

جستجو در پایگاه اطلاعاتی

PUBMED

مدرس: مریم دالوند

PUBMED

PubMed is the free interface that provides access to the MEDLINE bibliographic database of the National Library of Medicine.

- PubMed comprises over **24 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 (**NH**).

WHAT CAN YOU DO IN PUBMED?

- Search for articles (usually abstracts)
 - By keyword
 - By author
 - By Journal, etc.
 - Combine searches
 - Link to related articles
 - Link to outside sources
 - To purchase the full article
 - Look at related books (including pages in the books)
 - Clinical queries
-

PUBMED – SEARCH OVERVIEW

- Search by keyword
 - E.g., thrombin, but you get 31,365 results
 - Use a more specific keyword
 - Like “Thrombin-JMI”, but now you only get 2 hits
 - Additional tools
 - Limits
 - Search Field Tags
 - meSH
-

PUBMED – ADDITIONAL TOOLS

- Limits
 - Age, groups, gender, type of study, etc
- Search Field tags
 - Qualify terms, used in brackets [ta]
- Boolean Statements
 - And, OR, NOT
- MESH
 - The “vocabulary” of PubMed
 - Stands for Medical Subjects Headings
 - Used for indexing biomedical literature

SIMPLE SEARCH IN PUBMED

- Identify the key concepts for your search.
 - Enter the terms (or key concepts) in the search box.
 - Click Search to run this search in PubMed.
-

EXAMPLE

- Query:
 - What role does pain have in sleep disorders?
 - The key concepts are:
 - Pain
 - sleep disorders
-

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http://www.ncbi.nlm.nih.gov/pubmed?term=pain sleep disorders

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Species
Humans
Other Animals

Clear all
Show additional filters

Results: 1 to 20 of 5192 << First < Prev Page 1 of 260 Next > Last >>

★ Did you mean: [main sleep disorders](#) (3111 items)

☐ [Menstrual-Cycle and Menstruation Disorders in Episodic vs Chronic Migraine: An Exploratory Study.](#)
1. Spierings EL, Padamsee A.
Pain Med. 2015 Apr 30. doi: 10.1111/pme.12788. [Epub ahead of print]
PMID: 25930018
[Related citations](#)

☐ [Transcranial Magnetic Stimulation \(TMS\) of the Brain: Guidelines for Pain Treatment Research.](#)
2. Klein MM, Treister R, Raji T, Pascual-Leone A, Park L, Nurmikko T, Lenz F, Lefaucheur JP, Lang M, Hallett M, Fox M, Cudkowicz M, Costello A, Carr DB, Ayache SS, Oaklander AL.
Pain. 2015 Apr 25. [Epub ahead of print]
PMID: 25919472
[Related citations](#)

☐ [Comorbid Conditions Do Not Differ in Children and Young Adults with Functional Disorders with or without Postural Tachycardia Syndrome.](#)
3. Chelmsky G, Kovacic K, Nugent M, Mueller A, Simpson P, Chelmsky TC.
J Pediatr. 2015 Apr 24. pii: S0022-3476(15)00340-6. doi: 10.1016/j.jpeds.2015.03.039. [Epub ahead of print]
PMID: 25917768
[Related citations](#)

☐ [Microbiota regulation of the Mammalian out-brain axis.](#)

x Find: clinical q Next Previous Highlight all Match case

09:08 ٢٠١٥/٠٥/٠٥

HOW DO I SEARCH BY AUTHOR?

- Enter the **author's last name** plus **initials without punctuation** in the search box, and then click Search. Names entered using either the lastname+initials format (e.g., smith ja) **or the full name format** (john a smith) and no search tag are searched as authors as well as collaborators if they exist in PubMed.

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http://www.ncbi.nlm.nih.gov/pubmed/?term=golalipour

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RSS Save search Advanced Help

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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

Results: 1 to 20 of 54 << First < Prev Page 1 of 3 Next > Last >>

- ☐ [Ethnical variations in the incidence of congenital heart defects in gorgan, northern iran: a single-center study.](#)

Nikyar B, Sedehi M, Qorbani M, Nikyar A, **Golalipour MJ.**
J Tehran Heart Cent. 2014 Jan 12;9(1):9-14.
PMID: 25561964 **Free PMC Article**
[Related citations](#)
- ☐ [Neonatal and prenatal causes of death in Gorgan-North of Iran.](#)

Mirfazeli A, Sedehi M, **Golalipour MJ.**
Med J Islam Repub Iran. 2014 Jun 11;28:43. eCollection 2014.
PMID: 25405109 **Free PMC Article**
[Related citations](#)
- ☐ [Reduction in non syndromic oral clefts following mandatory flour fortification with folic acid in Northern Iran.](#)

Golalipour MJ, Vakili MA, Kaviani N.
Med J Islam Repub Iran. 2014 May 7;28:29. eCollection 2014.
PMID: 25250270 **Free PMC Article**
[Related citations](#)
- ☐ [The effect of MDMA-induced anxiety on neuronal apoptosis in adult male rats' hippocampus.](#)

Karimi S, Jahanshahi M, **Golalipour MJ.**
Folia Biol (Praha). 2014;60(4):187-91.

http://www.ncbi.nlm.nih.gov/pubmed/?term=golalipour#

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09:12 ق.ظ ۲۰۱۵/۰۵/۰۵

EXAMPLE

- To search for citations to articles written by Mohammad Jafar Golalipour about “oral clefts” enter the following search terms into the search box:
- Golalipour MJ AND oral clefts

Firefox | NCBI Sign In Page | PubMed Help - PubMed... | PubMed Help - PubMed... | Ghalipour MJ AND oral ... | Reduction in non syndro... | Google Translate

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Results: 4

☐ [Reduction in non syndromic oral clefts following mandatory flour fortification with folic acid in Northern Iran.](#)
Ghalipour MJ, Vakili MA, Kaviani N.
 Med J Islam Repub Iran. 2014 May 7;28:29. eCollection 2014.
 PMID: 25250270 **Free PMC Article**
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☐ [Incidence of cleft lip and palate in gorgan - northern iran: an epidemiological study.](#)
 2. Mirfazeli A, Kaviany N, Hosseinpour KR, **Ghalipour MJ**.
 Oman Med J. 2012 Nov;27(6):461-4. doi: 10.5001/omj.2012.110.
 PMID: 23226815 **Free PMC Article**
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☐ [Maternal risk factors for oral clefts: a case-control study.](#)
 3. **Ghalipour MJ**, Kaviany N, Qorbani M, Mobasheri E.
 Iran J Otorhinolaryngol. 2012 Fall;24(69):187-92.
 PMID: 24303408 **Free PMC Article**
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☐ [Birth prevalence of oral clefting in northern Iran.](#)
 4. **Ghalipour MJ**, Mirfazeli A, Behnampour N.
 Cleft Palate Craniofac J. 2007 Jul;44(4):378-80.
 PMID: 17608544
[Related citations](#)

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ANATOMY OF THE SUMMARY RESULTS

- ❑ Policy Issues in the Development and Adoption of Biomarkers for Molecularly Targeted Cancer Therapies: Workshop Summary.
1. National Cancer Policy Forum, Board on Health Care Services, Institute of Medicine.
Washington (DC): National Academies Press (US); 2015.
PMID: 25855848 [Free Books & Documents](#)
[Similar articles](#)

title

journal title abbreviation

authors
- ❑ Four-wave mixing experiments with extreme ultraviolet transient gratings.
2. Bencivenga F, Cucini R, Capotondi F, Battistoni A, Mincigrucci R, Giangrisostomi E, Gessini A, Manfreda M, Nikolov IP, Pedersoli E, Principi E, Svetina C, Parisse P, Casolari F, Danailov MB, Kiskinova M, Masciovecchio C. Nature. 2015 Apr 9;520(7546):205-8. doi: 10.1038/nature14341.
PMID: 25855456
[Similar articles](#)

volume & issue

e-pagination
- ❑ Molecular imaging of angiogenesis after myocardial infarction by (111)In-DTPA-cNGR and (99m)Tc-sestamibi dual-isotope myocardial SPECT.
3. Hendrikx G, De Saint-Hubert M, Dijkgraaf I, Bauwens M, Douma K, Wiers R, Pooters I, Van den Akker NM, Hackeng TM, Post MJ, Mottaghy FM. EJNMMI Res. 2015 Jan 28;5:2. doi: 10.1186/s13550-015-0081-7. eCollection 2015.
PMID: 25853008 [Free PMC Article](#)
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publication date

ADVANCED SEARCH

Use the Advanced search **Builder** to search for terms in a specific search field.

- To search by **author**, select Author from the All Fields menu, and then enter an author's name, the name will automatically display in the search box. The author search box includes an autocomplete feature.
- To search by **journal**, select Journal from the All Fields menu, enter a journal name; the journal search box also includes an autocomplete feature.

- To search **for other fields in a citation**, use the pull-down menus to select a field before entering a term in the search builder box.
- Terms entered in the builder are automatically added to the search box.
- Note that the **default Boolean operator is AND**; if desired, choose OR or NOT from the pull-down menu.

BROWSING THE INDEX OF TERMS

The Advanced search builder **Show index list** provides **an alphabetical display of all terms** in each PubMed search field. You can browse by all fields or within a specific field such as MeSH Subheadings.

- 1. Click **Advanced** and use the **Builder** to select a search field from the All Fields menu.
- 2. Enter a term in the search box, and then click **Show index list**.

- 3.The index displays an alphabetic list of search terms and the number of citations for each term. Click Previous or Next to move within the index.
- 4.Scroll until you find a term and then highlight it to add it to the search box.

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Builder

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 golalic (2)
 golalic e (2)
 golalikhani (2)
 golalikhani m (2)
 golalipoor (1)
 golalipoor m (1)
 golalipoor (54)
 golalipoor m (54)

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[Next 200](#)
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Search	Add to builder	Query	Items found	Time
#21	Add	Search aromatherapy[mh]	569	01:38:07
#24	Add	Search ((aromatherapy[mh]) AND aromatherapy[mh]) AND (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh]) Schema: all	0	01:37:54
#22	Add	Search ((aromatherapy[mh]) AND aromatherapy[mh]) AND (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh])	0	01:37:53
		ed Immunodeficiency Syndrome/prevention and control"[Mesh]	13055	00:40:03

[www.ncbi.nlm.nih.gov/pubmed/advanced#](#)

EN 11:44 ۳ ۲۰۱۵/۱۲/۰

HISTORY

Use the **Add to history** link in advanced search to display the items found before displaying the search results:

- 1. Click **Advanced**.
- 2. Use the **builder** to add search terms to the search box.
- 3. Click **Add to history** to display the number of results in history.
- 4. To display the citations, click the history **Items found** link.

COMBINING SEARCHES USING HISTORY

- Searches can be combined or used in subsequent searches using the search number from Advanced search **History**.
- 1.Click **Advanced**.
- 2.In **History**, click **Add** to move the search to the Builder.
- 3.Alternatively, click the search number to display additional options to add the search to the Builder, including Boolean operators OR or NOT. Other menu options include:

- Delete from history
- Show search results
- Show search details
- Save in My NCBI
- 4.Add additional search terms in the builder.
- 5.Click Search.

MORE INFORMATION ABOUT THE HISTORY:

- The history will be lost **after 8 hours** of inactivity on the NCBI web site.
- Click Clear history to delete all searches from history.
- Click “**Download history**” to generate a CSV file. Please note that Microsoft Excel is typically unable to display or print more than a maximum of 1024 characters in a cell; therefore, you may want to open the CSV file with a text editor to display your complete searches.

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PubMed Advanced Search Builder

YouTube Tutorial

Use the builder below to create your search

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Builder

All Fields [v] [] [Show index list](#)

AND [v] All Fields [v] [] [Show index list](#)

[Search](#) or [Add to history](#)

History

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

Search	Add to builder	Query	Items found	Time
#25	Add	Search golalipour[Author]	54	03:18:00
#21	Add	Search aromatherapy[mh]	569	01:38:07
#24	Add	Search ((aromatherapy[mh]) AND aromatherapy[mh]) AND (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh]) Schema: all	0	01:37:54
#22	Add	Search ((aromatherapy[mh]) AND aromatherapy[mh]) AND (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh])	0	01:37:53
#18	Add	Search ("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh]	13055	00:40:03
#15	Add	Search (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh]) AND "Genetics"	0	00:39:20
#17	Add	Search (("Acquired Immunodeficiency Syndrome/prevention and control"[Mesh]) AND "Genetics"	0	00:39:20

Taskbar: Windows 7 icons, system clock 12:12, 2010/12/0

CLINICAL QUERIES

- From the Clinical Queries page you can search by a clinical study category, find systematic reviews and run medical genetics searches.

CLINICAL STUDY CATEGORY

- The clinical study categories use built-in search filters that will limit retrieval to citations to articles reporting research conducted with specific methodologies, including those that report applied clinical research. To find citations for a specific clinical study category:
- 1. Click **Clinical Queries** from the PubMed homepage or from the advanced search more resources menu.
- 2. Enter your search terms in the search box, and then click search.
- 3. You may then change the category or scope, if desired.



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Clinical Study Categories

This column displays citations filtered to a specific clinical study category and scope. These search filters were developed by [Haynes RB et al](#). See more [filter information](#).

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aids 🔍 Search

Clinical Study Categories

Scope: Broad ▾

Systematic Reviews

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Results: 5 of 60902

Intratumoral injection of IFN-alpha dendritic cells after dacarbazine activates anti-tumor immunity: results from a phase I trial in advanced melanoma.

Rozera C, Cappellini GA, D'Agostino G, Santodonato L, Castiello L, Urbani F, Macchia I, Aricò E, Casorelli I, Sestili P, et al.

J Transl Med. 2015 May 2; 13(1):139. Epub 2015 May 2.

Topical antifungals for seborrhoeic dermatitis.

Okokon EO, Verbeek JH, Ruotsalainen JH, Ojo OA, Bakhoya VN.

Cochrane Database Syst Rev. 2015 May 2; 5:CD008138. Epub 2015 May 2.

Women-centred interventions to increase vaginal birth after caesarean section (VBAC): A systematic review.

Nilsson C, Lundgren I, Smith V, Vehviläinen-Julkunen K, Nicoletti J, Devane D, Bernhoefer A, van Limbeek E, Lalor J, Begley C.

Midwifery. 2015 Apr 15; . Epub 2015 Apr 15.

Characteristics Associated with HIV Drug Resistance Among Women Screening for an HIV Prevention Trial in KwaZulu-

Results: 5 of 3532

Topical antifungals for seborrhoeic dermatitis.

Okokon EO, Verbeek JH, Ruotsalainen JH, Ojo OA, Bakhoya VN.

Cochrane Database Syst Rev. 2015 May 2; 5:CD008138. Epub 2015 May 2.

Women-centred interventions to increase vaginal birth after caesarean section (VBAC): A systematic review.

Nilsson C, Lundgren I, Smith V, Vehviläinen-Julkunen K, Nicoletti J, Devane D, Bernhoefer A, van Limbeek E, Lalor J, Begley C.

Midwifery. 2015 Apr 15; . Epub 2015 Apr 15.

Factors associated with HIV counseling and testing behavior among undergraduates of universities and vocational technical training schools in Tbilisi, Georgia.

Djibuti M, Zurashvili T, Kasrashvili T, Berg CJ.

BMC Public Health. 2015 Apr 28; 15(1):427. Epub 2015 Apr 28.

Workforce interventions to improve access to emergency contraception pills: a systematic review of current evidence in low- and middle-income countries and recommendations for

Results: 5 of 23863

The 13th International Workshops on Opportunistic Protists (IWOP13).

Calderon EJ, Cushion MT, Xiao L, Lorenzo-Morales J, Matos O, Kaneshiro ES, Weiss LM.

J Eukaryot Microbiol. 2015 Apr 29; . Epub 2015 Apr 29.

An association study of four candidate loci for human male fertility traits with male infertility.

Sato Y, Tajima A, Tsunematsu K, Nozawa S, Yoshiike M, Koh E, Kanaya J, Namiki M, Matsumiya K, Tsujimura A, et al.

Hum Reprod. 2015 Apr 23; . Epub 2015 Apr 23.

Lack of replication of four candidate SNPs implicated in human male fertility traits: a large-scale population-based study.

Sato Y, Tajima A, Tsunematsu K, Nozawa S, Yoshiike M, Koh E, Kanaya J, Namiki M, Matsumiya K, Tsujimura A, et al.

Hum Reprod. 2015 Apr 23; . Epub 2015 Apr 23.

Novel Neuroimaging Methods to Understand How HIV Affects the Brain.

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SINGLE CITATION MATCHER

- **How do I find a specific citation? I have some information such as the author, journal name and the year the article was published**

- Enter the information in the search box and the PubMed citation sensor will automatically analyze the search for citation information.
- Alternatively, use the Single Citation Matcher to find citations with a fill-in-the-blank format:
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- Example:

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Iran Red Crescent Med J. 2014 Jun;16(6):e7940. doi: 10.5812/ircmj.7940. Epub 2014 Jun 5.

Risk factors of neural tube defects in northern iran.

Golalipour MJ¹, Qorbani M², Mirfazeli A³, Mobasheri E⁴.

Author information

Abstract

BACKGROUND: Neural tube defects (NTDs) including spina bifida and anencephaly are the second most common birth defects with 2.8 per 1000 births in northern Iran.

OBJECTIVES: This study was conducted to determine the risk factors of neural tube defects in Gorgan, north of Iran.

PATIENTS AND METHODS: This hospital-based, case-control study was carried out on all NTD-affected pregnancies (n = 59) during February 2007 - August 2010, and 160 healthy pregnancies were selected via convenient sampling method in three hospitals in Gorgan, north of Iran. Risk factors including maternal body mass index (BMI), season of birth, gender of the newborn, mother's age, ethnicity, consanguineous marriage, folic acid consumption, nutrition, habitat, and education, were assessed through interviews with mothers. Univariate and multivariate logistic regression analyses were used to estimate the risks by odds ratios (ORs) and 95% confidence intervals.

RESULTS: THE MULTIVARIATE ANALYSIS SHOWED THAT MATERNAL BMI (NORMAL/UNDERWEIGHT OR: 0.23, overweight/underweight OR: 0.15, obese/underweight OR: 0.13) and maternal ethnicity (Fars/Sistani OR: 3.49) and maternal nutrition (good/poor OR: 0.46) were significantly correlated with NTDs in the newborns.

CONCLUSIONS: This study showed that maternal ethnicity, insufficient nutrition, and BMI, were the main risk factors of NTDs in northern Iran.

KEYWORDS: Body Mass Index; Ethnicity; Neural Tube Defects; Nutritional Sciences

PMID: 25068063 [PubMed] PMCID: PMC4102996 Free PMC Article

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[Batch Citation Matcher](#)
[Clinical Queries](#)
[Topic-Specific Queries](#)

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

Click here

Write to the Help Desk

Find: clinical q | Next | Previous | Highlight all | Match case

01:47
۲۰۱۵/۰۵/۰۵

2. Browse Medline Journal by subject

3. List of journals by FTP

1. Enter in the search box Info. here

www.ncbi.nlm.nih.gov/nlmcatalog/journals

NCBI Resources How To

NLM Catalog More Resources Help

Browse MEDLINE
Journals by broad subject terms

Journal lists by FTP

LinkOut journal lists

Enter topic, journal title or abbreviation, or ISSN: Iranian Red Crescent medical journal Search

You are here: NCBI > Literature > National Library of Medicine (NLM) Catalog Write to the Help Desk

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EN 01:03 ۲۰۱۵/۱۲/۰۵

Journal Lists

PubMed Journals	NCBI Molecular Biology Database Journals	PubMed and NCBI Molecular Biology Database Journals
Uncompressed	Uncompressed	Uncompressed
GNU zip	GNU zip	GNU zip
UNIX Compress	UNIX Compress	UNIX Compress
PKZIP	PKZIP	PKZIP

From: [PubMed Help](#)



PubMed Help [Internet].
Bethesda (MD): [National Center for Biotechnology Information \(US\)](#); 2005-

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MESH

WHAT IS MESH?

- MeSH is a vocabulary of subject headings and subheadings
 - Subject terms are selected and approved for use by NLM
 - Each year subject headings are revised with additions and deletions
 - Scope note indicate what is meant by the term
-

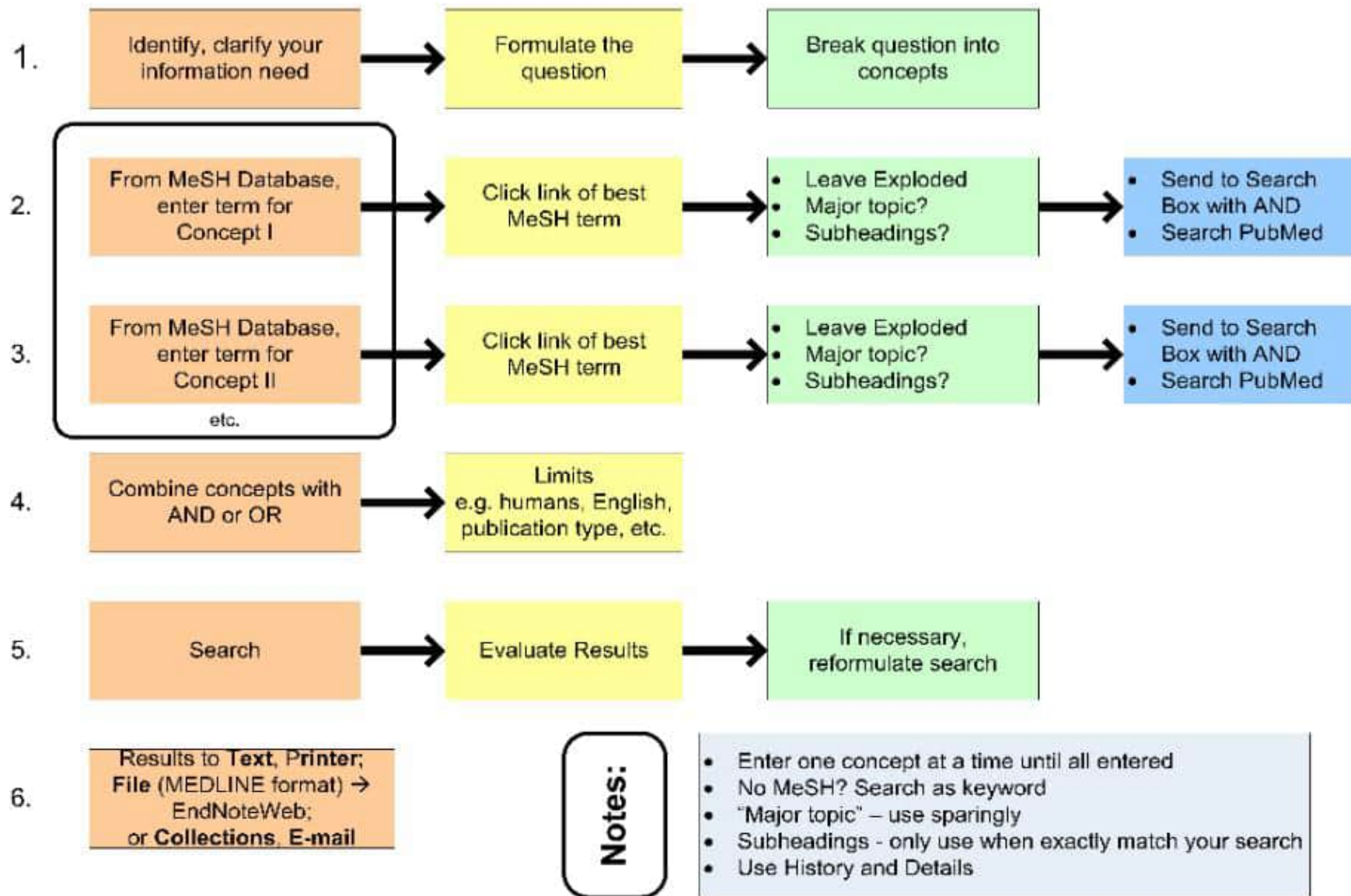
- Used to describe the subject content of all publication types in PubMed and in the library catalogs
 - Hierarchy of terms with broad and narrow terms
 - Items are indexed with the most specific MeSH term available
-

ADVANTAGES OF MESH

- Consistency in meaning of terms is maintained over time
 - Synonyms are organized under one MeSH term
 - Allows for both specific and comprehensive results
 - Cuts down on irrelevant retrieval
-

- The MeSH controlled vocabulary is a distinctive feature of MEDLINE.
 - It imposes uniformity and consistency to the indexing of biomedical literature.
 - MeSH terms are arranged in a hierarchical categorized manner called MeSH Tree Structures and are updated annually.
 - Searching using MeSH allows you to overcome problems of spelling and terminology; especially when you might not be aware of different spellings or terminology.
-

6 Steps to Better PubMed Searches



PubMed

PubMed comprises more than 22 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.

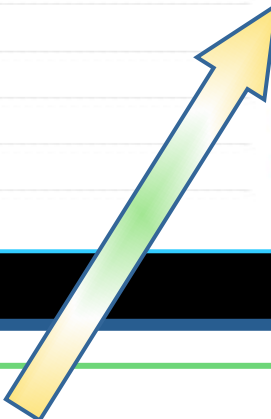
Using PubMed

[PubMed 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](#)

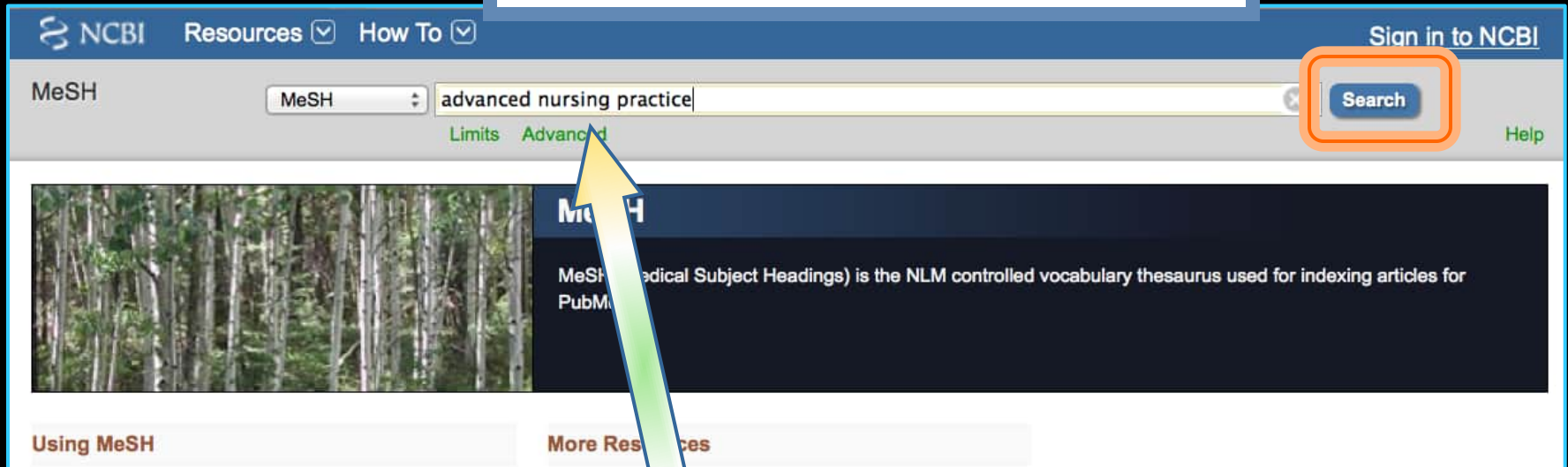
More Resources

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

Click MeSH Database

and click

Search



The screenshot shows the MeSH (Medical Subject Headings) search interface. At the top, there is a navigation bar with the NCBI logo, links to Resources and How To, and a Sign in to NCBI button. Below this, the MeSH search bar is visible, containing the text "advanced nursing practice". To the right of the search bar is a blue "Search" button, which is highlighted with an orange rectangular box. A yellow arrow points from the "Search" button in the top callout box to the "Search" button in the screenshot. Below the search bar, there are links for "Limits" and "Advanced". The main content area features a banner image of a forest on the left and a dark blue box on the right with the text "MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed". At the bottom, there are two buttons: "Using MeSH" and "More Resources".

Enter

advanced nursing practice

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

MeSH

MeSH

advanced nursing practice

Search

[Save search](#) [Limits](#) [Advanced](#)[Help](#)[Display Settings:](#) ☒ Full[Send to:](#) ☐**Advanced Practice Nursing**

Evidence-based nursing, midwifery and healthcare grounded in research and scholarship. Practitioners include nurse practitioners, clinical nurse specialists, nurse anesthetists, and nurse midwives.

Year introduced: 2010

Subheadings:

- | | | |
|---|--|--|
| ☐ classification | ☐ history | ☐ organization and administration |
| ☐ economics | ☐ legislation and jurisprudence | ☐ standards |
| ☐ education | ☐ manpower | ☐ statistics and numerical data |
| ☐ ethics | ☐ methods | ☐ trends |

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

Tree Number(s): H02.478.676.074

Entry Terms:

- Nursing, Advanced Practice
- Practice Nursing, Advanced

Previous Indexing:

- [Nurse's Role \(2002-2010\)](#)

[All MeSH Categories](#)[Disciplines and](#)[Health Occupations](#)[Nursing](#)[Specialty](#)**PubMed search builder**[Add to search builder](#)AND ☐[Search PubMed](#)**Related information**[PubMed](#)[PubMed - Major Topic](#)[Clinical Queries](#)[NLM MeSH Browser](#)**Search details**

```
advanced[All Fields] AND
("nursing"[Subheading] OR
"nursing"[MeSH Terms] OR
"breast feeding"[MeSH Terms]
OR nursing[Text Word]) AND
nursing[All Fields]
```

[See more...](#)

Term Definitions

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

advanced nursing practice (1)

MeSH

[See more...](#)

MeSH

MeSH ▾

advanced nursing practice

✕

Search

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

Display Settings: ▾ Full

Send to: ▾

PubMed search builder

Advanced Practice

Evidence-based nursing
clinical nurse specialist
Year introduced: 2011

PubMed search builder

[Subheadings:](#)

- ☐ classification
- ☐ economics
- ☐ education
- ☐ ethics

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

Tree Number(s): H02.478.676.074

Entry Terms:

- Nursing, Advanced Practice
- Practice Nursing, Advanced

Previous Indexing:

[All MeSH Categories](#)[Disciplines and Occupations Category](#)[Health Occupations](#)[Nursing](#)[Specialties, Nursing](#)**Advanced Practice Nursing**

Tree Structures are MeSH
terms arranged in a hierarchy.

Search details

```
advanced[All Fields] AND  
("nursing"[Subheading] OR  
"nursing"[MeSH Terms] OR  
"breast feeding"[MeSH Terms]  
OR nursing[Text Word]) AND  
practice[All Fields]
```

Search

[See more...](#)**Recent activity**[Turn Off](#) [Clear](#) advanced nursing practice (1)

MeSH

[See more...](#)

MeSH

MeSH ▾

advanced nursing practice

✕

Search

[Save search](#) [Limits](#) [Advanced](#)[Help](#)[Display Settings:](#) ▾ Full[Send to:](#) ▾

Advanced Practice Nursing

Evidence-based nursing, midwifery and healthcare grounded in research and scholarship. Practitioners include nurse practitioners, clinical nurse specialists, nurse anesthetists, and nurse midwives.

Year introduced: 2010

PubMed search builder options

[Subheadings:](#)

☐ classification☐ economics☐ education☐ ethics☐ history☐ legislation and jurisprudence☐ manpower☐ methods☐ organization and
administration☐ standards☐ statistics and numerical data☐ trends☐ Restrict to MeSH Major Topic.☐ Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): H02.478.676.074

Entry Terms:

- Nursing, Advanced Practice
- Practice Nursing, Advanced

Previous Indexing:

[All MeSH Categories](#)

[Disciplines and Occupations Category](#)

[Health Occupations](#)

[Nursing](#)

[Specialties, Nursing](#)

Advanced Practice Nursing

PubMed search builder

Add to search builder

AND ▾

Search PubMed

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Terms are listed from
broadest to narrowest.
If *Advanced Practice Nursing*
yields zero results, try using a
broader term such as: *Nursing*

MeSH

MeSH

advanced nursing practice



Search

[Save search](#)[Limits](#)[Advanced](#)[Help](#)Display Settings: ☒ FullSend to: ☐

Advanced Practice Nursing

Evidence-based nursing, midwifery and healthcare grounded in research and scholarship. Practitioners include nurse practitioners, clinical nurse specialists, nurse anesthetists, and nurse midwives.

Year introduced: 2010

PubMed search builder options

[Subheadings:](#)

☐ classification☐ economics☐ education☐ ethics☐ history☐ legislation and jurisprudence☐ manpower☐ methods☐ organization and
administration☐ standards☐ statistics and numerical data☐ trends

PubMed search builder

Add to search builder

AND ☐

Search PubMed

Related information

[PubMed](#)[PubMed - Major Topic](#)[Clinical Queries](#)[MeSH Browser](#)

Details

```
advanced nursing[All Fields] AND  
classification[Subheading] OR  
economics[MeSH Terms] OR  
education[MeSH Terms] OR  
ethics[MeSH Terms] AND  
nursing[Text Word] AND  
practice[All Fields]
```

[Search](#)[See more...](#)

Recent activity

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

advanced nursing practice (1)

MeSH

[See more...](#)

Click

Add to search builder

MeSH

MeSH ▾

advanced nursing practice

✕

Search

[Save search](#) [Limits](#) [Advanced](#)[Help](#)[Display Settings:](#) ▾ Full[Send to:](#) ▾

Advanced Practice Nursing

Evidence-based nursing, midwifery and healthcare grounded in research and scholarship. Practitioners include nurse practitioners, clinical nurse specialists, nurse anesthetists, and nurse midwives.

Year introduced: 2010

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ classification | ☐ history | ☐ organization and administration |
| ☐ economics | ☐ legislation and jurisprudence | ☐ standards |
| ☐ education | ☐ manpower | ☐ statistics and numerical data |
| ☐ ethics | ☐ methods | ☐ trends |

☐ Restrict to MeSH Major Topic.

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

Tree Number(s): H02.478.676.074

Entry Terms:

- Nursing, Advanced
- Practice Nursing

Previous Indexing:

- Nurse's Role (2010)

[All MeSH Categories](#)

[Disciplines](#)

[Health](#)

[Nursing](#)

PubMed search builder

"Advanced Practice Nursing"
[Mesh]

[Add to search builder](#)

AND ▾

[Search PubMed](#)

Related information

[PubMed](#)

[PubMed - Major Topic](#)

[Clinical Queries](#)

[NLM MeSH Browser](#)

Search details

advanced nursing practice[All Fields] AND
nursing[Subheading] OR
nursing[MeSH Terms] OR
nursing[Text Word]) AND
practice[All Fields]

[Search](#)

[See more...](#)

Recent activity

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

advanced nursing practice (1)

MeSH

[See more...](#)

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

MeSH

MeSH

graduate nursing education

Search

[Save search](#) [Limits](#) [Advanced](#)[Help](#)[Display Settings:](#) ☒ Full[Send to:](#) ☐

Advanced Practice Nursing

Evidence-based nursing, midwifery and healthcare grounded in research and scholarship. Practitioners include nurse practitioners, clinical nurse specialists, nurse anesthetists, and nurse midwives.

Year introduced: 2010

PubMed search builder options

[Sub](#)

PubMed search builder

[Add to search builder](#) [AND](#)

Enter

graduate nursing education

and click

Search

[Disciplines and Occupations Category](#)

[Health Occupations](#)

[Nursing](#)

[Specialties, Nursing](#)

Advanced Practice Nursing

Recent activity

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

 advanced nursing practice (1)

MeSH

[See more...](#)

Display Settings: Full

Send to:

Education, Nursing, Graduate

Those educational activities engaged in by holders of a bachelor's degree in nursing, which are primarily designed to prepare them for entrance into a specific field of nursing, and may lead to board certification or a more advanced degree.

Year introduced: 1966

PubMed search builder options

Subheadings:

- | | | |
|---|--|--|
| ☐ classification | ☐ legislation and jurisprudence | ☐ standards |
| ☐ economics | ☐ manpower | ☐ statistics and numerical data |
| ☐ ethics | ☐ methods | ☒ trends |
| ☐ history | ☐ organization and administration | |
- ☐ Restrict to MeSH Major Topic.
☐ Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): I02.358.337.450, I02.358.462.565

Entry Terms:

- Postgraduate Nursing Education
- Education, Postgraduate, Nursing
- Education, Postgraduate, Nursing, Graduate

PubMed search builder

"Advanced Practice Nursing"
[Mesh]

Add to search builder AND
Search PubMed

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Search details

"education, nursing,
graduate"[MeSH Terms] OR
graduate nursing
education[Text Word]

Sub-headings narrow the "meaning" of a **MeSH** term.

They are a "subset" of all the articles under the **MeSH** term: *Education, Nursing, Graduate*

MeSH

MeSH

graduate nursing education



Search

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

Display Settings: Full

Send to:

Education, Nursing, Graduate

Those educational activities engaged in by holders of a bachelor's degree in nursing, which are primarily designed to prepare them for entrance into a specific field of nursing, and may lead to board certification or a more advanced degree.

Year introduced: 1966

PubMed search builder options

Subheadings:

- | | | |
|---|--|--|
| ☐ classification | ☐ legislation and jurisprudence | ☐ standards |
| ☐ economics | ☐ manpower | ☐ statistics and numerical data |
| ☐ ethics | ☐ methods | ☐ trends |
| ☐ history | ☐ organization and administration | |

☐ Restrict to MeSH Major Topic.

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

Tree Number(s): I02.358.337.450, I02.358.462.565

Entry Terms:

- Postgraduate Nursing Education
- Education, Postgraduate Nursing
- Nursing Education, Graduate
- Nursing Education, Postgraduate
- Education, Nursing, Postgraduate
- Graduate Nursing Education
- Education, Graduate Nursing

[All MeSH Categories](#)

[Anthropology, Education, Sociology and Social Phenomena Category](#)
[Education](#)

[Education, Professional](#)

[Education, Graduate](#)

Education, Nursing, Graduate

[All MeSH Categories](#)

[Anthropology, Education, Sociology and Social Phenomena Category](#)
[Education](#)

[Education, Professional](#)

[Education, Nursing](#)

Education, Nursing, Graduate

PubMed search builder

"Advanced Practice Nursing"
[Mesh]

Add to search builder

AND

Search PubMed

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Search details

1) Check the box next
to the subheading.

graduate nursing education (1)

Advanced Practice Nursing

advanced nursing practice (1)

See more...

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 ▾

graduate nursing education



Search

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

Display Settings: ▾ Full

Send to: ▾

Education, Nursing, Graduate

Those educational activities engaged in by holders of a bachelor's degree in nursing, which are primarily designed to prepare them for entrance into a specific field of nursing, and may lead to board certification or a more advanced degree.

Year introduced: 1966

PubMed search builder options

[Subheadings:](#)

- | | | |
|---|--|--|
| ☐ classification | ☐ legislation and jurisprudence | ☐ standards |
| ☐ economics | ☐ manpower | ☐ statistics and numerical data |
| ☐ ethics | ☐ methods | ☒ trends |
| ☐ history | ☐ organization and administration | |

☐ Restrict to MeSH Major Topic.

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

Tree Number(s): I02.358.337.450, I02.358.462.565

Entry Terms:

- Postgraduate Nursing Education
- Education, Postgraduate Nursing
- Nursing Education, Graduate
- Nursing Education, Postgraduate
- Education, Nursing, Postgraduate
- Graduate Nursing Education
- Education, Graduate Nursing

[All MeSH Categories](#)

[Anthropology, Education, Sociology and Social Phenomena Category](#)

[Education](#)

[Education, Professional](#)

[Education, Graduate](#)

Education, Nursing, Graduate

[All MeSH Categories](#)

[Anthropology, Education, Sociology and Social Phenomena Category](#)

[Education](#)

[Education, Professional](#)

[Education, Nursing](#)

Education, Nursing, Graduate

PubMed search builder

"Advanced Practice Nursing"
[Mesh]

Add to search builder

AND ▾

Search PubMed

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

Search details

"education, nursing, graduate" [MeSH Term] OR

Click

Add to search builder

Advanced Practice Nursing

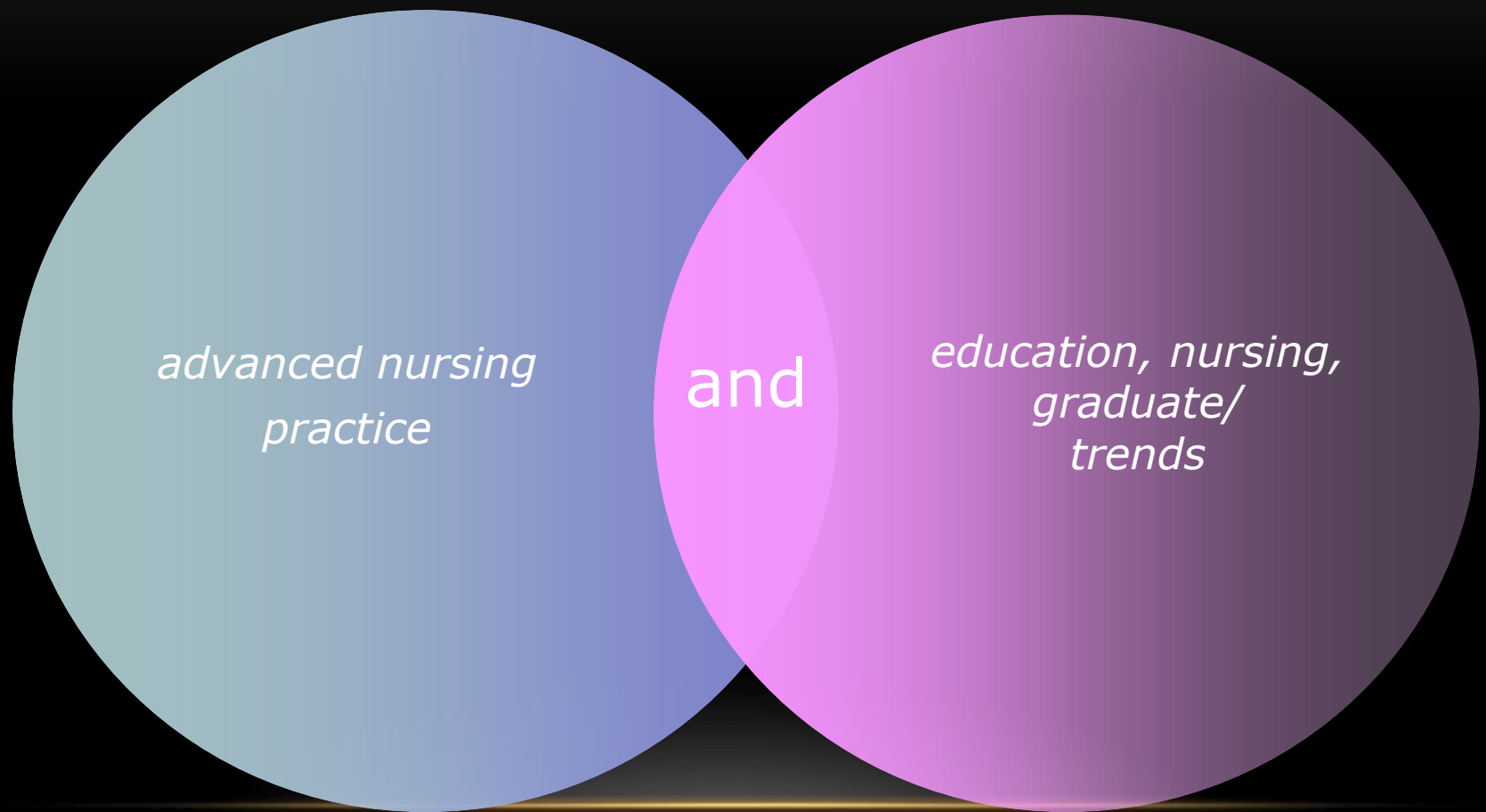
MeSH

advanced nursing practice (1)

MeSH

[See more...](#)

Boolean Logic - AND



MeSH

MeSH

graduate nursing education

Search

Save search Limits Advanced

Help

Final Search Strategy

Send to: (v)

PubMed search builder

[Mesh]) AND "Education,
Nursing, Graduate/trends"
[Mesh]

Add to search builder AND

Search PubMed

Related

PubMed
PubMed -
Clinical Q
NLM MeS

Search d

"educat nursing,
graduat eSH Terms] OR
graduat rsing
educati ext Word]

- ☐ classification
- ☐ economics
- ☐ ethics
- ☐ history
- ☐ legislation and jurisprudence
- ☐ manpower
- ☐ methods
- ☐ organization and administration
- ☐ standards
- ☐ statistics and numerical data
- ☒ trends

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

Tree Number(s): I02.358.337.450, I02.358.462.565

Entry Terms:

- Postgraduate Nursing Education
- Education, Postgraduate Nursing
- Nursing Education, Graduate
- Nursing Education, Postgraduate
- Education, Nursing, Postgraduate
- Graduate Nursing Education
- Education, Graduate Nursing

All MeSH Categories

Anthropology, Education, Sociology and Social Phenomena C

Education

Education, Professional

Education, Graduate

Education, Nursing, Graduate

All MeSH Categories

Anthropology, Education, Sociology and Social Phenomena C

Education

Education, Professional

Education, Nursing

Education, Nursing, Graduate

Click

Search PubMed

advanced nursing practice (1)

MeSH

See more...

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Text availability

Abstract available

Full text available

Publication
dates

5 years

10 years

Custom range...

Species

Humans

Article types

more ...

Languages

English

more ...

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

Results: 1 to 20 of 29

<< First < Prev Page 1 of 2 Next > Last >>

- ☐ [Using effects-based reasoning to examine the DNP as the single entry degree for advanced practice nursing](#)

1.

Rhodes MK.

Online J Issues Nurs. 2011 Jun 27;16(3):8. doi: 10.3912/OJIN.Vol16No03PPT01.

PMID: 22324574 [PubMed - indexed for MEDLINE]

[Related citations](#)

- ☐ [\[Advanced practices in nursing, an American example\].](#)

2.

Debout C.

Soins Psychiatr. 2011 Nov-Dec;(277):22. French.

PMID: 22165329 [PubMed - indexed for MEDLINE]

[Related citations](#)

- ☐ [Further](#)

3.

Sant

Nurs

No a

PMID

[Rela](#)

- ☐ [\[Adv](#)

4.

Gerla

Pfleg

PMID

[Rela](#)

Find related data

Database: [Select](#)[Find items](#)

Search details

"Advanced Practice Nursing"
[Mesh] AND "Education,
Nursing, Graduate/trends" [Mesh]

[Search](#)[See more...](#)

PubMed identifies
29 articles

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

"Advanced Practice Nursing"[Mesh]
AND "Education, Nursing, Graduate/trends"[Mesh]

MeSH

Education (1)

MeSH

Nursing

MeSH

practice (1)

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

Send to: ▾

Filters: [Manage Filters](#)

[Clear all](#)

Text availability

Abstract available

Full text available

Publication

dates

5 years

10 years

Custom range...

Species

Humans

Article types

more ...

Languages

✓ English

more ...

[Clear all](#)

[Show additional filters](#)

Results: 1 to 20 of 22

<< First < Prev Page 1 of 2 Next > Last >>

Filters activated: English [Clear all](#)

☐ [Using effects-based reasoning to examine the DNP as the single entry degree for advanced practice nursing.](#)

Rhodes MK.

Online J Issues Nurs. 2011 Jun 27;16(3):8. doi: 10.3912/OJIN.Vol16No03PPT01.

PMID: 22324574 [PubMed - indexed for MEDLINE]

[Related citations](#)

☐ [Furthering the educational preparation of all advanced practice nursing.](#)

Santoro PW, Kennedy HP.

Nurs Outlook. 2011 Nov-Dec;59(6):e2. doi: 10.1016/j.outlook.2011.08.005. Epub 2011 Oct 13.

No abstract available.

PMID: 22000690 [PubMed]

[Related citations](#)

☐ [contemporary nursing](#)

[No authors listed]

J Prof Nurs. 2011 May-

PMID: 21739766 [PubMed]

[Related citations](#)

Find related data

Database: [Select](#)

Find items

Search details

"Advanced Practice Nursing"
[Mesh] AND "Education,
Nursing, Graduate/trends"
[Mesh] AND English[lang]

Search

See more...

Select Filters
such as English

Display Settings: ☒ Summary, 20 per page, Sorted by Recently AddedSend to: ☐ Filters: [Manage Filters](#)[Clear all](#)

Text availability

Abstract available

Full text available

Publication
dates

clear

☒ 5 years

10 years

Custom range...

Species

Humans

Article types

more ...

Languages

clear

☒ English

more ...

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

Results: 1 to 20 of 22



Filters activated: published in t

[Using effects-based reasoning](#)

1.

[practice nursing.](#)

Rhodes MK

PMID: 22324574 [PubMed - i

[Related citations](#)[Furthering the educational pr](#)

2.

Santoro PW, Kennedy HP.

Nurs Outlook. 2011 Nov-Dec;

No abstract available.

PMID: 22000690 [PubMed - indexed for MEDLINE]

[Related citations](#)[U.S. nursing schools transform master's education by adopting new standards reflecting](#)

3.

[contemporary nursing practice.](#)

[No authors listed]

J Prof Nurs. 2011 May-Jun;27(3):131-2. No abstract available.

PMID: 21739766 [PubMed - indexed for MEDLINE]

[Related citations](#)[Re: The Doctor of Nursing Practice: a national workforce perspective.](#)

4.

Curtis AC, Kelly KA.

Nurs Outlook. 2011 May-Jun;59(3):133-4; author reply 135-6. No abstract available.

PMID: 21565588 [PubMed - indexed for MEDLINE]

[Related citations](#)[Re: The Doctor of Nursing Practice: a national workforce perspective.](#)

5.

Burns SM.

Nurs Outlook. 2011 May-Jun;59(3):132-3; author reply 135-6. No abstract available.

PMID: 21565587 [PubMed - indexed for MEDLINE]

[Related citations](#)

...and published during
the last 5 years.

Recent activity

[Turn Off](#) [Clear](#)("Advanced Practice Nursing"[Mesh])
AND "Education, Nursing, Gra("Advanced Practice Nursing"[Mesh])
AND "Education, Nursing, Gra("Advanced Practice Nursing"[Mesh])
AND "Education, Nursing, Gra

Education, Nursing, Graduate



graduate nursing education (1)

[See more...](#)



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

Send to: ▾

Filters: [Manage Filters](#)

[Clear all](#)

Text availability

Abstract available

Full text available

Publication dates

clear

✓ 5 years

10 years

Custom range...

Species

Humans

Article types

more ...

Languages

clear

✓ English

more ...

[Clear all](#)

[Show additional filters](#)

Results: 1 to 20 of 22

Selected: 1

<< First

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Page 1

of 2

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University of North Carolina at Chapel Hill, School of Nursing, Chapel Hill, NC 27599, USA. lcronenwett@unc.edu

Abstract
In 2004, the American Association of Colleges of Nursing (AACN) adopted a position statement concerning the future of advanced practice nursing education. A target date of 2015 was articulated as the point by which master's preparation for advanced practice nurses would be replaced by doctoral level education. Seismic shifts in the realities surrounding nursing education and practice have occurred since the proposal to require a Doctor of Nursing Practice (DNP) degree for entry into advanced practice nursing was proposed. Unprecedented economic challenges have resulted in significant budget downturns for all sectors, including higher education. The consequent cutbacks, furloughs, and restructuring in educational operations of all types have placed enormous demands on faculty, staff, and students across the country. In addition, the growing incidence and earlier onset of chronic disease, a rapidly aging population, health care reform agendas, a shortage of primary care practitioners, and projected severe shortages of nursing faculty have raised fundamental questions about the capacity of nursing education to produce the numbers of advanced practice nurses needed. This article addresses the changing realities and growing concerns associated with the future of advanced practice nursing. Recommendations to ensure continuing development of advanced nursing practice that serves the interests and needs of the public now and in the future are presented within the context of a national workforce perspective.

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