



Pub Med

Use and Share



Pub Med Overview

See in Wikipedia at [https://
en.wikipedia.org/wiki/PubMed](https://en.wikipedia.org/wiki/PubMed)

Pub Med Overview

- **PubMed** is a free search engine accessing primarily the **MEDLINE database** of references and abstracts on life sciences and biomedical topics. The **United States National Library of Medicine (NLM)** at the **National Institutes of Health** maintains the database as part of the **Entrez** system of information retrieval.


Pub Med Overview

- From 1971 to 1997, MEDLINE online access to the [MEDLARS Online](#) computerized database primarily had been through institutional facilities, such as [university libraries](#).
- PubMed, first released in January 1996, ushered in the era of private, free, home- and office-based MEDLINE searching.[\[1\]](#)

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

PubMed

Advanced [Help](#)



PubMed

PubMed comprises more than 27 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.

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

Latest Literature	Trending Articles	PubMed Commons
<p>New articles from highly accessed journals</p> <p>Blood (2)</p> <p>Cancer Res (4)</p> <p>Circulation (1)</p> <p>Drugs (1)</p> <p>J Biol Chem (5)</p> <p>J Clin Endocrinol Metab (6)</p> <p>J Immunol (5)</p> <p>J Neurosci (2)</p> <p>Lancet (5)</p> <p>Proc Natl Acad Sci U S A (2)</p> <p>Try PubMed Journals, our new experimental feature for following journals of interest to you.</p> <p>PubMed Journals</p>	<p>PubMed records with recent increases in activity</p> <p>How to become a Bayesian in eight easy steps: An annotated reading list. Psychon Bull Rev. 2017.</p> <p>Nuts and Dried Fruits: An Update of Their Beneficial Effects on Type 2 Diabetes. Nutrients. 2017.</p> <p>Electron cryo-microscopy structure of the mechanotransduction channel NOMPC. Nature. 2017.</p> <p>Health, Wealth, and the U.S. Senate. N Engl J Med. 2017.</p> <p>De Novo Epigenetic Programs Inhibit PD-1 Blockade-Mediated T Cell Rejuvenation. Cell. 2017.</p> <p>See more</p>	<p>Featured comments</p> <p>Selectivity check? Author S Casola replies to @woodgett on contribution of GSK3-alpha in targeting GSK3-beta. bit.ly/2trABAh Jun 30</p> <p>Building libraries for CRISPR screening: Author @zhangf expands on design considerations & applications. bit.ly/2sF5red Jun 29</p> <p>Connecting report & repository: Author C Trolle posts link to DNA methylation data from study of Turner syndrome. bit.ly/2sB6lmk Jun 28</p> <p>Consistency in results: @kaymtye comments on dopamine dynamics in social behavior across 2 studies. bit.ly/2somErB Jun 27</p> <p>Collecting structures: @cdsouthan links to database identifiers for chemical entities in antimalarial screen. bit.ly/2s9AP3C Jun 26</p> <p>See more</p>

Home of Pub Med

See <https://www.ncbi.nlm.nih.gov/pubmed/>

Home - PubMed - NCBI

PubMed® Online Training

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PubMed® Online Training

New

- Automate PubMed Searches & Save Citation Collections with My NCBI**
 Would you like to have new PubMed citations for your topic of interest conveniently appear in your email inbox or quickly collect those records for further review? In this webinar at 12PM ET on Wednesday, Jul 19, 2017, you will learn how to have your PubMed searches automatically run and the results emailed to you daily, weekly or monthly. You will also learn how to create PubMed collections that you can share with others or keep privately for yourself.

Expand All Collapse All

Tutorials 4 resources

Title	Date	Runtime	Format
PubMed Tutorial (Our comprehensive tutorial on PubMed scope, content and features, including an in-depth explanation of PubMed Automatic Term Mapping (ATM).)	May 2017		HTML/Tutorial Source Page
PubMed for Nurses (This tutorial was created specifically to help nurses efficiently find literature using PubMed. Its concise, targeted content consists of five videos with exercises to test your knowledge. The tutorial was designed to be completed in less than 30 minutes.)	October 2015		HTML/Web Tutorial
Searching Drugs or Chemicals in PubMed (Learn to efficiently and effectively search substances in PubMed)	March 2017		HTML/Web Page
The Basics of Medical Subject Headings (MeSH®) in MEDLINE®/PubMed®: A Tutorial (An exploration of how Medical Subject Headings (MeSH) are used for indexing MEDLINE records in PubMed. This tutorial is intended for PubMed searchers.)	March 2017		HTML/Web Tutorial

Quick Tours 33 resources

Searching PubMed 12 resources

Title	Date	Runtime	Format
Advanced Search Builder	December 2011	2 min.	Flash Video/Video Tutorial
PubMed Simple Subject Search	March 2013	1 min.	Flash Video/Quick Tour
PubMed Simple Subject Search: How It Works	May 2013	1 min.	Flash Video/Quick Tour
PubMed: The Filters Sidebar	December 2012	2 min.	Flash Video/Video Tutorial
Retrieving Citations from a Journal Issue	January 2013	1 min.	Flash Video/Video Tutorial
Search for Citations Linked to Patient Summaries	April 2016	3 min.	MP4 Video/Quick Tour
Search for a Journal	January 2013	2 min.	Flash Video/Quick Tour
Searching PubMed by Author	May 2013	2 min.	Flash Video/Quick Tour
Searching PubMed by Author and Subject	May 2013	1 min.	Flash Video/Quick Tour
Searching for Journals in the NLM Catalog	June 2013	2 min.	Flash Video/Quick Tour
Use MeSH to Build a Better PubMed Query	February 2013	3 min.	Flash Video/YouTube Video
What do the Dates in MeSH Mean?	April 2016	2 min.	MP4 Video/Quick Tour

Pub Med Training

See <https://learn.nlm.nih.gov/rest/training-packets/T0042010P.html>

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- Navigating PubMed
- Quiz

 Understanding the Vocabulary

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 - Managing the Results
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PubMed Tutorial

Introduction


PubMed is a free resource that provides access to MEDLINE, the National Library of Medicine database of citations and abstracts in the fields of medicine, nursing, dentistry, veterinary medicine, health care systems, and preclinical sciences.

Goals and Objectives

By the end of this course, you should be able to:

- Understand PubMed's scope and content.
- Understand how the Medical Subject Headings (MeSH) are used to describe and retrieve citations.
- Build a search using MeSH and PubMed search tools.
- Manage your results and save records of interest.
- Save your search strategies.
- Link to or order full-text articles.
- Link to related resources.

If you're new to PubMed, we recommend that you go through the modules in order. Experienced users should visit and revisit individual modules as needed.

For brief tutorials on specific topics, see also the [PubMed Quick Tours](#) . See also [PubMed Help](#) for detailed instructions on specific PubMed features.

To see a list of recent PubMed changes, go to PubMed's [New/Noteworthy](#).

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USA.gov

Last reviewed: 25 August 2016
 Last updated: 25 August 2016
 First published: 21 October 2013

Pub Med Tutorial

See <https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/cover.html>

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PubMed Overview

- NLM has been indexing the biomedical literature since 1879, to help provide health professionals access to information necessary for research, health care, and education.
- What was once a printed index to articles, the *Index Medicus*, became a database now known as MEDLINE. MEDLINE contains journal citations and abstracts for biomedical literature from around the world.
- Since 1996, free access to MEDLINE has been available to the public online via PubMed.



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Last reviewed: 20 March 2017
 Last updated: 26 August 2016
 First published: 01 March 2001

Pub Med Overview

See https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/010_050.html

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What's in PubMed?

- More than 27 million records representing articles in the biomedical literature and a small selection of items from the NCBI Books database.
- Most PubMed records are MEDLINE citations.
- Other records include those in different stages of processing (including records provided directly from the journal publisher) but destined to be MEDLINE citations.
- A relatively small number of records that are included in PubMed but not selected for MEDLINE.

PubMed does not contain full-text articles.

Category	Percentage
MEDLINE	89%
Other	7%
"Future MEDLINE"	4%

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Last reviewed: 26 August 2016
Last updated: 20 March 2017
First published: 01 March 2001

What's In Pub Med

See https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/010_070.html

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Navigating PubMed

PubMed's home page displays:

Search features:

- a database selection menu, where you can choose between PubMed and other NCBI databases [Show Me](#) (the last four databases you searched will appear at the top)

- a search box where you enter your terms [Show Me](#)

- a link to the Advanced search, where you can construct a tailored search [Show Me](#)

- guided searches and query tools ([PubMed Tools](#)) [Show Me](#)

Assistance with PubMed:

- a link to PubMed Help [Show Me](#)

- links to specific sections of Help, the FAQ and PubMed Tutorials ([Using PubMed](#)) [Show Me](#)

Links to related databases (More Resources) [Show Me](#)

Customization options (My NCBI) [Show Me](#)

News [Show Me](#)



Navigating Pub Med

See https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/010_180.html

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Building the Search

In this module, you will learn how to use PubMed to conduct a search. By the end of this module, you should be able to:

- Understand how PubMed translates basic searches.
- Use Filters to narrow your search.
- Understand and use Boolean operators.
- Use PubMed search tools and related databases to construct a search.
- Build your own search using search field tags.

Throughout this module, you will have an opportunity to test your understanding of what has been presented.

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Last reviewed: 23 March 2017
 Last updated: 11 September 2013
 First published: 01 March 2001

Building the Search in Pub Med

See https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/020_010.html

Pub Med FAQs

See <https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.FAQs>



Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

Pub Med FAQs


See <https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.FAQs>

Gmail Google Facebook Highlands Weather Pointe Weather About Us Margaret's Files Jon's Files Museum of Flight Tools & Reference Travel & Transp News Entertainment Apple

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PubMed Help

Last Update: May 25, 2017.

You  [Tutorials](#)

PubMed [comprises](#) over 26 million citations for biomedical literature from [MEDLINE](#), life science journals, and online books. PubMed citations and abstracts include the fields of biomedicine and health, covering portions of the life sciences, behavioral sciences, chemical sciences, and bioengineering. PubMed also provides access to additional relevant web sites and links to the other NCBI molecular biology resources.

PubMed is a free resource that is developed and maintained by the National Center for Biotechnology Information ([NCBI](#)), at the U.S. National Library of Medicine ([NLM](#)), located at the National Institutes of Health ([NIH](#)).

Publishers of journals can [submit](#) their citations to NCBI and then provide access to the full-text of articles at journal web sites using [LinkOut](#).

For a brief overview of searching PubMed, see the [Quick Start](#) section.

FAQs

Go to:

- How can I get the [full-text article](#)? [You Tube Tutorial](#)
- How do I find consumer health information about a [disease or condition](#)?
- How can I export citations to my [citation management software](#) program?
- How do I [create a link](#) to PubMed?
- What can I do about [system error messages](#) or [typographical errors](#)?
- Why is the link to the full-text [not working](#)?
- How can I save my search and receive an automatic [email update](#)?

Cite this Page

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PDF version of this title (2.1M)

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Other titles in this collection


[NCBI Help Manual](#)

Pub Med Help

See <https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.FAQs>

Section Contents

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- How do I search by [journal name](#)?
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- I retrieved too many citations. How can I [focus](#) my search?
- I retrieved too few citations. How can I [expand](#) my search?
- I'm not finding what I need. How does a PubMed [search work](#)?
- Is there a guide to [NLM resources](#) for MEDLINE/PubMed?
- I need further [assistance and training](#).

How do I search PubMed? 

1. Identify the key concepts for your search.
2. Enter the terms (or key concepts) in the search box.
3. Suggestions will display as you type your search terms. Click Turn off to temporarily disable the autocomplete feature. The autocomplete feature is based on PubMed query log analysis described in "[Finding Query Suggestions for PubMed](#)."
4. Click Search. Click [here](#) to run this search in PubMed.

Example

What role does pain have in sleep disorders?

The key concepts are:

Pain

sleep disorders

Pub Med Quick Start

See <https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.FAQs>
(scroll down)

PubMed Tutorial

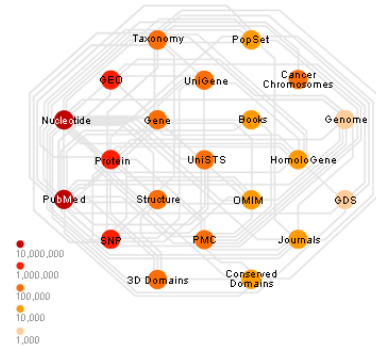
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Beyond PubMed

You have already learned about some of PubMed's extensive use of links, for example, the [Related Citations](#) feature and for [LinkOut](#). This section discusses the links from PubMed that take you to other NCBI resources.



Beyond Pub Med

See https://www.nlm.nih.gov/bsd/disted/pubmedtutorial/060_010.html

Additional Research Resources

See [http://www.dhed.net/
DHLinks.html](http://www.dhed.net/DHLinks.html)

RESEARCH SITES FOR DENTAL HYGIENISTS

EVIDENCE-BASED PRACTICE BASIC

INFO

Agency for Health Care & Quality

Centers for Disease Control and Prevention

ADHA Public Health

Catalog of Surveys & Archive of Procedures
Related to Oral Health

Clinical Research Dental

ClinicalTrials.gov: Tooth Diseases

Cochrane Collaboration - Cochrane Reviews

DHNet: National Center for Dental Hygiene
Research

Elementary Concepts in Statistics

ERIC - Assessment & Evaluation & Research

Evidence-Based Dentistry (ADA)

Health on the Net Foundation's Code of
Conduct (HON code)

HIVdent

How to read a Paper (*BMJ*)

Hyperstat Online Research Textbook

Indian Health Services

International Association for Dental Research

Little Handbook of Statistical Practice

Maternal and Child Health Bureau

MEDLINE Search

(Subsets Searched: Abridged Index

Medicus: jsubsetsa Dental; jsubsetsd Nursing;

jsubsetsn. For example: neoplasms AND

jsubsetsd. To search for citations with

abstracts use the value hasabstract, e.g.:

neoplasms AND hasabstract.)

National Coalition for Health Professional

Education in Genetics

National Guideline Clearinghouse

National Institute on Aging

National Institute of Dental & Craniofacial

Research

Statistics at Square One

Summer Institute of Clinical Research

Methods

DH Links

See <http://www.dhed.net/DHLinks.html>

PROFESSIONAL EDUCATION PATIENT EDUCATION RESEARCH PRACTICE MANAGEMENT PRODUCTS

Home > Professional Education > Dental Continuing Education Courses > Course Number: 340

PROFESSIONAL EDUCATION

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WHAT'S NEW IN CE

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YOUR COURSES & ACTIVITIES

FACULTY RESOURCES

STUDENT RESOURCES


DENTAL ASSISTANT RESOURCES

CASE STUDIES

CASE CHALLENGES

FIND YOUR FIT - P&G CAREERS

Strategies for Searching the Literature Using PubMed



Course Author(s): [Jane L. Forrest, EdD, BSDH](#); [Syrene A. Miller, BA](#)

CE Credits: 3 Hour(s)

Intended Audience: Dentists, Dental Hygienists, Dental Assistants, Dental Students, Dental Hygiene Students, Dental Assistant Students

Date Course Online: 04/13/2009

Last Revision Date: 04/07/2014

Course Expiration Date: 10/06/2017

Cost: Free

Method: Self-instructional

AGD Subject Code(s): 130

Introduction

This continuing education course is a follow up to the course, *Evidence-Based Decision Making: Introduction and Formulating Good Clinical Questions*.¹ The primary learning objectives for this course are to increase your skills in conducting an efficient computerized search using PubMed to answer a specific clinical question, the second step of the Evidence-based process.

Conflict of Interest Disclosure Statement

- Jane Forrest has done consulting work for P&G.
- Ms. Miller reports no conflicts of interest associated with this work.

Disclaimer: Participants must always be aware of the hazards of using limited knowledge in integrating new techniques or procedures into their practice. Only sound evidence-based dentistry should be used in patient therapy.

Note: Registration is required to take test.

Educators only! Use this feature to create assignments for your students.

[CREATE ASSIGNMENT](#)

[SHARE](#) [DOWNLOAD PDF](#) [TAKE COURSE NOW](#)

Free CE Course

See <https://www.dentalcare.com/en-us/professional-education/ce-courses/ce340>

*** Includes PubMed Clinical Queries in Action with Case Scenarios and Assignments for Student DHs!!!



Enjoy from Margaret J. Fehrenbach, RDH, MS

Use and Share!!!