



An Introduction to PubMed

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[What is PubMed?]

- PubMed is one of several databases in the Entrez Retrieval System
- PubMed provides access to MEDLINE
- Updated daily

Developed by the National Center for Biotechnology Information at NLM. PubMed provides links to the integrated molecular biology databases maintained by NCBI.

[What is MEDLINE?]

- NLM's premier database
- 12+ million bibliographic citations
 - all aspects of medicine
 - 85% are in English
 - 76% have abstracts
- 4,600 biomedical journals are indexed

[PubMed at <http://pubmed.gov>]

- Available from the National Library of Medicine's homepage
 - <http://www.nlm.nih.gov>
- Bookmark it!

Searching...

Entrez-PubMed - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address <http://www.ncbi.nlm.gov/entrez/query.fcgi> Go Links

NCBI PubMed National Library of Medicine NLM

PubMed Nucleotide Protein Genome Structure PopSet Taxonomy OMIM Books

Search PubMed for long term care Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database

Enter one or more search terms, or click [Preview/Index](#) for advanced searching.
Enter [author names](#) as smith jc. Initials are optional.
Enter [journal titles](#) in full or as MEDLINE abbreviations. Use the [Journals Database](#) to find journal titles.

PubMed, a service of the National Library of Medicine, provides access to over 12 million MEDLINE citations back to the mid-1960's and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.

Internet

Enter terms, e.g., **long term care**, in query box and click **Go**.

Navigating Your Results

- Use the **Summary** pull-down menu to change display format and click **Display**.
- Can **Save, Print, Order Documents** and more.

- Click author's name to view details, e.g., abstract.
- Use checkboxes to select multiple citations to view at once and click **Display**.

Citation with an Abstract

The screenshot shows the Entrez PubMed interface in a Microsoft Internet Explorer browser window. The address bar contains the URL: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=12386605&dopt=Abstract. The page header includes the NCBI logo, the PubMed logo, and the National Library of Medicine (NLM) logo. Below the header is a navigation bar with tabs for PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Books. A search bar is present with a dropdown menu set to 'PubMed' and a 'Go' button. Below the search bar are links for Limits, Preview/Index, History, Clipboard, and Details. The main content area displays a citation: **1: Geriatr Nurs 2002 Sep-Oct;23(5):272-5**, with a link to [Geriatr Nurs](#) and a link for [Related Articles, Links](#). The article title is **Culturally competent care for Latino elders in long-term care settings.** The authors are **Gorek B, Martin J, White N, Peters D, Hummel F.** The location is **United Medical Center in Cheyenne, Wy.** The abstract text reads:

The decision to place a family member in a long-term care (LTC) facility results in a variety of experiences for families. The experience of Latino families can be particularly problematic for the different relatives involved in the process. Placing a loved one in an LTC facility goes against cultural norms for Hispanic families that can lead to problems for both the family and the facility staff. Information about the cultural norms that are violated along with ways that the care providers and administrative staff can make adjustments in the environment to assist these residents will improve outcomes and meet the needs of diverse health care consumers.

Ways to Refine Your Search

- Add additional terms to query box
- Use Boolean Connectors
 - AND, OR, NOT
 - Capitalize Boolean operators!

Articles about Long Term Care and Medicare

Click in query box to add terms, e.g., *medicare*, and click **Go**.

Search PubMed for long term care medicare

Display Summary Sort Save Text Clip Add Order

Show: 20 Items 1-20 of 947 Page 1 of 48 Select page: 1 2 3 4 5 6 7 8 9 10 »

1: [Cagney KA, Agree EM.](#) [Related Articles, Links](#)
Racial differences in skilled nursing care and home health use: the mediating effects of family structure and social class.
J Gerontol B Psychol Sci Soc Sci. 1999 Jul;54(4):S223-36.

2: [\[No authors listed\]](#) [Related Articles, Links](#)
Medicare and Medicaid programs; conditions of participation: immunization standards for hospitals, long-term care facilities, and home health agencies. Final rule with comment period.
Fed Regist. 2002 Oct 2;67(191):61808-14.
PMID: 12361062 [PubMed - indexed for MEDLINE]

A Search using Boolean Operators

Entrez-PubMed - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://www.ncbi.nlm.nih.gov/entrez/

NCBI

PubMed Nucleotide Protein Genome Structure PopSet Taxonomy

Search PubMed for long term care AND (medicare OR medicaid) Go Clear

Limits Preview/Index History Clipboard

Display Summary Sort Save Text Clip Add

Show: 20 Items 1-20 of 1384 Page 1 of 70 Select page: 1 2 3 4 5 6 7 8

1: [Cagney KA, Agree EM.](#) Related Article

Racial differences in skilled nursing care and home health use: the med effects of family structure and social class.

J Gerontol B Psychol Sci Soc Sci. 1999 Jul;54(4):S223-36.

Retrieves citations to articles discussing **Long Term Care and Medicare or Long Term Care and Medicaid.**

[Ways to Refine Your Search]

- **Limits pull-down menu**
 - Limits include:
 - Dates, Publication Type, Gender, Age, Language, Subsets...

Limits Pull-Down Menu

Entrez-PubMed - Microsoft Internet Explorer

Address: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=Limits&DB=PubMed>

NCBI PubMed National Library of Medicine NLM

Search PubMed for long term care economic trends Go Clear

Limits Preview/Index History Clipboard Details

- Use All Fields pull-down menu to specify a field.
- Boolean operators AND, OR, NOT must be in upper case.
- If search fields tags are used enclose in square brackets, e.g., rubella [ti].
- Search [limits](#) may exclude in process and publisher supplied citations.

Limited to:

All Fields only items with abstracts

Review English Subsets

Ages Human or Animal Gender

Entrez Date

Publication Date From [] [] [] To [] [] []

Use the format YYYY/MM/DD; month and day are optional.

Entrez PubMed

Overview Help | FAQ Tutorial News/Noteworthy E-Utilities

PubMed Services Journals Database MeSH Browser Single Citation Matcher Batch Citation Matcher Clinical Queries

<http://www.ncbi.nlm.nih.gov/>

Search Results with Limits

- Shows Limits
- Click on check box to turn-off Limits

Entrez-PubMed - Microsoft Internet Explorer

Address: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=PubMed>

PubMed National Library of Medicine NLM

Protein Genome Structure PopSet Taxonomy OMIM Books

long term care economic trends Go Clear

Limits Preview/Index History Clipboard Details

Limits: **English, Review**

Display Summary Sort Save Text Clip Add Order

Show: 20 Items 1-20 of 45 Page 1 of 3 Select page: 1 2 3

1: [Krickman JR, Snell EK.](#) Related Articles, Links

The 2030 problem: caring for aging baby boomers.
Health Serv Res. 2002 Aug;37(4):849-84. Review.
PMID: 12236388 [PubMed - indexed for MEDLINE]

[What are Related Articles?]

- Retrieve citations that are closely related
- Uses a word-weighted algorithm to create a pre-calculated set of citations
- Citations displayed in order of relevancy (not date order)

Related Articles

Entrez-PubMed - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites History

Address <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=PubMed> Go Links

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LinkOut
Cubby

Related Resources
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NLM Gateway
TOINET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Privacy Policy

1: [Knickman JR, Snell EK.](#) Related Articles, Links
The 2030 problem: caring for aging baby boomers.
Health Serv Res. 2000 Aug;37(4):849-84. Review.
PMID: 12236388 [PubMed - indexed for MEDLINE]

2: [Oldenquist GW, Scott J, Finucane TE.](#) Related Articles, Links
Home care: what a physician needs to know.
Cleve Clin J Med. 2001 May;68(5):433-40. Review.
PMID: 11352323 [PubMed - indexed for MEDLINE]

3: [Larrie WR.](#) Related Articles, Links
Infection control and changing health-care delivery systems.
Emerg Infect Dis. 2001 Mar-Apr;7(2):170-3. Review.
PMID: 11294699 [PubMed - indexed for MEDLINE]

4: [Dresler DK.](#) Related Articles, Links
Economic trends and issues related to heart transplantation.
Crit Care Nurs Clin North Am. 2000 Mar;12(1):121-50. Review.
PMID: 11051025 [PubMed - indexed for MEDLINE]

6: [Feder J, Komisar HL, Niefeld M.](#) Related Articles, Links
Long-term care in the United States: an overview.
Health Aff (Millwood). 2000 May-Jun;19(3):40-56. Review.
PMID: 10812780 [PubMed - indexed for MEDLINE]

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PMID: 10812780 [PubMed - indexed for MEDLINE]

<http://www.ncbi.nlm.nih.gov/entrez/query/static/overview.html> Internet

Related Articles Results

This is the article we clicked from

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MeSH Browser
Single Citation
Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
Cubby

1: [Feder J, Komisar HL, Niefeld M.](#)
Long-term care in the United States: an overview.
Health Aff (Millwood). 2000 May-Jun;19(3):40-56. Rev.
PMID: 10812780 [PubMed - indexed for MEDLINE]

2: [\[No authors listed\]](#)
Long-term care financing update. American Med
Ala Med. 1991 Feb;60(3):24, 26, 28. No abstract availab
PMID: 1903578 [PubMed - indexed for MEDLINE]

3: [Grassi LC.](#)
Alternatives and options for financing long-term care.
Nurs Homes Sr Citiz Care. 1988 Dec;37(6):22-8. No abstract available.
PMID: 10312845 [PubMed - indexed for MEDLINE]

Related Articles, Links

http://www.ncbi.nlm.nih.gov/Database/index.html

Tip! Use the Sort pull-down menu to change the order of display, e.g., Pub Date, and click Display.

Keep Track of the “Good Ones”

- Use **Clipboard** to store selected citations
 - Click checkboxes and then the **Clip Add** button

Entrez-PubMed - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Select+from+History&db=PubMed&query_1

Field: All Fields, Limits: English, Review

Display Summary Sort Save Text Clip Add Order

Show: 20 Items 1-20 of 45 Page 1 of 3 Select page: 1 2 3

1: [Knickman JR, Snell EK.](#) Related Articles, Links
The 2030 problem: caring for aging baby boomers.
Health Serv Res. 2002 Aug;37(4):849-84. Review.
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2: [Oldenquist GW, Scott L, Finucane TE.](#) Related Articles, Links
Home care: what a physician needs to know.
Cleve Clin J Med. 2001 May;68(5):433-40. Review.
PMID: 11352323 [PubMed - indexed for MEDLINE]

The Clipboard

Use Display options to view in **detail**, **Sort**, **Print**, **Save** or **Order** documents.

Tip! Use **Text** before printing – removes graphics.

Click here to view stored items
Note: Items lost after 1 hour of inactivity!

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Display Summary Sort Save Text
Show: 20 Items 1-7 of 7

1: [Knickman JR, Snell EK.](#)
The 2030 problem: caring for aging baby boomers.
Health Serv Res. 2002 Aug;37(4):840-84. Review.
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Cleve Clin J Med. 2001 May;68(5):433-40. Review.
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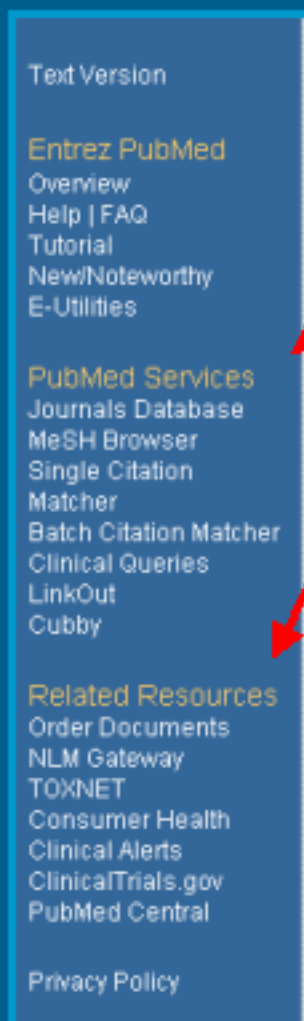
Related Articles, Links

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed

[There's More to PubMed...]

- History
 - Keeps track of searches (one-hour)
- Details
 - View how PubMed translates search terms – great for checking spelling errors.

PubMed's Sidebar



■ Link to Other PubMed Services

- Single Citation Matcher
- Clinical Queries
- Order Documents
- Cubby
- And more...

[Document Delivery]

- Select citations to order full-text copy
- Also called “Loansome Doc”
- Requires agreement with a Loansome Doc Library -- **not always free.**
 - Call RML at 1-800-338-7657
 - Or, go to <http://nnlm.gov/members/>

[The Cubby]

- Save search strategies
 - Can be updated at any time!
 - Also, store Loansome Doc preferences
 - Need to Register
 - Make up your own ID and Password, no fee!

[More...]

- PubMed's Online Help and FAQs
- PubMed Tutorial
- The NTCC <http://nnlm.gov/mar/online/>
 - Training materials
 - Class schedules