bibliography section.

Documentation for using these features is located in the [Managing Compliance to the NIH Public Access Policy](#) section of the NCBI Help Manual.

Click [Register for an NCBI account](#)

Register for an NCBI Account

Skip registration by using a 3rd party sign in option

* required information

Azusa Pacific University

Select a username and password

Username: *
Password: *
Repeat password: *

Contact information

E-mail: *

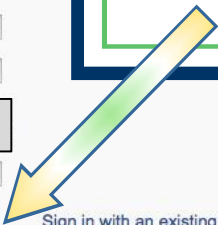
In case you forget your password

Please provide a question and answer that you can use to unlock your account

Question:
Answer: *

Please type the following characters: *

Fill out form
and click



Verifying your MY NCBI Account

Open the email you used in the account:

- 1) Locate the link from NCBI
- 2) Click the link
- 3) Tells NCBI you are a real user requesting the account
(not computer generated)
- 4) Your user name will now appear on the top right-hand side

Your username

Click My NCBI

The screenshot shows the PubMed.gov website interface. At the top, there is a navigation bar with 'NCBI', 'Resources', and 'How To' menus. On the right side of this bar, the text 'username' is displayed, with a callout bubble pointing to it that says 'Your username'. Next to it are links for 'My NCBI' and 'Sign Out', with a callout bubble pointing to 'My NCBI' that says 'Click My NCBI'. Below the navigation bar is the PubMed logo and a search bar containing the text 'PubMed'. To the right of the search bar is a 'Search' button and a 'Help' link. The main content area is divided into several sections: a 'PubMed' section with a description of the database, a 'PubMed COMMONS' section with a featured comment, and three columns of links under the headings 'Using PubMed', 'PubMed Tools', and 'More Resources'.

NCBI Resources How To username My NCBI Sign Out

PubMed.gov PubMed Search Help

US National Library of Medicine National Institutes of Health

PubMed
PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed COMMONS
Featured comment - Aug 25
@IvanOransky notes retraction for #clinicaltrial using GcMAF against breast cancer.
[1.usa.gov/1zo5mns](https://www.1.usa.gov/1zo5mns)

Using PubMed
[PubMed Quick Start Guide](#)
[Full Text Articles](#)
[PubMed FAQs](#)
[PubMed Tutorials](#)
[New and Noteworthy](#)

PubMed Tools
[PubMed Mobile](#)
[Single Citation Matcher](#)
[Batch Citation Matcher](#)
[Clinical Queries](#)
[Topic-Specific Queries](#)

More Resources
[MeSH Database](#)
[Journals in NCBI Databases](#)
[Clinical Trials](#)
[E-Utilities \(API\)](#)
[LinkOut](#)

My NCBI

[Customize this page](#) | [NCBI Site Preferences](#) | [Video Overview](#) | [Help](#)

Search NCBI databases

Search: PubMed

Search

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

Saved Searches

You don't have any saved searches yet.

Go and [create some saved searches](#) in PubMed or our other databases.

[Manage Saved Searches »](#)

My Bibliography

Your bibliography contains **no items**.

Use the "Send to > My Bibliography" menu in PubMed to add citations,
OR
[Click here](#) to manually create citations.

[Manage My Bibliography »](#)

Collections

Collection Name	Items	Settings/Sharing	Type
Favorites	edit 0	Private	Standard
My Bibliography	edit 0	Private	Standard
Other Citations	edit 0	Private	Standard

[Manage Collections »](#)

Recent Activity

Time	Database	Type	Term
6:44 PM	PubMed	search	"Public Health"[Mesh]

[Clear](#) [Turn Off](#)

[See All Recent Activity »](#)

Filters

Filters for: PubMed

You do not have any active filters for this database.

[Add filters for the selected database.](#)

[Manage Filters »](#)

SciENcv

Click [Manage Filters](#)

Select database

NCBI Resources How To [tuhsc](#) [My NCBI](#) [Sign Out](#)

My NCBI » Filters [Filters help](#)

You are managing filters for: PubMed Choose another database: PubMed

Your PubMed filter list [Create custom filter](#)

You do not have any active filters for this database. Create a new custom filter using the button above, or select filters from Browse/Search Panel to the right.

Browse/Search for PubMed Filters

Select category:
 Popular LinkOut Properties Links

Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Clinical Trial	
<input type="checkbox"/>	English	
<input type="checkbox"/>	English & Humans	
<input type="checkbox"/>	Free Full Text	links to Web accessible full text articles (all available free of charge)
<input type="checkbox"/>	Full Text	links to Web accessible full text articles (some may require subscription)
<input type="checkbox"/>	Humans	
<input type="checkbox"/>	Items with Abstracts	
<input type="checkbox"/>	Published in the last 5 years	
<input type="checkbox"/>	Review	articles that review the literature on a subject

Select filters

You are managing filters for: PubMed Choose another database: PubMed(1 active)

Your PubMed filter list

Create custom filter

"English & Humans" filter activated.

Active	Name	Type
<input checked="" type="checkbox"/>	English & Humans	Standard filter

Browse/Search for PubMed Filters

Select category:

- Popular
 LinkOut
 Properties
 Links

Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Clinical Trial	
<input type="checkbox"/>	English	
<input checked="" type="checkbox"/>	English & Humans	
<input type="checkbox"/>	Free Full Text	links to Web accessible full text articles (all available free of charge)
<input type="checkbox"/>	Full Text	links to Web accessible full text articles (some may require subscription)
<input type="checkbox"/>	Humans	
<input type="checkbox"/>	Items with Abstracts	
<input type="checkbox"/>	Published in the last 5 years	
<input type="checkbox"/>	Review	articles that review the literature on a subject

Filter activated

Click Properties

NCBI Resources How To ttuhsc My NCBI Sign Out

My NCBI » Filters [Filters help](#)

You are managing filters for: PubMed Choose another database: PubMed (1 active)

Your PubMed filter list [Create custom filter](#)

Active	Name	Type
<input checked="" type="checkbox"/>	English & Humans	Standard filter

Browse/Search for PubMed Filters

Select category:

Popular LinkOut Properties Links

Search with terms (optional): [Search](#)

Active	Name	Description
<input checked="" type="checkbox"/>	Age Groups	
<input checked="" type="checkbox"/>	Clinical Queries	
<input checked="" type="checkbox"/>	Entrez (Entered) Date	
<input checked="" type="checkbox"/>	Health Services Research Queries	
<input checked="" type="checkbox"/>	Humans or Animals	
<input checked="" type="checkbox"/>	Languages	
<input checked="" type="checkbox"/>	Other	
<input checked="" type="checkbox"/>	Publication Date	
<input checked="" type="checkbox"/>	Publication Types	
<input checked="" type="checkbox"/>	Sex	
<input checked="" type="checkbox"/>	Subsets	
<input type="checkbox"/>	miscellaneous	

Selections

You are managing filters for: PubMed Choose another database: PubMed (1 active)

Your PubMed filter list

Create custom filter

Active	Name	Type
<input checked="" type="checkbox"/>	English & Humans	Standard filter

Browse/Search for PubMed Filters

Select category:

Popular LinkOut Properties Links

Search with terms (optional):

Search

Active	Name	Description
<input checked="" type="checkbox"/>	Age Groups	
<input checked="" type="checkbox"/>	Clinical Queries	
<input checked="" type="checkbox"/>	Entrez (Entered) Date	
<input checked="" type="checkbox"/>	Health Services Research Queries	
<input checked="" type="checkbox"/>	Humans or Animals	
<input checked="" type="checkbox"/>	Languages	
<input checked="" type="checkbox"/>	Other	
<input checked="" type="checkbox"/>	Publication Date	
<input checked="" type="checkbox"/>	Publication Types	
<input checked="" type="checkbox"/>	Sex	
<input checked="" type="checkbox"/>	Subsets	
<input type="checkbox"/>	miscellaneous	

Click Publication Types



My NCBI » Filters

[Filters help](#)

You are managing filters for: PubMed Choose another database: PubMed (4 active)

Your PubMed filter list

Create custom filter

Active	Name	Type
<input checked="" type="checkbox"/>	English & Humans	Standard filter
<input checked="" type="checkbox"/>	Meta-analysis	Standard filter
<input checked="" type="checkbox"/>	Practice Guideline	Standard filter
<input checked="" type="checkbox"/>	Randomized Controlled Trial	Standard filter

Browse/Search for PubMed Filters

Select category:

- Popular
- LinkOut
- Properties
- Links

Search with terms (optional):

Select

- Meta-analysis
- Practice Guideline
- Randomized Controlled Trial

Active	Name	Description
<input checked="" type="checkbox"/>	Meta-analysis	Meta-analysis
<input type="checkbox"/>	News	News
<input type="checkbox"/>	Newspaper Article	Newspaper Article
<input type="checkbox"/>	Observational Study	Observational Study
<input type="checkbox"/>	Overall	Overall
<input type="checkbox"/>	Patient Education Handout	Patient Education Handout
<input type="checkbox"/>	Periodical Index	Periodical Index
<input type="checkbox"/>	Personal Narratives	Personal Narratives
<input type="checkbox"/>	Portraits	Portraits
<input checked="" type="checkbox"/>	Practice Guideline	Practice Guideline
<input type="checkbox"/>	Published Erratum	Published Erratum
<input checked="" type="checkbox"/>	Randomized Controlled Trial	Randomized Controlled Trial

My NCBI » Filters

[Filters help](#)

You are managing filters for: PubMed

Choose another database: PubMed (4 active)

Your PubMed filter list

Create custom filter

Active	Name	Type
<input checked="" type="checkbox"/>	English & Humans	Standard filter
<input checked="" type="checkbox"/>	Meta-analysis	Standard filter
<input checked="" type="checkbox"/>	Practice Guideline	Standard filter
<input checked="" type="checkbox"/>	Randomized Controlled Trial	Standard filter

Browse/Search for PubMed Filters

Select category:

- Popular
 LinkOut
 Properties
 Links

Search with terms (optional):

Active	Name	Description
<input type="checkbox"/>	Nursing Journals	Citations to articles in nursing journals.
<input type="checkbox"/>	OLDMEDLINE	Citations having publication dates pre1966 with a status of OLDMEDLINE.
<input type="checkbox"/>	Research Reporting Guidelines	
<input type="checkbox"/>	Space Life Sciences	Strategy developed by NLM and the NASA SPACELINE Office and is intended to retrieve citations of interest to those working in the field of space life sciences research.
<input type="checkbox"/>	Systematic Reviews	Strategy intended to retrieve citations for systematic reviews, meta-analyses, reviews of clinical trials, guidelines, and similar articles.

Scroll to
 [Subsets](#)
 and select
 Systematic Reviews

Systematic Reviews

My NCBI » Filters [Filters help](#)

You are managing filters for: PubMed Choose another database: PubMed (10 active)

Your PubMed filter list [Create custom filter](#)

Active	Name	Type	
<input checked="" type="checkbox"/>	Public Health Mesh	Custom	delete
<input checked="" type="checkbox"/>	All Adult	Standard filter	
<input checked="" type="checkbox"/>	All Child	Standard filter	
<input checked="" type="checkbox"/>	All Infant	Standard filter	
<input checked="" type="checkbox"/>	English & Humans	Standard filter	
<input checked="" type="checkbox"/>	Meta-analysis	Standard filter	
<input checked="" type="checkbox"/>	Nursing Journals	Standard filter	
<input checked="" type="checkbox"/>	Practice Guideline	Standard filter	
<input checked="" type="checkbox"/>	Randomized Controlled Trial	Standard filter	
<input checked="" type="checkbox"/>	Systematic Reviews	Standard filter	

Browse/Search for PubMed Filters

Select category:

Popular LinkOut Properties Links

Search with terms (optional):



You are here: NCBI > My NCBI - Filters

[Write to the Help Desk](#)

GETTING STARTED

- [NCBI Education](#)
- [NCBI Help Manual](#)
- [NCBI Handbook](#)
- [Training & Tutorials](#)

RESOURCES

- [Chemicals & Bioassays](#)
- [Data & Software](#)
- [DNA & RNA](#)
- [Domains & Structures](#)
- [Genes & Expression](#)
- [Genetics & Medicine](#)
- [Genomes & Maps](#)
- [Homology](#)
- [Literature](#)
- [Proteins](#)
- [Sequence Analysis](#)
- [Taxonomy](#)
- [Training & Tutorials](#)
- [Variation](#)

PubMed

- [PubMed Central](#)
- [PubMed Health](#)
- [BLAST](#)
- [Nucleotide](#)
- [Genome](#)
- [SNP](#)
- [Gene](#)
- [Protein](#)
- [PubChem](#)

FEATURED

- [Genetic Testing Registry](#)
- [PubMed Health](#)
- [GenBank](#)
- [Reference Sequences](#)
- [Gene Expression Omnibus](#)
- [Map Viewer](#)
- [Human Genome](#)
- [Mouse Genome](#)
- [Influenza Virus](#)
- [Primer-BLAST](#)
- [Sequence Read Archive](#)

NCBI INFORMATION

- [About NCBI](#)
- [Research at NCBI](#)
- [NCBI News](#)
- [NCBI FTP Site](#)
- [NCBI on Facebook](#)
- [NCBI on Twitter](#)
- [NCBI on YouTube](#)

Create a Search Strategy Plan

Identify the question and key concepts:

prevention and control of
hypertension with life style changes

Write the search program using
medical subject headings (MeSH)

Using MeSH Database

MeSH Database

is a “controlled vocabulary list” of more than 25,000 subject headings.

Terms in the database are called

*M*edical *S*ubject *H*eadings or *MeSH*.

The 10-15 *MeSH* assigned to each article in *PubMed* is like a keyword abstract of the article.

NCBI Resources How To Sign in to NCBI

PubMed.gov PubMed Search Help

US National Library of Medicine National Institutes of Health

PubMed
PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

PubMed COMMONS
Featured comment - Aug 15
Model mismatch: A. Capes-Davis notes use of a cross-contaminated cell line in laryngeal carcinoma study. 1.usa.gov/1nNc3cw

Using PubMed	PubMed Tools	More Resources
PubMed Quick Start Guide	PubMed Mobile	MeSH Database
Full Text Articles	Single Citation Matcher	Journals in NCBI Databases
PubMed FAQs	Batch Citation Matcher	Clinical Trials
PubMed Tutorials	Clinical Queries	E-Utilities (API)
New and Noteworthy	Topic-Specific Queries	LinkOut

You are here: MeSH Database Help Desk

GETTING STARTED
NCBI Education
NCBI Help
NCBI Handbook
Training & Tutorials

Click MeSH Database

Sequence Analysis PubChem Sequence Read Archive
Taxonomy
Training & Tutorials
Variation

Copyright | Disclaimer | Privacy | Browsers | Accessibility | Contact
National Center for Biotechnology Information, U.S. National Library of Medicine
8600 Rockville Pike, Bethesda MD, 20894 USA

NATIONAL LIBRARY OF MEDICINE
USA.gov

Frequently Used Mesh Categories

A Anatomy

- A1 Body Regions
- A2 Musculoskeletal System
- A3 Digestive System
- A4 Respiratory System
- A5 Urogenital System
- A6 Endocrine System
- A7 Cardiovascular System
- A8 Nervous System
- A9 Sense Organs
- A10 Tissues
- A11 Cells
- A12 Fluids and Secretions
- A13 Animal Structures
- A14 Stomatognathic System
- A15 Hemic and Immune Systems
- A16 Embryonic Structures
- A17 Integumentary System
- A18 Plant Structures
- A19 Fungal Structures
- A20 Bacterial Structures
- A21 Viral Structures

B Organisms

- B1 Eukaryota
- B2 Archaea
- B3 Bacteria
- B4 Viruses
- B5 Organism Forms

C Diseases

- C1 Bacterial Infections & Mycoses
- C2 Virus Diseases
- C3 Parasitic Diseases
- C4 Neoplasms
- C5 Musculoskeletal Diseases
- C6 Digestive System Diseases
- C7 Stomatognathic Diseases
- C8 Respiratory Tract Diseases
- C9 Otorhinolaryngologic Diseases
- C10 Nervous System Diseases
- C11 Eye Diseases
- C12 Male Urogenital Diseases
- C13 Female Urogenital Diseases & Pregnancy Complications
- C14 Cardiovascular Diseases
- C15 Hemic & Lymphatic Diseases
- C16 Congenital, Hereditary, & Neonatal Diseases & Abnormalities
- C17 Skin & Connective Tissue Diseases
- C18 Nutritional & Metabolic Diseases
- C19 Endocrine System Diseases
- C20 Immune System Diseases
- C21 Disorders of Environmental Origin
- C22 Animal Diseases
- C23 Pathologic Conditions, Signs, and Symptoms
- C24 Occupational Diseases
- C25 Substance-Related Disorders
- C26 Wounds and Injuries

D Chemicals & Drugs

- D1 Inorganic Chemicals
- D2 Organic Chemicals
- D3 Heterocyclic Compounds
- D4 Polycyclic Compounds
- D5 Macromolecular Substances
- D6 Hormones, Hormone Substitutes, & Hormone Antagonists
- D8 Enzymes, & Coenzymes
- D9 Carbohydrates
- D10 Lipids
- D12 Amino Acids, Peptides, & Proteins
- D13 Nucleic Acids, Nucleotides, & Nucleosides
- D20 Complex Mixtures
- D23 Biologic Factors
- D25 Biomedical and Dental Materials
- D26 Pharmaceutical Preparations
- D27 Chemical Actions and Uses

Other Categories Include:

Analytical, Diagnostic, & Therapeutic Techniques & Equipment

Psychiatry and Psychology

Biological Sciences

Natural Sciences

Anthropology, Education, Sociology & Social Phenomena

Technology, Industry, Agriculture

Information Science

Named Groups

Health Care

Publication Characteristics

Geographic Locations



MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

Using MeSH

Help

More Resources

Utilities

Enter

hypertension

and click

Search

(Note: If there is a Boolean OR relationship, start with the "OR" statement first.)

MeSH MeSH hypertension Save search Limits Advanced Search Help

Display Settings: Summary, 20 per page Send to:

Results: 1 to 20 of 49 << First < Prev Page 1 of 3 Next > Last >>

[Hypertension](#)
1. Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), **hypertension** is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

[Masked Hypertension](#)
2. Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings.
Year introduced: 2012

[White Coat Hypertension](#)
3. Phenomenon where BLOOD PRESSURE readings taken in clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings.
Year introduced: 2012

[Intra-Abdominal Hypertension](#)
4. Pathological elevation of intra-abdominal pressure. Associated with PANCREATITIS; capillary leak; and end-organ dysfunction.
Year introduced: 2012

PubMed Search Builder

Empty search builder box

Add to search builder AND

Search PubMed

YouTube Tutorial

Find related data

Database: Select

Find items

Details

Hypertension [MeSH Terms]
Hypertension [Text Word]

Term Definitions

MeSH MeSH hypertension Search Save search Limits Advanced Help

Display Settings: Summary, 20 per page Send to:

Results: 1 to 20 of 49 << First < Prev Page 1 of 3 Next > Last >>

Hypertension

systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), **hypertension** is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

- Masked Hypertension
- 2. Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings. Year introduced: 2012
- White Coat Hypertension
- 3. Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. Year introduced: 2012
- White Coat Hypertension
- 4. Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. Year introduced: 2012

PubMed Search Builder

Empty search builder box

Add to search builder AND Search PubMed

YouTube Tutorial

Find related data

Database: Select Find items

Click the underlined term

MeSH Help
[Limits](#) [Advanced](#)

[Display Settings:](#) Full [Send to:](#)

Hypertension
Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

PubMed search builder options
[Subheadings:](#)

- | | | |
|--|--|--|
| <input type="checkbox"/> adverse effects | <input type="checkbox"/> enzymology | <input checked="" type="checkbox"/> prevention and control |
| <input type="checkbox"/> analysis | <input type="checkbox"/> epidemiology | <input type="checkbox"/> radiography |
| <input type="checkbox"/> anatomy and histology | <input type="checkbox"/> ethnology | <input type="checkbox"/> radionuclide imaging |
| <input type="checkbox"/> blood | <input type="checkbox"/> etiology | <input type="checkbox"/> radiotherapy |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> genetics | <input type="checkbox"/> rehabilitation |
| <input type="checkbox"/> chemically induced | <input type="checkbox"/> history | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> chemistry | <input type="checkbox"/> immunology | <input type="checkbox"/> surgery |
| <input type="checkbox"/> classification | <input type="checkbox"/> legislation and jurisprudence | <input type="checkbox"/> therapeutic use |
| <input type="checkbox"/> complications | <input type="checkbox"/> metabolism | <input type="checkbox"/> therapy |
| <input type="checkbox"/> congenital | <input type="checkbox"/> microbiology | <input type="checkbox"/> transmission |
| <input type="checkbox"/> cytology | <input type="checkbox"/> mortality | <input type="checkbox"/> ultrasonography |
| <input type="checkbox"/> diagnosis | <input type="checkbox"/> nursing | |
| <input type="checkbox"/> diet therapy | <input type="checkbox"/> organization and | |
| <input type="checkbox"/> drug therapy | | |
| <input type="checkbox"/> drug use | | |
| <input type="checkbox"/> etiology | | |
| <input type="checkbox"/> etiology | | |

PubMed Search Builder

[YouTube Tutorial](#)

- Related information**
- [PubMed](#)
 - [PubMed - Major Topic](#)
 - [Clinical Queries](#)
 - [NLM MeSH Browser](#)
 - [dbGaP Links](#)
 - [MedGen](#)

Sub-headings narrow the "meaning" of a **MeSH** term. They are a "subset" of all the articles under the **MeSH** term: *Hypertension*.

Restrict Do not filter

MeSH

MeSH

57183)

83 SUBHEADINGS:

abnormalities
administrations & dosage
adverse effects
agonists
analogs & derivatives
analysis
anatomy & histology
antagonists & inhibitors
biosynthesis
blood
blood supply
cerebrospinal fluid
chemical synthesis
chemically induced
chemistry
classification
complications
congenital
contraindications
cytology
deficiency
diagnosis
diagnostic use
diet therapy
drug effects
drug therapy
economics
education

embryology
enzymology
epidemiology
ethics
ethnology
etiology
genetics
growth & development
history
immunology
injuries
innervation
instrumentation
isolation & purification
legislation & jurisprudence
manpower
metabolism
methods
microbiology
mortality
nursing
organization & administration
parasitology
pathogenicity
pathology
pharmacokinetics
pharmacology
physiology
physiopathology

poisoning

prevention & control

psychology
radiation effects
radiography
radionuclide imaging
radiotherapy
rehabilitation
secondary
secretion
standards
statistics & numerical data
supply & distribution
surgery
therapeutic use
therapy
toxicity
transmission
transplantation
trends
ultrasonography
ultrastructure
urine
utilization
veterinary
virology

MeSH

MeSH

Limits Advanced

Display Settings: Full

Hypertension

Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

1) Check the box next to the subheading

- complications
 - congenital
 - cytology
 - diagnosis
 - diet therapy
 - drug effects
 - drug therapy
 - economics
 - embryology
 - metabolism
 - microbiology
 - mortality
 - nursing
 - organization and administration
 - parasitology
 - pathology
 - pharmacology
 - physiology
- Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

- pathophysiology
- prevention and control
- psychology
- radiography
- radionuclide imaging
- radiotherapy
- rehabilitation
- statistics and numerical data
- surgery
- therapeutic use
- therapy
- transmission
- ultrasonography
- urine

2) Select AND

AND

Send to:

PubMed Search Builder

[Empty search builder input field]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

- PubMed
- PubMed - Major topic
- Clinical Queries
- NLM MeSH Browser
- dbGaP Links
- MedGen

Recent Activity

3) Then click Add to search builder

Add to search builder

NCBI Resources How To ttuhsc My NCBI Sign Out

MeSH MeSH Search Limits Advanced Help

Display Settings: Full Send to:

Hypertension

Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

PubMed search builder options
Subheadings:

<input type="checkbox"/> adverse effects	<input type="checkbox"/> enzymology	<input type="checkbox"/> pathophysiology
<input type="checkbox"/> analysis	<input type="checkbox"/> epidemiology	<input checked="" type="checkbox"/> prevention and control
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> ethnology	<input type="checkbox"/> psychology
<input type="checkbox"/> blood	<input type="checkbox"/> etiology	<input type="checkbox"/> radiography
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> genetics	<input type="checkbox"/> radionuclide imaging
<input type="checkbox"/> chemically induced	<input type="checkbox"/> history	<input type="checkbox"/> radiotherapy
<input type="checkbox"/> chemistry	<input type="checkbox"/> immunology	<input type="checkbox"/> rehabilitation
<input type="checkbox"/> classification	<input type="checkbox"/> legislation and jurisprudence	<input type="checkbox"/> statistics and numerical
<input type="checkbox"/> complications	<input type="checkbox"/> metabolism	<input type="checkbox"/> surgery
<input type="checkbox"/> congenital		
<input type="checkbox"/> cytology		
<input type="checkbox"/> diagnosis		
<input type="checkbox"/> diet therapy		
<input type="checkbox"/> drug effects		
<input type="checkbox"/> drug therapy		
<input type="checkbox"/> economics		
<input type="checkbox"/> embryology		

Restrict to MeSH Major Topic.
 Do not include MeSH terms four

PubMed Search Builder
"Hypertension/prevention and control" [Mesh]
Add to search builder AND Search PubMed
YouTube Tutorial

Related information
PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser

activity
Turn Off Clear
tension
MeSH
tension (49)
MeSH

The first MeSH term is in the search program "box"

Display Settings: Full Send to:

Hypertension

Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more.

PubMed search builder options

Subheadings:

<input type="checkbox"/> adverse effects	<input type="checkbox"/> enzymology	<input type="checkbox"/> physiopathology
<input type="checkbox"/> analysis	<input type="checkbox"/> epidemiology	<input checked="" type="checkbox"/> prevention and control
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> ethnology	<input type="checkbox"/> psychology
<input type="checkbox"/> blood	<input type="checkbox"/> etiology	<input type="checkbox"/> radiography

PubMed Search Builder

"Hypertension/prevention and control" [Mesh]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related Information

PubMed

Enter

life style

and click

Search

(Note: If there is a Boolean OR relationship, start with the "OR" statement first.)

Display Settings: Full

Send to:

Life Style

Typical way of life or manner of living characteristic of an individual or group. (From APA, Thesaurus of Psychological Index Terms, 8th ed)

MeSH terms arranged in tree structure hierarchy

- Life Styles
- Lifestyle
- Lifestyles
- Life Style Induced Illness

Previous Indexing:

- [Personality Development \(1968-1969\)](#)

See Also:

- [Quality of Life](#)
- [Health Behavior](#)

[All MeSH Categories](#)

[Psychiatry and Psychology Category](#)

[Behavior and Behavior Mechanisms](#)

[Psychology, Social](#)

Life Style

[Life Change Events](#)

[Sedentary Lifestyle](#)

Terms are listed from broadest to narrowest.

If *Life Style* yields zero results, try using a broader term: *Psychology, Social*.

PubMed Search Builder

"Hypertension/prevention and control" [Mesh]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

[dbGaP Links](#)

[MedGen](#)

MeSH Search

... unless you select the following command

Display Settings:

Life Style

Typical way of life or manner of living characteristic of an individual or group. (From APA, Thesaurus of Psychological Index Terms, 8th ed) Year introduced: 1970 (1970)

PubMed search builder options

Subheadings

- epidemiology
- ethnology
- history
- physiology
- statistics and numerical data

Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): F01.829.458

Entry Terms:

- Life Styles
- Lifestyle
- Lifestyles
- Life Style Induced Illness

Previous Indexing:

- [Personality Development \(1968-1969\)](#)

See Also:

- [Quality of Life](#)
- [Health Behavior](#)

All MeSH Categories

[Psychiatry and Psychology Category](#)

[Behavior and Behavior Mechanisms](#)

[Psychology: Social](#)

Life Style

[Life Change Events](#)

[Sedentary Lifestyle](#)

Send to:

PubMed Search Builder

"Hypertension/prevention and control" [Mesh]

Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

dbGaP Links

MedGen

Recent Activity

Turn Off Clear

Life Style MeSH

Life Style (1) MeSH

Hypertension MeSH

Hypertension (49) MeSH

Cardiovascular Health"[Mesh] (5557183) PubMed

See more...

Note: PubMed automatically OR's indented terms under a broader term...

Display Settings: Full

Send to:

Life Style

Typical way of life or manner of living characteristic of an individual or group. (From APA, Thesaurus of Psychological Index Terms, 8th ed)
Year introduced: 1972(1970)

PubMed search builder options

Subheadings:

- epidemiology
- ethnology
- history
- physiology
- statistics and numerical data
- Restrict to MeSH Major Topic.
- Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): F01.829.458

Entry Terms:

- Life Styles
- Lifestyle
- Lifestyles
- Life Style Induced Illness

Previous Indexing:

- [Personality Development \(1968-1969\)](#)

See Also:

- [Quality of Life](#)
- [Health Behavior](#)

[All MeSH Categories](#)

[Psychiatry and Psychology Category](#)

[Behavior and Behavior Mechanisms](#)

[Psychology, Social](#)

Life Style

[Life Change Events](#)

[Sedentary Lifestyle](#)

PubMed Search Builder

"Hypertension/prevention and control" [Mesh]

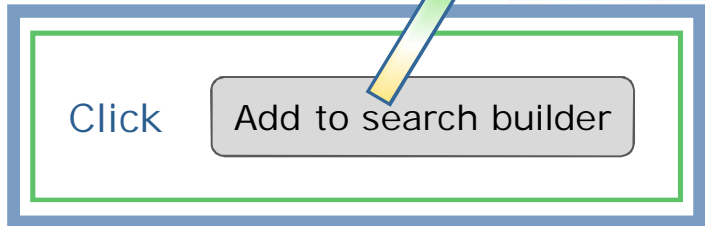
Add to search builder AND

Search PubMed

YouTube Tutorial

Related information

PubMed



- Life Style MeSH
 - life style (1) MeSH
 - Hypertension MeSH
 - hypertension (49) MeSH
 - "Public Health"[Mesh] (5557183) PubMed
- See more...

MeSH [Save search](#) [Limits](#) [Advanced](#) [Help](#)

Life Style
Typical way of life or manner of living characteristic of an individual or group. (From APA, Thesaurus of Psychological Index Terms, 8th ed)
Year introduced: 1972(1970)

PubMed search builder options
[Subheadings:](#)

epidemiology history statistics and numerical data
 ethnology physiology

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

PubMed Search Builder

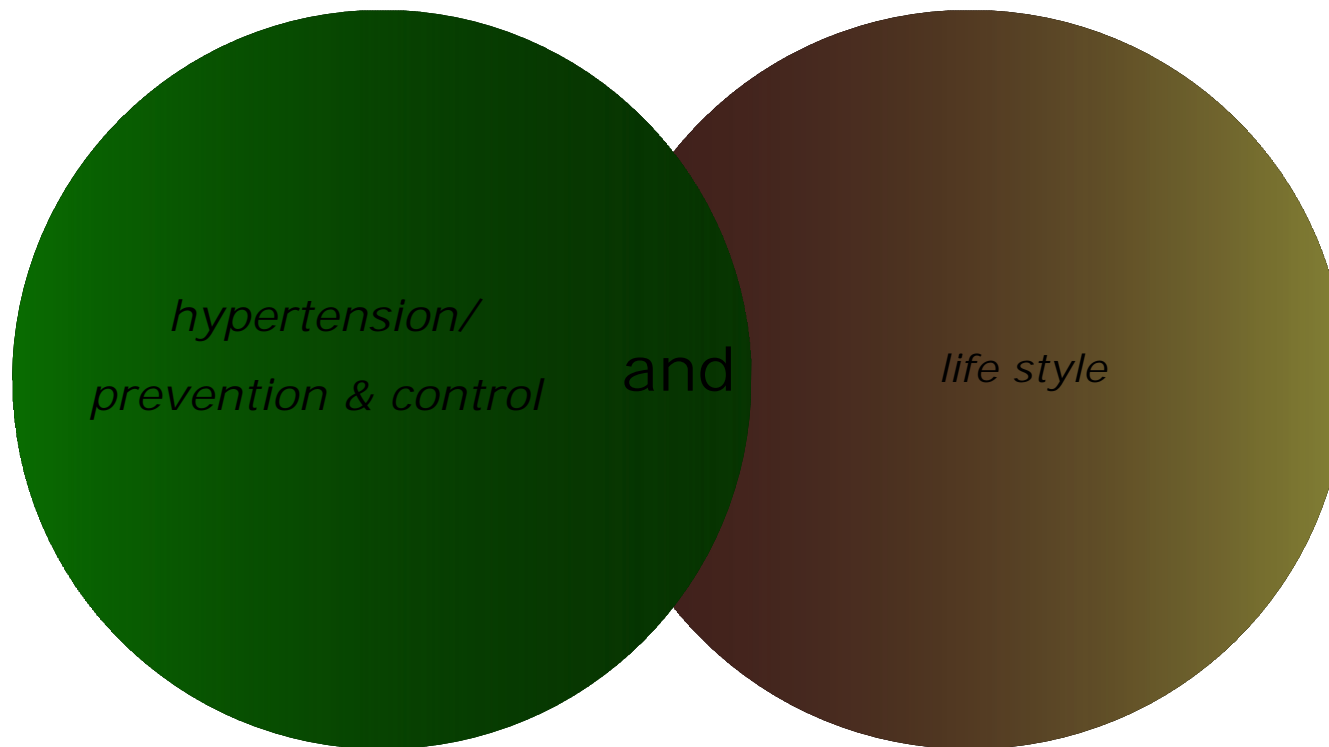
```
("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]
```

[YouTube Tutorial](#)

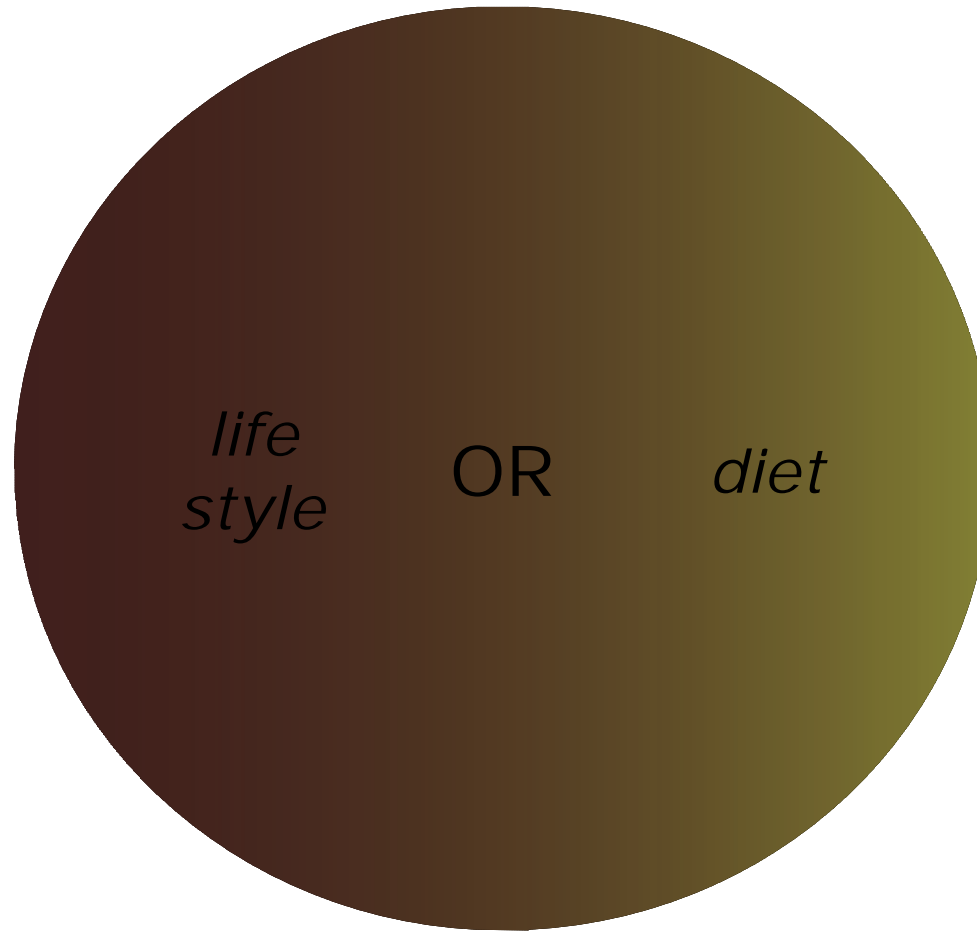
Related information
PubMed

The second **MeSH** term is in the search program "box"

Boolean Logic - AND



Boolean Logic - OR



MeSH [Save search](#) [Limits](#) [Advanced](#) [Help](#)

Display Settings: Full **Send to:**

Life Style
Typical way of life or manner of living characteristic of an individual or group. (From APA, Thesaurus of Psychological Index Terms, 8th ed)
Year introduced: 1972(1970)

PubMed search builder options
[Subheadings:](#)

epidemiology history statistics and numerical data
 ethnology physiology

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

PubMed Search Builder

```
("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]
```

[YouTube Tutorial](#)

Related Information
PubMed

The search program is complete.

Click

Search Results

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search Help

US National Library of Medicine National Institutes of Health

Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filter your results:

Results: 1 to 20 of 677 << First < Prev Page 1 of 34 Next > Last >>

1. Canadian Cardiovascular Society position statement on the management of thoracic aortic disease. Boodhwani M, Anderson DR, Leipsic J, Lindsay T, McMurtry MS, Therrien J, Siu SC; Canadian Cardiovascular Society. Can J Cardiol. 2014 Jun;30(6):589-99. doi: 10.1016/j.cjca.2014.02.018. Epub 2014 Feb 28. Review. PMID: 24882528 [PubMed - indexed for MEDLINE] Related citations

2. Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. Three steps may delay your need to take medicines. [No authors listed] Harv Heart Lett. 2014 Mar;24(7):5. No abstract available. PMID: 24868608 [PubMed - indexed for MEDLINE] Related citations

3. [The 41st Scientific Meeting: perspectives in internal medicine: lessons from the disaster of the Great East Japan earthquake: 3. Medical case learned from the Great East Japan earthquake - features, treatment and prognosis - 4] Shiga Y, et al. Jpn Circ Soc Jpn Circ Soc. 2014 Jun;44(6):1000-1001. PMID: 24868608 [PubMed - indexed for MEDLINE] Related citations

4. The 41st Scientific Meeting: perspectives in internal medicine: lessons from the disaster of the Great East Japan earthquake: 3. Medical case learned from the Great East Japan earthquake - features, treatment and prognosis - 4] Shiga Y, et al. Jpn Circ Soc Jpn Circ Soc. 2014 Jun;44(6):1000-1001. PMID: 24868608 [PubMed - indexed for MEDLINE] Free Article Related citations

Filter your results: All (677) All Adult (298) All Child (83) All Infant (5) English & Humans (564) Meta-analysis (4) Nursing Journals (98) Practice Guideline (20) Randomized Controlled Trial (40) Systematic Reviews (49) Public Health Mesh (503) Manage Filters

New feature Try the new Display Settings option - Sort by Relevance

PubMed

ent status of Health. 2013]

d nuts, but utrients. 2013]

agnosis and Pediatr. 2013]

See all (60)...

Join PubMed Commons to make & rate comments



PubMed identifies 677 articles

NCBI Resources How To tuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search

RSS Save search Advanced Help

Show additional filters

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
Full text

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Clear all
Show additional filters

Display Settings: Summary, Sorted by Recently Added Send to:

Results: 4

- Effect of childhood obesity prevention on blood pressure: a systematic review and meta-analysis.
Cai L, Wu Y, Wilson RF, Segal JB, Kim MT, Wang Y.
Circulation. 2014 May 6;129(18):1832-9. doi: 10.1161/CIRCULATIONAHA.113.005666. Epub 2014 Apr 23.
Review.
PMID: 24552832 [PubMed - indexed for MEDLINE]
[Related citations](#)
- Controlled aerobic exercise training reduces resting blood pressure in sedentary older adults.
Huang G, Shi X, Gibson CA, Huang SC, Coudret NA, Ehlman MC.
Blood Press. 2013 Dec;22(6):386-94. doi: 10.3109/08037051.2013.778003. Epub 2013 Apr 3.
PMID: 23550511 [PubMed - indexed for MEDLINE]
[Related citations](#)
- Lifestyle interventions to reduce raised blood pressure: a systematic review of randomized controlled trials.
Dickinson HO, Mason JM, Nicolson DJ, Campbell F, Beyer FR, Cook JV, Williams B, Ford GA.
J Hypertens. 2006 Feb;24(2):215-33. Review.
PMID: 16508562 [PubMed - indexed for MEDLINE]
[Related citations](#)

Filter your results:

- All (677)
- All Adult (298)
- All Child (83)
- All Infant (5)
- English & Humans (564)
- Meta-analysis (4)
- Nursing Journals (98)
- Practice Guideline (20)
- Randomized Controlled Trial (40)
- Systematic Reviews (49)
- Public Health Mesh (503)

Manage Filters

New feature
Try the new Display Settings option - Sort by Relevance

Find related data
Database: Select
Find items

Search details

NOTE: Custom Filters set up in you're my NCBI account.

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed "Life Style"[Mesh] Search Help

Send to: Filter your results:

All (677)

All Adult (298)

All Child (83)

All Infant (5)

English & Humans (564)

Meta-analysis (4)

Nursing Journals (98)

Practice Guideline (20)

Randomized Controlled Trial (40)

Systematic Reviews (49)

Public Health Mesh (503)

Manage Filters

New feature

Try the new Display Settings option - Sort by Relevance

60 free full-text articles in PubMed Central

Noncommunicable diseases: current status of major modifiable risk factors [J Prev Med Public Health. 2013]

A diet pattern with more dairy and nuts, but less meat is related to lower risk of cardiovascular disease [Nutrients. 2013]

Review Focus on prevention, diagnosis and treatment of hypertension in Italy [Ital J Pediatr. 2013]

See all (60)...

Got a paper in PubMed?

Join PubMed Commons to make & rate comments

Filters include:

- Article types
- Text availability
- Publication date
- Species such as: (human or animal)
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

1. 2. 3. 4.

Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylpchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program. Can J Cardiol. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review. PMID: 24786438 [PubMed - indexed for MEDLINE] Free Article Related citations

Show additional filters

Article types

- Clinical Trial
- Review
- Systematic Reviews
- More ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

5 years

Custom range...

Species

- Humans
- Other Animals

Clear all

Show additional filters

Limit to articles that were written in the past 5 years by clicking the selection on the left.



- Boonwatt M, Anand S, Leipsic J, Lindsay J, McMurry MS, Therrien J, Siu SC; Canadian Cardiovascular Society. *Can J Cardiol*. 2014 Jun;30(6):577-89. doi: 10.1016/j.cjca.2014.02.018. Epub 2014 Feb 28. Review. PMID: 24868608 [PubMed - indexed for MEDLINE] [Related citations](#)
- [Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. These steps may delay your need to take medicines.](#)
[No authors listed]
Harv Heart Lett. 2014 Mar;24(7):5. No abstract available.
PMID: 24868608 [PubMed - indexed for MEDLINE] [Related citations](#)
- [\[The 41st Scientific Meeting: perspectives of internal medicine: lessons from the disaster of the Great East Japan earthquake: 3. Medical disease learned from the Great East Japan earthquake--feature, treatment and prevention--; 4\) Status of medical care on dialysis patients and patients with chronic life-style related diseases after Great East-Japan earthquake: lesson from our experiences in Fukushima and future perspectives\].](#)
Watanabe T.
Nihon Naika Gakkai Zasshi. 2014 Mar 10;103(3):561-71. Japanese. No abstract available.
PMID: 24796117 [PubMed - indexed for MEDLINE] [Related citations](#)
- [The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension.](#)
Dasgupta K, Quinn RR, Zarnke KB, Rabi DM, Ravani P, Daskalopoulou SS, Rabkin SW, Trudeau L, Feldman RD, Cloutier L, Prebtani A, Herman RJ, Bacon SL, Gilbert RE, Ruzicka M, McKay DW, Campbell TS, Grover S, Honos G, Schiffrin EL, Bolli P, Wilson TW, Lindsay P, Hill MD, Coutts SB, Gubitz G, Gelfer M, Vallée M, Prasad GV, Lebel M, McLean D, Arnold JM, Moe GW, Howlett JG, Boulanger JM, Laroche P, Leiter LA, Jones C, Ogilvie RI, Woo V, Kaczorowski J, Burns KD, Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylypchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program. *Can J Cardiol*. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review. PMID: 24786438 [PubMed - indexed for MEDLINE] [Free Article](#) [Related citations](#)

Search

Help

Items:

- [English & Humans \(564\)](#)
- [Meta-analysis \(4\)](#)
- [Nursing Journals \(98\)](#)
- [Practice Guideline \(20\)](#)
- [Randomized Controlled Trial \(40\)](#)
- [Systematic Reviews \(49\)](#)
- [Public Health Mesh \(503\)](#)

Manage Filters

New feature

Try the new Display Settings option - Sort by Relevance

60 free full-text articles in PubMed Central

Noncommunicable diseases: current status of major modifiable risk factors [J Prev Med Public Health. 2013]

A diet pattern with more dairy and nuts, but less meat is related to lower risk of cardiovascular disease [Nutrients. 2013]

Review Focus on prevention, diagnosis and treatment of hypertension in children [Ital J Pediatr. 2013]

See all (60)...

Got a paper in PubMed?



Join PubMed Commons to make & rate comments

NCBI Resources How To PubMed.gov US National Library of Medicine National Institutes of Health

Search: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 1 to 20 of 155

Filters activated: published in the last 5 years. Clear all to show 677 items.

Filter your results: All (155), All Adult (65), All Child (27), All Infant (1), English & Humans (144)

Publication dates: 5 years

Selection will turn blue: ✓ 5 years

Show additional filters

Click Show additional filters

1. Canadian Cardiovascular Society position statement on the management of thoracic aortic disease.

3. The 41st Scientific Meeting: perspectives of internal medicine: lessons from the disaster of the Great East Japan earthquake: 3. Medical disease learned from the Great East Japan earthquake--feature, treatment and prevention--; 4) Status of medical care on dialysis patients and patients with chronic life-style related diseases after Great East-Japan earthquake: lesson from our experiences in Fukushima and future perspectives.

Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylypchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program. Can J Cardiol. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review. PMID: 24786438 [PubMed - indexed for MEDLINE] Free Article

60 free full-text articles in PubMed Central

Noncommunicable diseases: current status of major modifiat [J Prev Med Public Health. 2013]

A diet pattern with more dairy and nuts, but less meat is related to lower risk of [Nutrients. 2013]

Review Focus on prevention, diagnosis and treatment of hypertension ir [Ital J Pediatr. 2013]

See all (60)...

Find related data

Database: Select

Find items

Search details

"Hypertension/prevention and control"[Mesh] AND "Life Style"[Mesh]

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Filter your results: All (155)

Results: 1 to 20 of 155

Filters activated: published in the last 5 years

Additional filters

- Article types
- Text availability
- PubMed Commons
- Publication dates
- Species
- Languages
- Sex
- Subjects
- Journal categories
- Ages
- Search fields

Show

Select Languages and click Show

1. Canadian Cardiovascular Society position statement on hypertension prevention and control. Boodhwani M, Andelfinger G, Leipsic J, et al. Canadian Cardiovascular Society. Can J Cardiol. 2014 Jun;30(6):577-89. doi: 10.1016/j.cjca.2014.02.002. PMID: 24882528 [PubMed - indexed for MEDLINE] [Related citations](#)

2. Hypertension Education Program recommendations for blood pressure diagnosis, assessment of risk, prevention, and treatment of hypertension. Campbell TS, Grover S, Honos G, Schiffrin EL, Boli P, Wilson TW, Lindsay P, Hill MD, Coultis SB, Gubitz G, Gelfer M, Vallée M, Prasad GV, Lebel M, McLean D, Arnold JM, Moe GW, Howlett JG, Boulanger JM, Laroche P, Leiter LA, Jones C, Ogilvie RI, Woo V, Kaczorowski J, Burns KD, Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylypchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program. Can J Cardiol. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review. PMID: 24786438 [PubMed - indexed for MEDLINE] [Free Article](#) [Related citations](#)

Search details

"Hypertension/prevention and control"[Mesh] AND "Life Style"[Mesh] AND ("2009/08/28"[PDat] : "2014/08/26"[PDat])

Search See more...

Recent Activity

Turn Off Clear

Q ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Me... (155) PubMed

Q ("Hypertension/prevention and control"

PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search

RSS Save search Advanced

Help

Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to:

Filter your results:

Clear all

Article types

- Clinical Trial
- Review
- Systematic Reviews
- More ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- 5 years
- 10 years
- Custom range...

Species

- Humans
- Other Animals

Languages

- English
- More ...

Clear all

Show additional filters

Results: 1 to 20 of 155

<< First < Prev Page 1 of 8 Next > Last >>

Filters activated: published in the last 5 years. Clear all to show 677 items.

1. Canadian Cardiovascular Society position statement on the management of thoracic aortic disease.

Boodhwani M, Andelfinger G, Leipsic J, Lindsay T, McMurtry MS, Therrien J, Siu SC; Canadian Cardiovascular Society.

Can J Cardiol. 2014 Mar 18;30(3):203-11. doi: 10.1016/j.cjca.2014.02.011. Epub 2014 Feb 27. PMID: 24882400

Related citations

2. Borderline hypertension during their pregnancy.

[No author information available]

Related citations

3. [The 41st Scientific Meeting: perspectives of internal medicine; lessons from the disaster of the Great East Japan earthquake: 3. Medical disease learned from the Great East Japan earthquake--feature, treatment and prevention--; 4) Status of medical care on dialysis patients and patients with chronic life-style related diseases after Great East-Japan earthquake: lesson from our experiences in Fukushima and future perspectives].

Watanabe T. Nihon Naika Gakkai Zasshi. 2014 Mar 10;103(3):561-71. Japanese. No abstract available.

PMID: 24796117 [PubMed - indexed for MEDLINE] Related citations

Click English

All (155)

All Adult (65)

All Child (27)

All Infant (1)

English & Humans (144)

Meta-analysis (2)

Nursing Journals (13)

Practice Guideline (5)

Randomized Controlled Trial (12)

Systematic Reviews (15)

Public Health Mesh (124)

Manage Filters

New feature

Try the new Display Settings option - Sort by Relevance

Find related data

Database: Select

Find items

NCBI Resources How To tuhsc My NCBI Sign Out

PubMed.gov PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search

US National Library of Medicine National Institutes of Health RSS Save search Advanced Help

Show additional filters **Display Settings:** Summary, 20 per page, Sorted by Recently Added **Send to:** **Filter your results:**

Clear all **Results: 1 to 20 of 144** All (144)

Article types All Adult (64)
Clinical Trial All Child (26)
Review All Infant (1)
Systematic Reviews English & Humans (144)
More ... Meta-analysis (2)

Text availability Nursing Journals (12)
Abstract Practice Guideline (5)
Free full text Randomized Controlled Trial (12)
Full text Systematic Reviews (15)

Publication dates Public Health Mesh (115)
5 years Manage Filters
10 years
Custom range...

Species New feature
Humans Try the new Display Settings option -
Other Animals Sort by Relevance

Languages free full-text articles in PubMed
English ntral
More ... ncommunicable diseases: current status of

Clear all for modifiat [J Prev Med Public Health. 2013]
Show additional filters diet pattern with more dairy and nuts, but less

clear 1. [Canadian Cardiovascular Society position statement on the management of thoracic aortic disease.](#) at is related to lower risk of [Nutrients. 2013]
Boodhwani M, Anderson G, Leipsic J, Lindsay T, McMurtry MS, Therrien J, Siu SC; Canadian Cardiovascular Society. Can J Cardiol. 2014 Jun;30(6):77-89. doi: 10.1016/j.cjca.2014.02.018. Epub 2014 Feb 28. Review. PMID: 24882528 [PubMed - indexed for MEDLINE] view Focus on prevention, diagnosis and
[Related citations](#) treatment of hypertension in [Ital J Pediatr. 2013]

clear 2. [Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. These symptoms may delay your need to take medicines.](#) See all (60)...
[No authors listed] Harv Heart Lett. 2014 Mar;24(7):5. Abstract available. PMID: 24868608 [PubMed - indexed for MEDLINE] Free Article
[Related citations](#)

clear 3. PMID: 24786438 [PubMed - indexed for MEDLINE]

Results are reduced
From 155 to 144

NCBI Resources How To tuhsc My NCBI Sign Out

PubMed.gov : [Help](#)

US National Library of Medicine National Institutes of Health

[Show additional filters](#) [Clear all](#)

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
Full text

PubMed Commons
Reader comments

Publications
5 years
10 years
Custom range

Species
Humans
Other Animals

Languages
English
More ...

[Clear all](#)
[Show additional filters](#)

Display Settings: Summary, 20 per page, Sorted by Recently Added **Send to:**

Results: 1 to 20 of 6057 << First < Prev Page 1 of 303 Next > Last >>

Filter your results:
All (6057)
[All Adult \(3467\)](#)
[All Child \(440\)](#)
[All Infant \(68\)](#)
[English & Humans \(6057\)](#)
[Meta-analysis \(173\)](#)
[Nursing Journals \(71\)](#)
[Practice Guideline \(21\)](#)
[Randomized Controlled Trial \(1051\)](#)
[Systematic Reviews \(404\)](#)
[Public Health Mesh \(3691\)](#)
[Manage Filters](#)

New feature
Try the new Display Settings option - **Sort by Relevance**

Results by year

[Download CSV](#)

Filters activated: published in the last 5 years Humans, English. [Clear all](#) to show 56270 items.

- [Blood pressure drugs associated with risk.](#)
1. [No authors listed]
Harv Health Lett. 2014 May;39(7):8. No abstract available.
PMID: 25073196 [PubMed - indexed for MEDLINE]
[Related citations](#)
- [A calcified left ventricular mass.](#)
2. Trensou S, de Ceuninck M.
Acta Cardiol. 2014 Jun;69(3):316-8.
- [Guidelines for managing high blood pressure--reply.](#)
4. Ortiz E, Oparil S, James PA.
JAMA. 2014 Jul 16;312(3):295-6. doi: 10.1001/jama.2014.6599. No abstract available.
PMID: 25027150 [PubMed - indexed for MEDLINE]
[Related citations](#)
- [Guidelines for managing high blood pressure.](#)
5. Cundiff DK, Gueyffier F, Wright JM.
JAMA. 2014 Jul 16;312(3):294. doi: 10.1001/jama.2014.6596. No abstract available.

Click Advanced

PubMed Advanced Search Builder

YouTube Tutorial

Filters activated: published in the last 5 years, Humans, English. [Clear all](#)

Use the builder below to create your search

Clear

Hover your mouse over the search number

Search input fields with "Show index list" buttons.

Download history Clear history

	Add to builder	Query	Items found	Time
#11	Add	Search "Hypertension/drug therapy"[Mesh]	56270	18:41:00
#1	AND in builder	nsion/drug therapy"[Mesh] Filters: published in the last 5 years; Humans; English	6057	18:41:00
#7	OR in builder	nsion/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published	144	18:39:13
	NOT in builder	s; Humans; English		
#4	Delete from history	nsion/prevention and control"[Mesh]) AND "Life Style"[Mesh]	677	18:39:13
#9	Show search results	nsion/prevention and control"[Mesh]) AND "Life Style"[Majr]	191	18:38:50
#8	Show search details	nsion/prevention and control"[Mesh]) AND "Life Style"[Majr] Filters: published in	45	18:38:50
	Save in My NCBI	Humans; English		
#6		nsion/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published	144	18:34:15
		in the last 5 years; English		
		on/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published	155	18:33:17

Click AND in builder

PubMed Advanced Search Builder

YouTube Tutorial

Filters activated: published in the last 5 years, Humans, English. [Clear all](#)

"Hypertension/drug therapy"[Mesh]

Clear

Hover your mouse over the second search set

rapy"[Mesh] [-](#) Show index list
"Life Style"[Mesh] [+](#) Show index list

Download history [Clear history](#)

Search	Add to builder	Query	Items found	Time
#1	Add	Search "Hypertension/drug therapy"[Mesh]	56270	18:41:00
#2	Add	Search "Hypertension/drug therapy"[Mesh] Filters: published in the last 5 years; Humans; English	6057	18:41:00
#7	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years; Humans; English	144	18:39:13
#5	OR in builder	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]	677	18:39:13
#9	NOT in builder	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr]	191	18:38:50
#8	Delete from history	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr] Filters: published in the last 5 years; Humans; English	45	18:38:50
#6	Show search results	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years; Humans; English	144	18:34:15
#6	Show search details	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years; Humans; English	155	18:33:17

Click AND in builder

PubMed Advanced Search Builder

Filters activated: published in the last 5 years, Humans, English. [Clear all](#)

New Strategy in Search Builder

("Hypertension/drug therapy"[Mesh]) AND (("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] AND "last 5 years"[Date]) AND Humans[Mesh] AND English[lang]

Builder

All Fields "Hypertension/drug therapy"[Mesh] [Show index list](#)

AND All Fields ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] AND "last 5 years"[Date] [Show index list](#)

AND All Fields [Show index list](#)

Search or [Add to history](#)

Click Search

Download history [Clear history](#)

	Query	Items found	Time
	"Hypertension/drug therapy"[Mesh]	56270	18:41:00
	"Hypertension/drug therapy"[Mesh] Filters: published in the last 5 years; Humans; English	6057	18:41:00
	"Hypertension/prevention and control"[Mesh] AND "Life Style"[Mesh] Filters: published in the last 5 years; Humans; English	144	18:39:13
#4	Add Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]	677	18:39:13
#9	Add Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr]	191	18:38:50
#8	Add Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr] Filters: published in the last 5 years; Humans; English	45	18:38:50
#6	Add Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years; English	144	18:34:15
#5	Add Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years	155	18:33:17

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov PubMed (((("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] AND "last 5 years"[PDat] Search

US National Library of Medicine National Institutes of Health RSS Save search Advanced Help

Show additional filters Clear all

Article types Clinical Trial Review Systematic Reviews More ...

Text availability Abstract Free full text Full text

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Languages English More ...

Clear all Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filter your results:

Results: 19
Filters activate published in the last 5 years, Humans, English. Clear all to show 19 items.

1. Canadian Cardiovascular Society position statement on the management of thoracic aortic disease. Boodhwani M, Al-Jaber G, Leipsic J, Lindsay T, McMurtry MS, Therrien J, Siu SC; Canadian Cardiovascular Society. Can J Cardiol. 2014 Jun 18;30(6):577-89. doi: 10.1016/j.cjca.2014.02.018. Epub 2014 Feb 28. Review. PMID: 24882528 [PubMed - indexed for MEDLINE] Related citations

2. The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension. Dasgupta K, Quinn RR, Zarnke KB, Rabi DM, Ravani P, Daskalopoulou SS, Rabkin SW, Trudeau L, Feldman RD, Cloutier L, Prebble J, Herman RJ, Bacon SL, Gilbert RE, Ruzicka M, McKay DW, Campbell TS, Grover S, Honos G, Griffin EL, Bolli P, Wilson TW, Lindsay P, Hill MD, Coutts SB. Can Fam Physician. 2014 Jun;60(6):606-15. doi: 10.1503/cmaj.122001. Epub 2014 Jun 11. Review. PMID: 24820450 [PubMed - indexed for MEDLINE] Related citations

3. Joyner J, Cline DW, Simmons DR, Ferraro CW, Mount DL. Ethn Dis. 2014 Winter;24(1):60-6. PMID: 24620450 [PubMed - indexed for MEDLINE] Related citations

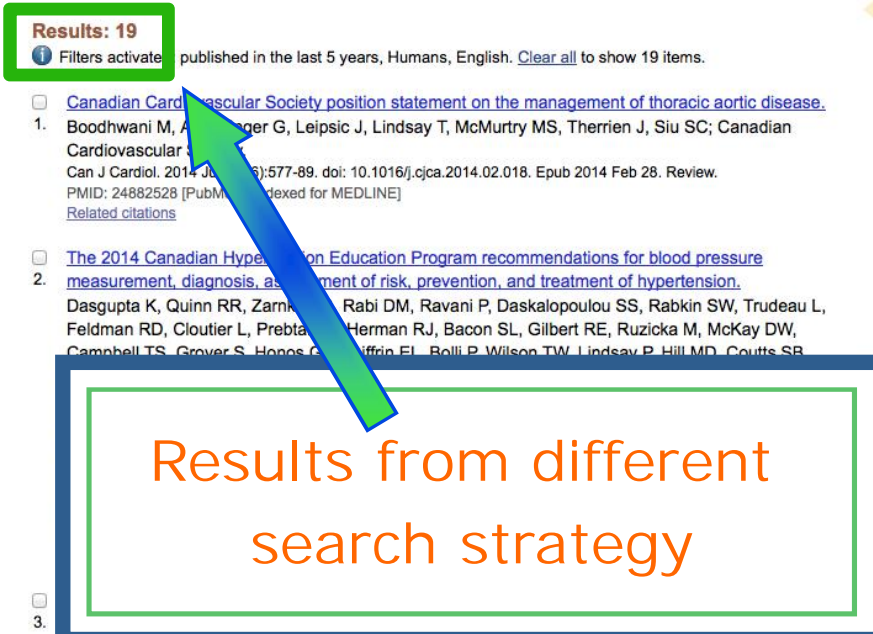
All (19)
All Adult (8)
All Child (2)
All Infant (1)
English & Humans (19)
Meta-analysis (0)
Nursing Journals (2)
Practice Guideline (2)
Randomized Controlled Trial (0)
Systematic Reviews (2)
Public Health Mesh (15)

Manage Filters

See full-text articles in PubMed Central

Review Drug mechanisms to help in managing resistant hypertension [Curr Hypertens Rep. 2010]

See all (3)...



Results from different search strategy

Show additional filters **Display Settings:** Summary, 20 per page, Sorted by Recently Added **Send to:** **Filter your results:**

Results: 19
Filters applied: Published in the last 5 years, Humans, English. [Clear all](#) to show 19 items.

- [Canadian Cardiovascular Society position statement on the management of thoracic aortic disease.](#)
- 1. [Boodhwani M, Andelfinger G, Leipsic J, Lindsay T, McMurtry MS, Therrien J, Siu SC; Canadian Cardiovascular Society. Can J Cardiol. 2014 Jun;30\(6\):577-89. doi: 10.1016/j.cjca.2014.02.018. Epub 2014 Feb 28. Review. PMID: 2472528 \[PubMed - indexed for MEDLINE\] \[Related citations\]\(#\)](#)

Filter your results:

- All (19)
- All Adult (8)
- All Child (2)
- All Infant (1)
- English & Humans (19)
- Meta-analysis (0)
- Nursing Journals (2)
- Practice Guideline (2)
- Randomized Controlled Trial (0)
- Systematic Reviews (2)
- Public Health Mesh (15)

Click [Display Settings](#)

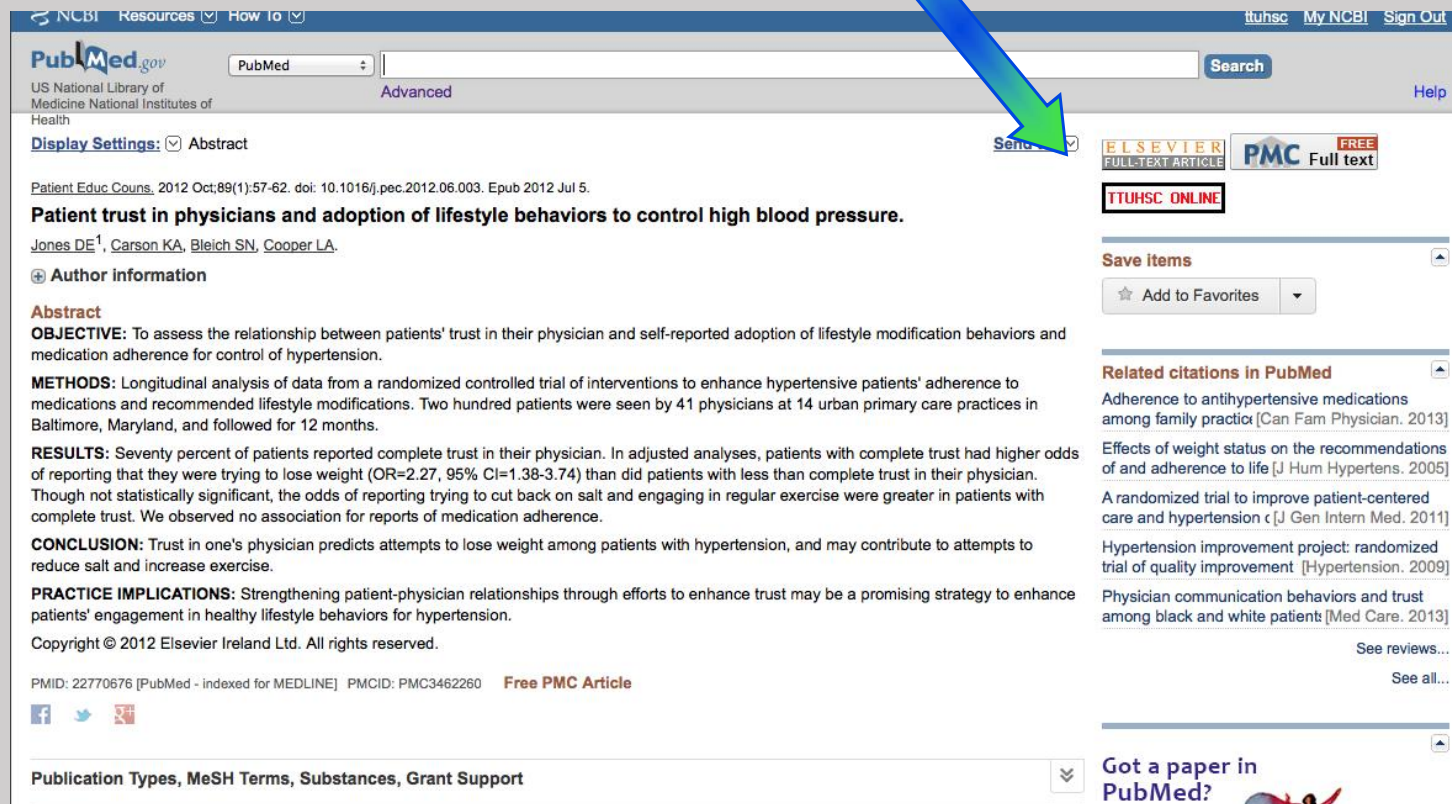
[Hypertension: A pilot study.](#)
Andelfinger M.

PMID: 23757818 [PubMed - indexed for MEDLINE]
[Related citations](#)

[Patient trust in physicians and adoption of lifestyle behaviors to control high blood pressure.](#)

8. [Jones DE, Carson KA, Bleich SN, Cooper LA. Patient Educ Couns. 2012 Oct;89\(1\):57-62. doi: 10.1016/j.pec.2012.06.003. Epub 2012 Jul 5. PMID: 22770676 \[PubMed - indexed for MEDLINE\] **Free PMC Article** \[Related citations\]\(#\)](#)

Icons for full text




NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed Search

US National Library of Medicine National Institutes of Health

Display Settings: Abstract

Send to 

ELSEVIER FULL-TEXT ARTICLE PMC FREE Full text TTUHSC ONLINE

Save items
Add to Favorites

Related citations in PubMed
Adherence to antihypertensive medications among family practitioners [Can Fam Physician. 2013]
Effects of weight status on the recommendations of and adherence to life [J Hum Hypertens. 2005]
A randomized trial to improve patient-centered care and hypertension control [J Gen Intern Med. 2011]
Hypertension improvement project: randomized trial of quality improvement [Hypertension. 2009]
Physician communication behaviors and trust among black and white patients [Med Care. 2013]

See reviews...
See all...

Got a paper in PubMed?

PMID: 22770676 [PubMed - indexed for MEDLINE] PMCID: PMC3462260 Free PMC Article

Publication Types, MeSH Terms, Substances, Grant Support

Patient Educ Couns. 2012 Oct;89(1):57-62. doi: 10.1016/j.pec.2012.06.003. Epub 2012 Jul 5.

Patient trust in physicians and adoption of lifestyle behaviors to control high blood pressure.

Jones DE¹, Carson KA, Bleich SN, Cooper LA.

Author information

Abstract

OBJECTIVE: To assess the relationship between patients' trust in their physician and self-reported adoption of lifestyle modification behaviors and medication adherence for control of hypertension.

METHODS: Longitudinal analysis of data from a randomized controlled trial of interventions to enhance hypertensive patients' adherence to medications and recommended lifestyle modifications. Two hundred patients were seen by 41 physicians at 14 urban primary care practices in Baltimore, Maryland, and followed for 12 months.

RESULTS: Seventy percent of patients reported complete trust in their physician. In adjusted analyses, patients with complete trust had higher odds of reporting that they were trying to lose weight (OR=2.27, 95% CI=1.38-3.74) than did patients with less than complete trust in their physician. Though not statistically significant, the odds of reporting trying to cut back on salt and engaging in regular exercise were greater in patients with complete trust. We observed no association for reports of medication adherence.

CONCLUSION: Trust in one's physician predicts attempts to lose weight among patients with hypertension, and may contribute to attempts to reduce salt and increase exercise.

PRACTICE IMPLICATIONS: Strengthening patient-physician relationships through efforts to enhance trust may be a promising strategy to enhance patients' engagement in healthy lifestyle behaviors for hypertension.

Copyright © 2012 Elsevier Ireland Ltd. All rights reserved.

Publication Types, MeSH Terms, Substances, Grant Support

Publication Types

[Research Support, N.I.H., Extramural](#)

MeSH Terms

[Adult](#)

[Aged](#)

[Antihypertensive Agents/therapeutic use](#)

[Baltimore](#)

[Exercise](#)

[Female](#)

[Hypertension/drug therapy](#)

[Hypertension/prevention & control*](#)

[Life Style*](#)

[Longitudinal Studies](#)

[Male](#)

[Middle Aged](#)

[Patient Compliance*/psychology](#)

[Patient Compliance*/statistics & numerical data](#)

[Physician-Patient Relations*](#)

[Physicians](#)

[Primary Health Care](#)

[Risk Reduction Behavior](#)

[Self Report](#)

[Socioeconomic Factors](#)

[Treatment Outcome](#)

[Trust*](#)

[Weight Loss](#)

Substances

[Antihypertensive Agents](#)

MeSH Database
searches *only*
the MeSH terms for:

hypertension/dt

AND

hypertension/pc

AND

life style



Download PDF



Export

More options...

Search ScienceDirect



Advanced search



Patient Education and Counseling

Volume 89, Issue 1, October 2012, Pages 57–62



Communication Studies

Patient trust in physicians and adoption of lifestyle behaviors to control high blood pressure

Deborah E. Jones^a, Bryn A. Carson^b, Sara N. Bleich^c, Lisa A. Cooper^d[Get rights and content](#)**Click PDF**

patients' trust in their physician and self-reported adoption of lifestyle adherence for control of hypertension.

Methods

Longitudinal analysis of data from a randomized controlled trial of interventions to enhance hypertensive patients' adherence to medications and recommended lifestyle modifications. Two hundred patients were seen by 41 physicians at 14 urban primary care practices in Baltimore, Maryland, and followed for 12 months.

Results

Seventy percent of patients reported complete trust in their physician. In adjusted analyses, patients with complete trust had higher odds of reporting that they were trying to lose weight (OR = 2.27, 95% CI = 1.38–3.74) than did patients with less than complete trust in their physician. Though not statistically significant, the odds of reporting trying to cut back on salt and engaging in regular exercise were greater in patients with complete trust. We observed no association for reports of medication adherence.

Conclusion

Trust in one's physician predicts attempts to lose weight among patients with hypertension, and may contribute to attempts to reduce salt and increase exercise.

Practice implications

Strengthening patient–physician relationships through efforts to enhance trust may be a promising strategy to enhance patients' engagement in healthy lifestyle behaviors for hypertension.

Recommended articles

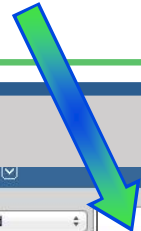
Accepting the unacceptable: Medicat...2011, Patient Education and Counseling [more](#)**How much does trust really matter? ...**2011, Patient Education and Counseling [more](#)**Physician counseling for hypertensio...**2008, Patient Education and Counseling [more](#)[View more articles >](#)

Citing articles (5)

Related book content

Saving Searches

Click Advanced



NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov [Advanced](#) [Help](#)

US National Library of Medicine National Institutes of Health

[Display Settings:](#) Abstract [Send to:](#)

[Patient Educ Couns.](#) 2012 Oct;89(1):57-62. doi: 10.1016/j.pec.2012.06.003. Epub 2012 Jul 5.

Patient trust in physicians and adoption of lifestyle behaviors to control high blood pressure.

Jones DE¹, Carson KA, Bleich SN, Cooper LA.

Author information

Abstract

OBJECTIVE: To assess the relationship between patients' trust in their physician and self-reported adoption of lifestyle modification behaviors and medication adherence for control of hypertension.

METHODS: Longitudinal analysis of data from a randomized controlled trial of interventions to enhance hypertensive patients' adherence to medications and recommended lifestyle modifications. Two hundred patients were seen by 41 physicians at 14 urban primary care practices in Baltimore, Maryland, and followed for 12 months.

RESULTS: Seventy percent of patients reported complete trust in their physician. In adjusted analyses, patients with complete trust had higher odds of reporting that they were trying to lose weight (OR=2.27, 95% CI=1.38-3.74) than did patients with less than complete trust in their physician. Though not statistically significant, the odds of reporting trying to cut back on salt and engaging in regular exercise were greater in patients with complete trust. We observed no association for reports of medication adherence.

CONCLUSION: Trust in one's physician predicts attempts to lose weight among patients with hypertension, and may contribute to attempts to reduce salt and increase exercise.

PRACTICE IMPLICATIONS: Strengthening patient-physician relationships through efforts to enhance trust may be a promising strategy to enhance patients' engagement in healthy lifestyle behaviors for hypertension.

Copyright © 2012 Elsevier Ireland Ltd. All rights reserved.

PMID: 22770676 [PubMed - indexed for MEDLINE] PMCID: PMC3462260 [Free PMC Article](#)

Save items

Related citations in PubMed

- Adherence to antihypertensive medications among family practict [Can Fam Physician. 2013]
- Effects of weight status on the recommendations of and adherence to life [J Hum Hypertens. 2005]
- A randomized trial to improve patient-centered care and hypertension c [J Gen Intern Med. 2011]
- Hypertension improvement project: randomized trial of quality improvement [Hypertension. 2009]
- Physician communication behaviors and trust among black and white patients [Med Care. 2013]

[See reviews...](#)
[See all...](#)

PubMed Advanced Search Builder

Tutorial

Filters activated: published in the last 5 years, Humans, English. [Clear all](#)

("Hypertension/drug therapy"[Mesh]) AND (("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] AND "last 5 years"[Pdat] AND Humans[Mesh] AND English[lang])

[Edit](#)

[Clear](#)

Builder

"Hypertension/drug therapy"[Mesh] [Show index list](#)

AND ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] AND "last 5 year" [Show index list](#)

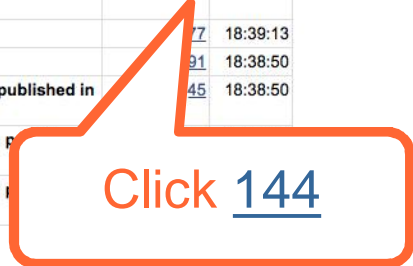
AND [Show index list](#)

or [Add to history](#)

History

[Download history](#) [Clear history](#)

Search	Add to builder	Query	Items found	Time
#11	Add	Search "Hypertension/drug therapy"[Mesh]	56270	18:41:00
#10	Add	Search "Hypertension/drug therapy"[Mesh] Filters: published in the last 5 years; Humans; English	6057	18:41:00
#7	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: published in the last 5 years; Humans; English	144	18:39:13
#4	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]	7	18:39:13
#9	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr]	91	18:38:50
#8	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Majr] Filters: published in the last 5 years; Humans; English	45	18:38:50
#6	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: p in the last 5 years; English		
#5	Add	Search ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Filters: p in the last 5 years		



Show additional filters

Display Settings: Summary per page, Sorted by Recently Added

Send to:

Filter your results:

Clear all

Article types

- Clinical Trial
- Review
- Systematic Reviews
- More ...

Text availability

- Abstract
- Free full text
- Full text

Publication dates

- clear 5 years
- 10 years
- Custom range...

Species

- clear Humans
- Other Animals

Languages

- clear English
- More ...

Clear all

Show additional filters

Results: 1 to 20 of

<< First < Prev Page 1 of 8 Next > Last >>

Filters activated: ... last 5 years, Humans, English. Clear all to show 677 items.

Click Save search

1. [Ca...](#) of thoracic aortic disease.
 1. [Bo...](#) n J, Siu SC; Canadian
 Ca...
 Ca... Feb 28. Review.
 PM...
[Related citations](#)

clear [Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. These steps may delay your need to take medicines.](#)
 [No authors listed]
 Harv Heart Lett. 2014 Mar;24(7):5. No abstract available.
 PMID: 24868608 [PubMed - indexed for MEDLINE]
[Related citations](#)

clear [The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension.](#)
 Dasgupta K, Quinn RR, Zarnke KB, Rabi DM, Ravani P, Daskalopoulou SS, Rabkin SW, Trudeau L, Feldman RD, Cloutier L, Prebtani A, Herman RJ, Bacon SL, Gilbert RE, Ruzicka M, McKay DW, Campbell TS, Grover S, Honos G, Schiffrin EL, Bolli P, Wilson TW, Lindsay P, Hill MD, Coutts SB, Gubitz G, Gelfer M, Vallée M, Prasad GV, Lebel M, McLean D, Arnold JM, Moe GW, Howlett JG, Boulanger JM, Larochelle P, Leiter LA, Jones C, Ogilvie RI, Woo V, Kaczorowski J, Burns KD, Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylypchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program.
 Can J Cardiol. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review.
 PMID: 24786438 [PubMed - indexed for MEDLINE] [Free Article](#)
[Related citations](#)

[Yoga and hypertension: a systematic review.](#)

All (144)

- [All Adult \(64\)](#)
- [All Child \(26\)](#)
- [All Infant \(1\)](#)
- [English & Humans \(144\)](#)
- [Meta-analysis \(2\)](#)
- [Nursing Journals \(12\)](#)
- [Practice Guideline \(5\)](#)
- [Randomized Controlled Trial \(12\)](#)
- [Systematic Reviews \(15\)](#)
- [Public Health Mesh \(115\)](#)

Manage Filters

New feature

Try the new Display Settings option - Sort by Relevance

Find related data

Database: Select

Find items

Search details

```
"Hypertension/prevention and control"[Mesh] AND "Life Style"[Mesh] AND ("2009/08/28"[PDat] : "2014/08/26"[PDat] AND "humans"[MeSH Terms] AND English[lang])
```

My NCBI » Saved Searches

[Saved Searches help](#)

Your PubMed search

Search: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

Filters: 5 years, Humans, English

Name of Search: ("Hypertension/prevention and control"[Mesh])

Save

Cancel

Click

Save

My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

Filters: 5 years, Humans, English

E-mail: your.name@ttuhsc.edu ([change](#))

Would you like e-mail updates of new search results?

- No, thanks.
- Yes, please.

Frequency: Monthly

Which day? the first Saturday

Formats:

Report format: Summary

Number of items:

Send at most: 5 items Send even when there aren't any new results

Any text you want to be added at the top of your e-mail (optional):

Save

Cancel

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).

Click  Yes, please.

My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

Filters: 5 years, Humans, English

E-mail: your.name@ttuhsc.edu ([change](#))

Would you like e-mail updates of new search results?

- No, thanks.
- Yes, please.

Frequency: Monthly
 Which day? Weekly Daily

Select frequency

Formats:

Report format: Summary

Number of items:

Send at most: 5 items Send even when there aren't any new results

Any text you want to be added at the top of your e-mail (optional):

Save

Cancel

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).

My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

Filters: 5 years, Humans, English

E-mail: your.name@ttuhsc.edu [change](#)

Would you like e-mail updates of new search results?

- No, thanks.
- Yes, please.

Frequency: Monthly

Which day?

- Sunday
- ✓ Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Select day

Formats:

Report format: Su

Number of items:

Send at most: 5

when there aren't any new results

Any text you want to be

e-mail (optional):

Save

Cancel

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).

My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

Filters: 5 years, Humans, English

E-mail: your.name@ttuhsc.edu [change](#)

Would you like e-mail updates of new search results?

- No, thanks.
- Yes, please.

Frequency: Monthly

Which day? the first Saturday

Formats:

- Report format:
- Summary
 - Summary (text)
 - Abstract
 - Abstract (text)
 - MEDLINE

Number of items:

Send at most: when there aren't any new results

Any text you want

E-mail (optional):

Save

Cancel

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).



My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

Filters: 5 years, Humans, English

E-mail: your.name@ttuhsc.edu ([change](#))

Would you like e-mail updates of new search results?

- No, thanks.
- Yes, please.

Frequency: Monthly

Which day? the first Saturday

Formats:

Report format: Summary

Number of items:

Send at most:

- 1 item
- 5 items
- 10 items
- 20 items
- 50 items
- 100 items
- 200 items

Send even when there aren't any new results

Any text you want

top of your e-mail (optional):

Save

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).

Select Number of items:

Click Save

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search Help

RSS Save search Advanced

Show additional filters

Clear all

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
Full text

Publication dates
clear
5 years
10 years
Custom range...

Species
clear
Humans
Other Animals

Languages
clear
English
More ...

Clear all

Show additional filters

Recently Added

Your search was saved. [Edit your search settings.](#)

Results: 1 to 20 of 144

Filters: 1 Filter: published in the last 5 years, Humans, English. [Clear all](#) to show all results.

1. [Canadian Hypertension Society position statement on the management of hypertension](#)
MS, Therrien J, Siu SC; pub 2014 Feb 28. Review.

2. [Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. These steps may delay your need to take medicines.](#)
[No authors listed]
Harv Heart Lett. 2014 Mar;24(7):5. No abstract available.
PMID: 24868608 [PubMed - indexed for MEDLINE]
[Related citations](#)

3. [The 2014 Canadian Hypertension Education Program recommendations for blood pressure measurement, diagnosis, assessment of risk, prevention, and treatment of hypertension.](#)
Dasgupta K, Quinn RR, Zarnke KB, Rabi DM, Ravani P, Daskalopoulou SS, Rabkin SW, Trudeau L, Feldman RD, Cloutier L, Prebtani A, Herman RJ, Bacon SL, Gilbert RE, Ruzicka M, McKay DW, Campbell TS, Grover S, Honos G, Schiffrin EL, Bolli P, Wilson TW, Lindsay P, Hill MD, Coutts SB, Gubitz G, Gelfer M, Vallée M, Prasad GV, Lebel M, McLean D, Arnold JM, Moe GW, Howlett JG, Boulanger JM, Larochelle P, Leiter LA, Jones C, Ogilvie RI, Woo V, Kaczorowski J, Burns KD, Petrella RJ, Hiremath S, Milot A, Stone JA, Drouin D, Lavoie KL, Lamarre-Cliche M, Tremblay G, Hamet P, Fodor G, Carruthers SG, Pylpchuk GB, Burgess E, Lewanczuk R, Dresser GK, Penner SB, Hegele RA, McFarlane PA, Khara M, Pipe A, Oh P, Selby P, Sharma M, Reid DJ, Tobe SW, Padwal RS, Poirier L; Canadian Hypertension Education Program.
Can J Cardiol. 2014 May;30(5):485-501. doi: 10.1016/j.cjca.2014.02.002. Epub 2014 Feb 22. Review.
PMID: 24786438 [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)

Meta-analysis (2)
Nursing Journals (12)
Practice Guideline (5)
Randomized Controlled Trial (12)
Systematic Reviews (15)
Public Health Mesh (115)

Manage Filters

New feature
Try the new Display Settings option - **Sort by Relevance**

Find related data
Database: Select
Find Items

Search details
"Hypertension/prevention and control"[Mesh] AND "Life Style"[Mesh] AND ("2009/08/28"[PDat] : "2014/08/26"[PDat] AND

Search See more...

Click My NCBI

Search is saved.

My NCBI

[Customize this page](#) | [NCBI Site Preferences](#) | [Video Overview](#) | [Help](#)

Search NCBI databases

Search : PubMed

Hint: clicking the "Search" button without any terms listed in the search box will transport you to that database's homepage.

Saved Searches

Search Name	What's New	Last Searched
PubMed Searches		
["Hypertension/prevention and control"[Mesh]] A...	0	today

[Manage Saved Searches >](#)

My Bibliography

Your bibliography contains **no items**.

Use the "Send to" button to add items to your bibliography.

Collections

Collection Name	Sharing	Type
Favorites		Standard

Click [Manage Saved Searches](#)

Recent Activity

Time	Database	Type	Term
7:01 PM	PubMed	search	["Hypertension/prevention and contr...
7:00 PM	PubMed	search	(["Hypertension/prevention and con...
6:58 PM	PubMed	search	["Hypertension/epidemiology"[Mesh]] A...
6:54 PM	PubMed	search	["Hypertension/prevention and contr...
6:54 PM	PubMed	search	["Hypertension/prevention and contr...
6:50 PM	PubMed	search	["Hypertension/nursing"[Mesh]] AND ["...
6:49 PM	MeSH	record	Hypertension
6:49 PM	MeSH	search	hypertension
6:47 PM	PubMed	search	["Hypertension/prevention and contro...
6:44 PM	PubMed	search	["Hypertension/prevention and contr...

[Clear](#) [Turn Off](#)

[See All Recent Activity >](#)

Filters for: PubMed (10 active)

Active	Name	Type
<input checked="" type="checkbox"/>	Public Health Mesh	Custom
<input checked="" type="checkbox"/>	All Adult	Standard filter
<input checked="" type="checkbox"/>	All Child	Standard filter
<input checked="" type="checkbox"/>	All Infant	Standard filter
<input checked="" type="checkbox"/>	English & Humans	Standard filter
<input checked="" type="checkbox"/>	Meta-analysis	Standard filter
<input checked="" type="checkbox"/>	Nursing Journals	Standard filter
<input checked="" type="checkbox"/>	Practice Guideline	Standard filter
<input checked="" type="checkbox"/>	Randomized Controlled Trial	Standard filter
<input checked="" type="checkbox"/>	Systematic Reviews	Standard filter

[Manage Filters >](#)

SciENcv

[Click here to create a new CV.](#)

Delete saved search(es).

See

What's new

NCBI Resources How To ttuhsc My NCBI Sign Out

My NCBI » Saved Searches [Saved Searches help](#)

Select: [All](#), [None](#) 0 items selected [Delete selected item\(s\)](#) [What's new](#)

<input type="checkbox"/>	Name	Database	Last Searched	Schedule
<input type="checkbox"/>	["Hypertension/prevention and control"[Mesh]) A...	PubMed	today	weekly

Click to re-run search.

Formatting for Bibliographic Management

Do you use Bibliographic Management Software?

Bibliographic Management Software Examples:

1. EndNote
2. RefWorks

To format PubMed citations for export:

1. use the MEDLINE format (see below and next 2 screens)

```
PMID- 22770676
OWN - NLM
STAT- MEDLINE
DA - 20121001
DCOM- 20130104
LR - 20131115
IS - 1873-5134 (Electronic)
IS - 0738-3991 (Linking)
VI - 89
IP - 1
DP - 2012 Oct
TI - Patient trust in physicians and adoption of lifestyle behaviors to control high
    blood pressure.
PG - 57-62
LID - 10.1016/j.pec.2012.06.003 [doi]
LID - S0738-3991(12)00233-9 [pii]
AB - OBJECTIVE: To assess the relationship between patients' trust in their physician
    and self-reported adoption of lifestyle modification behaviors and medication
    adherence for control of hypertension. METHODS: Longitudinal analysis of data
    from a randomized controlled trial of interventions to enhance hypertensive
```

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh] Search

RSS Save search Advanced Help

Show additional filters

Clear all

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
Full text

Publication dates
clear
5 years
10 years
Custom range

Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filter your results:

Format	Items per page	Sort by
<input type="radio"/> Summary	<input type="radio"/> 5	<input type="radio"/> Recently Added
<input type="radio"/> Summary (text)	<input type="radio"/> 10	<input type="radio"/> Date
<input type="radio"/> Abstract	<input checked="" type="radio"/> 20	<input type="radio"/> Author
<input type="radio"/> Abstract (text)	<input type="radio"/> 50	<input type="radio"/> Last author
<input checked="" type="radio"/> MEDLINE	<input type="radio"/> 100	<input type="radio"/> Journal
<input type="radio"/> XML	<input type="radio"/> 200	<input type="radio"/> Title
<input type="radio"/> PMID		<input type="radio"/> Relevance

Apply

1. PMID: 2488... [PubMed - indexed for MEDLINE]
[Related citations](#)

2. [Borderline hypertension. When do you need treatment? Many people develop high blood pressure during their lifetime. These steps may delay your need to take medicines.](#)

All (144)
[All Adult \(64\)](#)
[All Child \(26\)](#)
[All Infant \(1\)](#)
[English & Humans \(144\)](#)
[Meta-analysis \(2\)](#)
[Nursing Journals \(12\)](#)
[Practice Guideline \(5\)](#)
[Randomized Controlled Trial \(12\)](#)
[Systematic Reviews \(15\)](#)
[Public Health Mesh \(115\)](#)

Manage Filters

Select MEDLINE format,

change to Pub Date

to sort to most recent articles appearing first,

then click

Apply

My NCBI » Saved Search Settings

Save Search successful.

Your PubMed search

Name of saved search: ("Hypertension/prevention and control"[Mesh])

Search terms: ("Hypertension/prevention and control"[Mesh]) AND "Life Style"[Mesh]

[Test search terms](#)

In Saved Searches

Yes, please.
Frequency: Monthly
Which day? the first Sunday

Formats:
Report format:
Number of items:
Send at most:
Any text you want to include in the report:
MEDLINE

Select Report format

Save

Cancel

Delete

Skip scheduling and [return to your search](#), or proceed to [manage your Saved Searches](#).

ENDNOTE® - *Additional Information*

ENDNOTE® basic

My References Collect Organize Format Options ConnectBeta

Show Panel

Hide Getting Started Guide

Getting Started

Find

Collect references by searching online databases or importing your existing collection.

- Search an online database
- Create a reference manually
- Import references

Store & Share

Organize and group references in any way that works for you. Then share your groups with colleagues.

- Create a new group
- Share a group
- Find duplicate references

Create

Use our plugin to **format** bibliographies and cite references while you write.

- Cite While You Write™ Plug-In
- Create a formatted bibliography
- Format a paper

ConnectBeta

Interact and **connect** with researchers from around the world.

- Connect now

View in | 简体中文 | 繁体中文 | English | Deutsch | 日本語 | 한국어 | Português | Español |

Mobile Site | Privacy | Acceptable Use | Download Installers | Feedback

© 2014 THOMSON REUTERS

THOMSON REUTERS
Published by Thomson Reuters

NCBI Resources How To ttuhsc My NCBI Sign Out

MeSH MeSH human genome Search Help

MeSH

MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.

Using MeSH

- [Help](#)
- [Tutorials](#)

More Resources

- [E-Utilities](#)
- [NLM MeSH Homepage](#)

Enter

human genome

and click

Search

1) Check the box next to the MeSH heading

2) Select AND

The image shows a screenshot of a PubMed search results page with several instructional callouts. At the top, there are two boxes: the first contains the text '1) Check the box next to the MeSH heading' with an arrow pointing to a checkbox next to the 'Genome, Human' heading; the second contains '2) Select AND' with an arrow pointing to the 'AND' dropdown menu in the search builder. Below the search results, there are two more boxes: the third contains '3) Then click Add to search builder' with an arrow pointing to the 'Add to search builder' button; the fourth contains 'Click Search PubMed' with an arrow pointing to the 'Search PubMed' button. The search results list includes 'Genome, Human', 'National Human Genome Research Institute (U.S.)', and 'Human Genome Project'. The search builder interface on the right includes a 'PubMed Search Builder' section with a text input field, an 'Add to search builder' button, and an 'AND' dropdown menu. Below that is a 'Search PubMed' button. Further down, there is a 'Find related data' section with a 'Database' dropdown and a 'Find items' button. At the bottom right, there is a 'Search details' section.

3) Then click Add to search builder

Click Search PubMed

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov
US National Library of Medicine National Institutes of Health

PubMed "Genome, Human"[Mesh] Search

RSS Save search Advanced Help

Show additional filters

Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filter your results:

Results: 1 to 20 of 19291 << First < Prev Page 1 of 965 Next > Last >>

All (19291)
All Adult (2019)
All Child (1105)
All Infant (334)
English & Humans (18342)
Meta-analysis (139)
Nursing Journals (38)
Practice Guideline (1)
Randomized Controlled Trial (33)
Systematic Reviews (328)
Public Health Mesh (5169)

Article types
Clinical Trial
Review
Systematic Reviews
More ...

Text availability
Abstract
Free full text
Full text

PubMed Commons
Reader comments

Publication dates
5 years
10 years
Custom range...

Species
Humans
Other Animals

Languages
English
More ...

Clear all
Show additional filters

1. [Mobile DNA in cancer. Extensive transduction of nonrepetitive DNA mediated by L1 retrotransposition in cancer genomes.](#)
Tubio JM, Li Y, Ju YS, Mariani L, Cooke SL, Tojo M, Gundem G, Pipinikas CP, Zamora J, Raine K, Menzies A, San-Garcia P, Fullam A, Gerstung M, Shlien A, Tarpey PS, Papaemmanuil E, Kratz A, Hog S, Van Loo P, Ramakrishna M, Davies HR, Marshall J, Wedge DC, Teague JW, Cooper AP, Nik-Zainal S, Alexandrov L, Behjati S, Yates LR, Bolli N, Mudie L, Hardy C, McLaren S, McLaren S, O'Meara S, Anderson E, Maddison M, Gamble S; ICGC Breast Cancer Group; ICGC Bone Cancer Group; ICGC Prostate Cancer Group; Foster C, Wang AY, Whitaker H, Brewer D, Eeles R, Cooper C, Neal D, Lynch AG, Visakorpi T, Isola J, van't Veer L, Caldas C, Desmedt C, Sotiriou C, Aparicio S, Foekens J, Nord JE, Lakhani SR, Thomas G, Myklebost O, Span PN, Børresen-Dale AL, Richardson AL, Van de Vijver M, Vincent-Salomon A, Van den Eynden GG, Flaig H, Straton MR, McDermott U, Campbell Science. 2014 Aug 1;345(6196):1251343. doi: 10.1016/j.sci.2014.06.011. PMID: 25082706 [PubMed - indexed for MEDLINE] [Related citations](#)

2. [Evolution. An epigenetic window into the human genome.](#)
Orlando L, Willerslev E. Science. 2014 Aug 1;345(6196):511-2. doi: 10.1126/science.1254432. PMID: 25082684 [PubMed - indexed for MEDLINE] [Related citations](#)

3. [\[Cell analogs of viral proteins\].](#)
Blinov VM, Gaisler V, Krasnov GS, Shakhmatov D. Zh Mikrobiol Epidemiol Immunobiol. 2014 Mar;14(3):10-13. PMID: 25051706 [PubMed - indexed for MEDLINE] [Related citations](#)

4. [Interpreting whole-genome sequencing--reply.](#)
Dewey F, Ashley E, Quertermous T. JAMA. 2014 Jul 16;312(3):296-7. doi: 10.1001/jama.2014.6605. No abstract available. PMID: 25027152 [PubMed - indexed for MEDLINE] [Related citations](#)

Titles with your search terms
A six months exercise intervention influences the **genon** [PLoS Genet. 2013]
RNA-guided **human genome** engineering via Cas9. [Science. 2013]
Genome-scale CRISPR-Cas9 knockout

PubMed identifies
19291 articles

NCBI Resources How To PubMed.gov US National Library of Medicine National Institutes of Health

Search: "Genome, Human"[Mesh] AND "dark matter" Search

Display Settings: Summary, 20 per page, Sorted by Recently Added

Results: 1 to 20 of 19291

1. [Mobile DNA in cancer. Extensive transduction of repetitive DNA mediated by L1 retrotransposition in cancer genomes.](#)
Tubio JM, Li Y, Ju YS, Martincorena I, Cooke M, Tojo M, Gundem G, Pipinikas CP, Zamora J, Raine K, Menzies A, Roman-Garcia J, Fullam A, Gerstung M, Shlien A, Tarpey PS, Papaemmanuil E, Knappskog S, Loo P, Ramakrishna M, Davies HR, Marshall J, Wedge DC, Teague JW, Butler A, Alizadeh A, Zainal S, Alexandrov L, Behjati S, Yates LR, Bolli N, Mudie L, Hardy C, Martin-Baron S, McLaren S, O'Meara S, Anderson E, Maddison M, Gamble S; ICGC Breast Cancer Group; ICGC Bone Cancer Group; ICGC Prostate Cancer Group; Foster C, Wrensch MR, Whitaker H, Brewer D, Eeles R, Cooper C, Neal D, Lynch AG, Visakorpi T, Jones AR, Desmedt C, Sotiriou C, Aparicio S, Foekema M, Eyfjörd JE, Lakhani SR, Thomas G, Myklebost O, Span PN, Børresen-Dale AL, Richardson AL, Van de Vijver M, Vincent-Salomon A, Van den Eynden GG, Flanagan AM, Futreal PA, Janes SM, Bova GS, Stratton MR, McDermott U, Campbell PJ. *Science*. 2014 Aug 1;345(6196):1251343. doi: 10.1126/science.1251343. PMID: 25082706 [PubMed - indexed for MEDLINE] [Related citations](#)

Filter your results: All (19291)
[All Adult \(2019\)](#)
[All Child \(1105\)](#)
[All Infant \(334\)](#)
[English & Humans \(18342\)](#)
[Meta-analysis \(139\)](#)
[Nursing Journals \(38\)](#)
[Practice Guideline \(1\)](#)
[Randomized Controlled Trial \(33\)](#)
[Systematic Reviews \(328\)](#)
[Public Health Mesh \(5169\)](#)
[Manage Filters](#)

New feature
Try the new Display Settings option - Sort by Relevance

Enter

AND "dark matter"

and click

Search

NCBI Resources How To PubMed.gov "Genome, Human"[Mesh] AND "dark matter" Search

US National Library of Medicine National Institutes of Health

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: All (8)

Filter your results: All Adult (0), All Child (0), All Infant (0), English & Humans (8), Meta-analysis (0), Nursing Journals (0)

Results: 8

- 1. [Navigating the genome's "dark matter".](#)
Jenks S. J Natl Cancer Inst. 2013 May 6;105(10):673-4. doi: 10.1093/jnci/djt109. Epub 2013 May 6. No abstract available. PMID: 23650624 [PubMed - indexed for MEDLINE] Free Article
- 2. [Uncovering the role of genomic "dark matter" in human disease.](#)
Martin L, Chang HY. J Clin Invest. 2012 May 1;122(5):1589-95. doi: 10.1172/JCI59720. PMID: 22546862 [PubMed - indexed for MEDLINE] Free Article
- 3. [Transcribed "dark matter": meaning or myth?](#)
Ponting CP, Belgard TG. Hum Mol Genet. 2010 Oct 15;19(R2):R162-8. doi: 10.1093/hmg/ddq347. PMID: 20798109 [PubMed - indexed for MEDLINE] Free Article
- 4. [Most "dark matter" transcripts are associated with known genes.](#)
van Bakel H, Nislow C, Blencowe BJ, Hughes TR. PLoS Biol. 2010 May 18;8(5):e1000371. doi: 10.1371/journal.pbio.1000371. PMID: 20502517 [PubMed - indexed for MEDLINE] Free Article
- 5. [Comparative analysis of genome tiling array data identifies novel functional RNAs in human.](#)
Zhang Z, Pang AW, Gerstein M. BMC Evol Biol. 2007 Feb 8;7 Suppl 1:S14. PMID: 17288572 [PubMed - indexed for MEDLINE] Free Article
- 6. [Exploring genomic dark matter: a critical assessment of the performance of homology search methods on noncoding RNA.](#)
Freyhult EK, Bollback JP, Gardner PP. Genome Res. 2007 Jan;17(1):117-25. Epub 2006 Dec 6. PMID: 17151342 [PubMed - indexed for MEDLINE] Free PMC Article
- 7. [Signatures of adaptive evolution within human non-coding sequence.](#)
Ponting CP, Lunter G. Hum Mol Genet. 2006 Oct 15;15 Spec No 2:R170-5. Review. PMID: 16987880 [PubMed - indexed for MEDLINE] Free Article
- 8. [Of genes and genomes - and dark matter.](#)
Trayhurn P. Br J Nutr. 2004 Jan;91(1):1-2. No abstract available. PMID: 14748932 [PubMed - indexed for MEDLINE]

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to: See more...

Find related data: Database: Select Find items

Search details: "Genome, Human"[Mesh] AND "dark matter"[All Fields] Search See more...

PubMed identifies 8 articles

NCBI Resources How To ttuhsc My NCBI Sign Out

PubMed.gov PubMed "Genome, Human"[Mesh] AND "dark matter" [ti] Search Help

Show additional filters Display Settings: Summary, 20 per page, Sorted by Added Send to: Filter your results:

Article types Review More ...

Text availability Abstract Free full text Full text

Publication dates 5 years 10 years

Results: 8

1. [Navigating the genome's "dark matter".](#)
 Jenks S.
 J Natl Cancer Inst. 2013 May 15;105(10):673-4. doi: 10.1093/jnci/djt109. Epub 2013 May 6. No abstract available.
 PMID: 23650624 [PubMed - indexed for MEDLINE] Free Article
[Related citations](#)

2. [Uncovering the role of genomic "dark matter" in human disease.](#)

Filter your results:
 All (8)
 All Adult (0)
 All Child (0)
 All Infant (0)
[English & Humans \(8\)](#)
 Meta-analysis (0)
 Nursing Journals (0)
 Practice Guideline (0)
 Randomized Controlled Trial (0)

Enter "dark matter" [ti] and click Search

3. [Comparative analysis of genome tiling array data reveals many novel primate-specific functional RNAs in human.](#)
 Zhang Z, Pang AW, Gerstein M.
 BMC Evol Biol. 2007 Feb 8;7 Suppl 1:S14.
 PMID: 17288572 [PubMed - indexed for MEDLINE] Free PMC Article
[Related citations](#)

4. [Exploring genomic dark matter: a critical assessment of the performance of homology search methods on noncoding RNA.](#)
 Freyhult EK, Bollback JP, Gardner PP.
 Genome Res. 2007 Jan;17(1):117-25. Epub 2006 Dec 6.
 PMID: 17151342 [PubMed - indexed for MEDLINE] Free PMC Article
[Related citations](#)

5 free full-text articles in PubMed Central

Uncovering the role of genomic "dark matter" in human disease. [J Clin Invest. 2012]

Review Transcribed dark matter: meaning or myth? [Hum Mol Genet. 2010]

Most "dark matter" transcripts are associated with known genes. [PLoS Biol. 2010]

See all (5)...

Results are narrowed to 6

Display Settings: Summary

Results: 6

- [Navigating the genome's "dark matter".](#)
1. Jenks S.
J Natl Cancer Inst. 2013 May 15;105(10):673-4. doi: 10.1093/jnci/djt109. Epub 2013 May 6. No abstract available.
PMID: 23650624 [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)
- [Uncovering the role of genomic "dark matter" in human disease.](#)
2. Martin L, Chang HY.
J Clin Invest. 2012 May 1;122(5):1589-95. doi: 10.1172/JCI60020. Epub 2012 May 1.
PMID: 22546862 [PubMed - indexed for MEDLINE] **Free PMC Article**
[Related citations](#)
- [Transcribed dark matter: meaning or myth?](#)
3. Ponting CP, Belgard TG.
Hum Mol Genet. 2010 Oct 15;19(R2):R162-8. doi: 10.1093/hmg/ddq362. Epub 2010 Aug 25. Review.
PMID: 20798109 [PubMed - indexed for MEDLINE] **Free PMC Article**
[Related citations](#)
- [Most "dark matter" transcripts are associated with known genes.](#)
4. van Bakel H, Nislow C, Blencowe BJ, Hughes TR.
PLoS Biol. 2010 May 18;8(5):e1000371. doi: 10.1371/journal.pbio.1000371.
PMID: 20502517 [PubMed - indexed for MEDLINE] **Free PMC Article**
[Related citations](#)
- [Exploring genomic dark matter: a critical assessment of the performance of homology search methods on noncoding RNA.](#)
5. Freyhult EK, Bollback JP, Gardner PP.
Genome Res. 2007 Jan;17(1):117-25. Epub 2006 Dec 6.
PMID: 17151342 [PubMed - indexed for MEDLINE] **Free PMC Article**
[Related citations](#)
- [Of genes and genomes - and dark matter.](#)
6. Trayhurn P.
Br J Nutr. 2004 Jan;91(1):1-2. No abstract available.
PMID: 14748932 [PubMed - indexed for MEDLINE]
[Related citations](#)

- All Adult (0)
- All Child (0)
- All Infant (0)
- [English & Humans \(6\)](#)
- Meta-analysis (0)
- Nursing Journals (0)
- Practice Guideline (0)
- Randomized Controlled Trial (0)
- Systematic Reviews (0)
- Public Health Mesh (0)

[Manage Filters](#)

New feature

Try the new Display Settings option -
Sort by Relevance

Titles with your search terms

Open Reading Frames Associated with
Cancer [Cancer Genomics Proteomics. 2014]

[See more...](#)

4 free full-text articles in PubMed Central

Uncovering the role of genomic "dark matter"
in human disease. [J Clin Invest. 2012]

Review Transcribed dark matter: meaning or
myth? [Hum Mol Genet. 2010]

Most "dark matter" transcripts are associated
with known genes. [PLoS Biol. 2010]

[See all \(4\)...](#)

NCBI Resources How To Sign in to NCBI

PubMed.gov PubMed Search Help

US National Library of Medicine National Institutes of Health

PubMed PubMed Commons

PubMed comprises more than 24 million citations for biomedical literature from MEDLINE, life science journals, and online books.

Click **Training & Tutorials** for hands-on learning.

You are here: NCBI > Literature & Information > PubMed Write to the Help Desk

GETTING START NCBI Education NCBI Help Manual NCBI Handbook Training & Tutorials	RESOURCES Chemicals & Bioassays Data & Software DNA & RNA Domains & Structures Genes & Expression Genetics & Medicine Genomes & Maps Homology Literature Proteins Sequence Analysis Taxonomy Training & Tutorials Variation	POPULAR PubMed Bookshelf PubMed Central PubMed Health BLAST Nucleotide Genome SNP Gene Protein PubChem	FEATURED Genetic Testing Registry PubMed Health GenBank Reference Sequences Gene Expression Omnibus Map Viewer Human Genome Mouse Genome Influenza Virus Primer-BLAST Sequence Read Archive	NCBI INFORMATION About NCBI Research at NCBI NCBI News NCBI FTP Site NCBI on Facebook NCBI on Twitter NCBI on YouTube
--	--	--	---	---

Copyright | Disclaimer | Privacy | Browsers | Accessibility | Contact
National Center for Biotechnology Information, U.S. National Library of Medicine
8600 Rockville Pike, Bethesda MD, 20894 USA

