

راهنمای استفاده از Mesh

e-vident



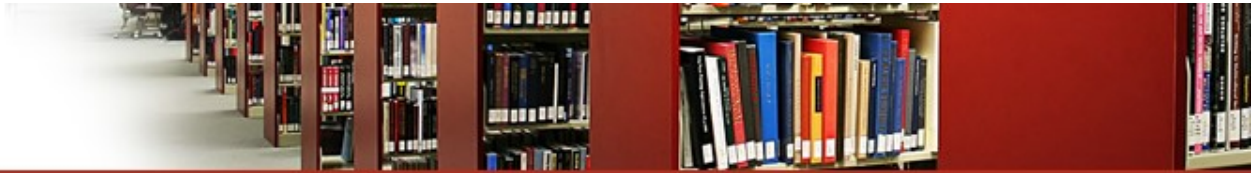
تهیه و تنظیم: گلاره خادمی کیا، کارشناس ارشد کتابداری و اطلاع رسانی
پزشکی

مسئول کتابخانه بیمارستان شهدای عشایر



MeSH Medical Subject Headings

- MeSH is the standard terminology used by the indexer and helps to find articles on the topic, regardless of the exact wording used by the authors.
- Controlled vocabulary of subject terms; it is another feature built into PubMed to enhance retrieval of best evidence.



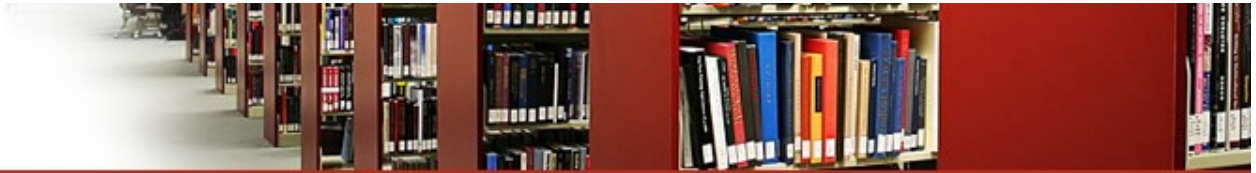
What is MeSH?

- 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
- 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



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.

Home - PubMed - NCBI - Mozilla Firefox

Doğya Düzen Görünüm Geçmiş Yer İmleri Araçlar Yardım

Login Success Home - PubMed - NCBI

www.ncbi.nlm.nih.gov/pubmed/ Google

En çok ziyaret edilenler İlk Adım Customize Links Free Hotmail Windows Marketplace Windows Media Windows

NCBI Resources How To My NCBI Sign In

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

PubMed

Search

Advanced Help

PubMed

PubMed comprises more than 21 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](#)

You are here: NCBI > Literature > PubMed

Write to the Help Desk

start e-vident e-vident ??? - Wi... MeSH in ... Home - ... SEARCHI... SEARCHI... 3:26 PM



MEDLINE جستجوی

Medical Subject Headings (MeSH)

- دلیل ایجاد MeSH این بود که همه مقاله هایی که در مورد یک موضوع هستند تحت یک عنوان استاندارد لیست شوند
- موثرترین راه جستجوی Medline استفاده از MeSH در حد ممکن است.



MEDLINE جستجوی

- برای جستجوی مقالاتی که یک کلمه در عنوان، یا نام نویسنده آن ها وجود دارد:

Tehran[title]
Rothman[Author]

- برای جستجوی یک عبارت:

“lead poisoning”

- استفاده از عملگرهای شرطی AND، OR:

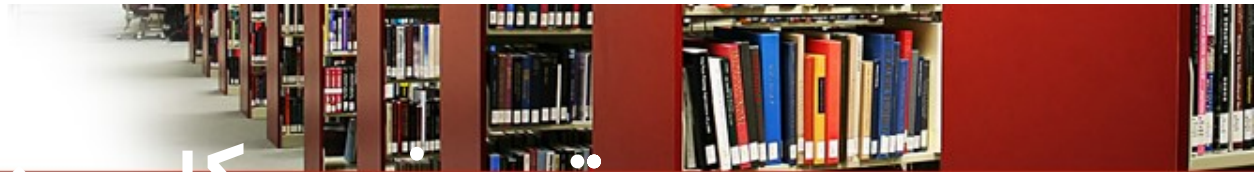
Tehran AND “public health”
“traffic injury” OR Iran[Title]



خدمات و امکانات دیگر PubMed برای جستجو

Journals Database

MeSH Database



تعریف و کاربرد اصطلاحنامه

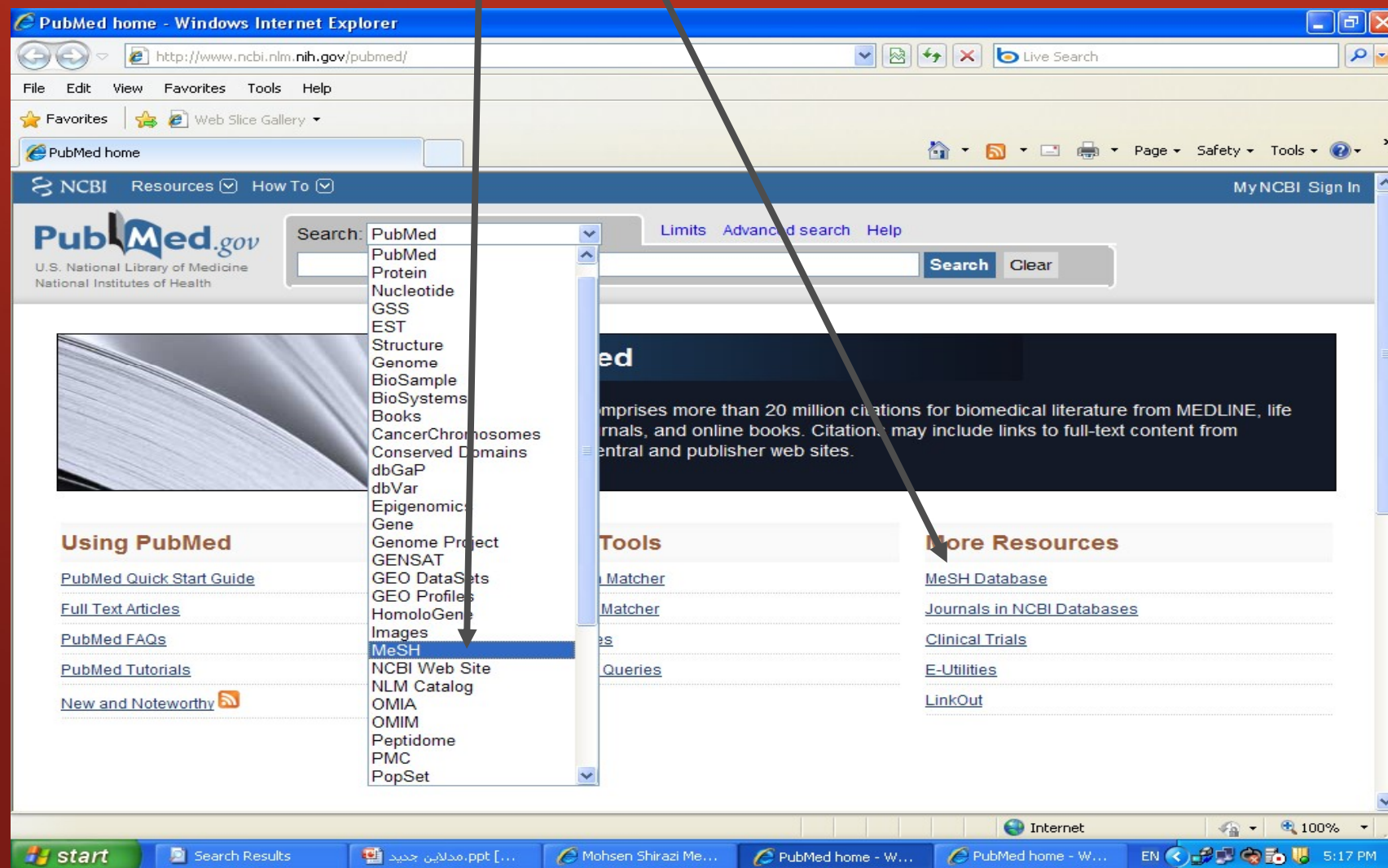
- اصطلاحنامه معادل فارسی از ریشه یونانی treasury
- مجموعه ای از واژه های رایج و معتبر در یک یا چند رشته علمی که علاوه بر نظم الفبایی دارای ساختار سلسله مراتبی نیز است.
- انواع روابط بین واژه ها (مترادفها/ مرتبط ها/ اعم و اخص) در این مجموعه ارائه می شود .
- شما را از یک اصطلاح غیر رایج و غیر علمی به اصطلاح گزیده و معتبر آن هدایت می کند. مثال cancer See Neoplasm
- بطور مستمر ویرایش و روزآمد می شود .
- کلید یک جستجوی دقیق در محتوای مقالات پایگاههای اطلاعاتی مانند مدلاین است.



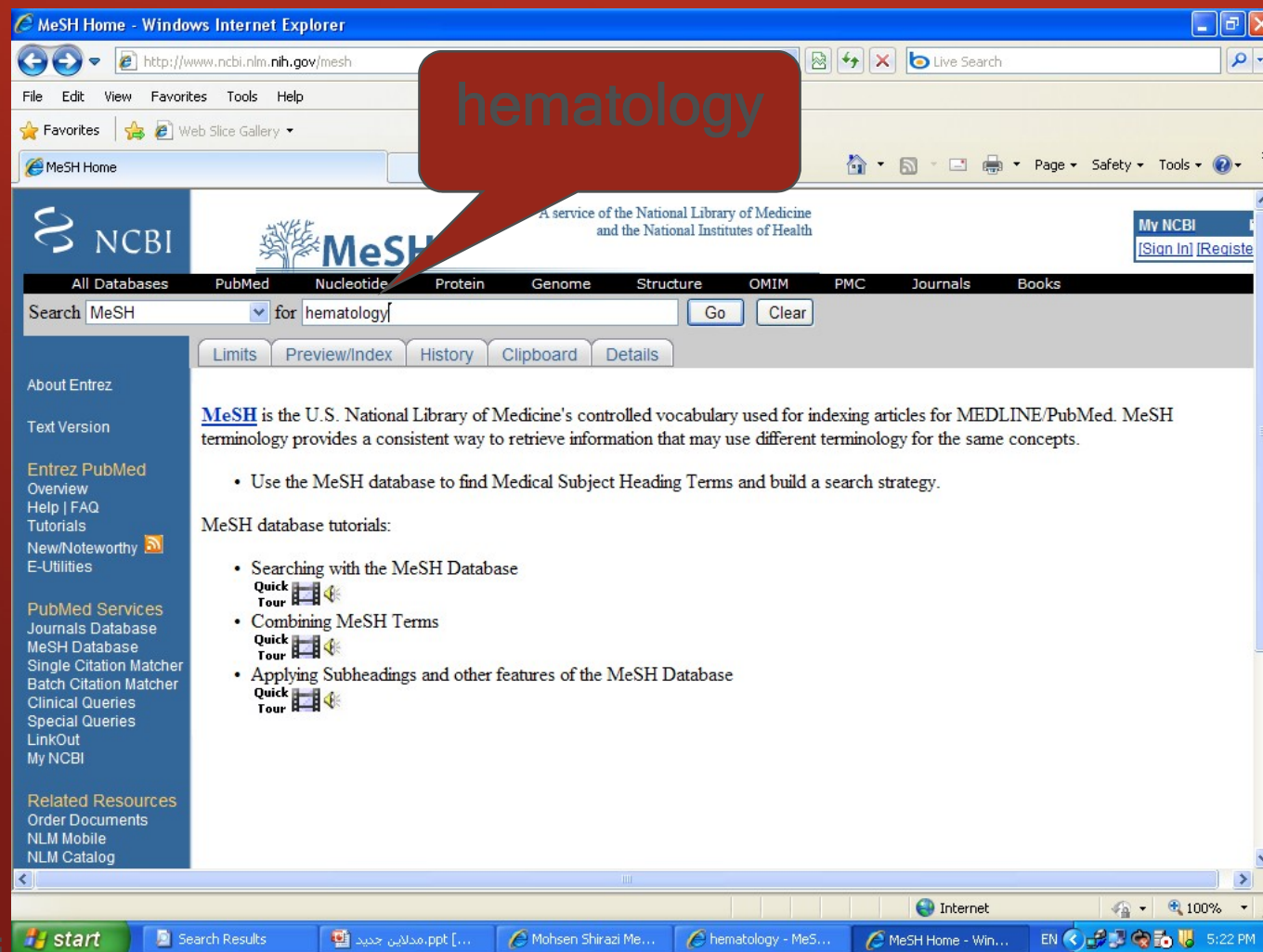
اصطلاحنامه استاندارد پزشکی MeSH

- MeSH وسیله ای توانا و مفید در پژوهشهای پزشکی است و همانگونه که از نام آن بر می آید مجموعه ای از اصطلاحات معتبر و استاندارد حوزه پزشکی و رشته های وابسته به آن است. (بیش از ۱۹۰۰۰ اصطلاح)
- مشخصات هر مقاله به همراه اختصاصی ترین موضوع یا موضوعهای آن (keywords) وارد پایگاه اطلاعاتی مدلاین می شود و مجموع این واژه های کلیدی در این اصطلاحنامه بصورت الفبایی تنظیم و عرضه می شوند.
- این اصطلاحنامه به شما کمک می کند که اصطلاحهای استاندارد و ارجح حوزه پزشکی را بشناسید.
- با استفاده از این اصطلاحنامه می توانید مناسبترین واژه را برای جستجوی خود در پایگاه اطلاعاتی مدلاین و حتی در دیگر موتورهای جستجوی اینترنت بیابید.

MeSH Database link?



جستجو در اصطلاحنامه MeSH



MeSH Home - Windows Internet Explorer

http://www.ncbi.nlm.nih.gov/mesh

hematology

NCBI MeSH A service of the National Library of Medicine and the National Institutes of Health

My NCBI [Sign In] [Register]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search MeSH for hematology Go Clear

Limits Preview/Index History Clipboard Details

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PubMed Services Journals Database MeSH Database Single Citation Matcher Batch Citation Matcher Clinical Queries Special Queries LinkOut My NCBI

Related Resources Order Documents NLM Mobile NLM Catalog

MeSH is the U.S. National Library of Medicine's controlled vocabulary used for indexing articles for MEDLINE/PubMed. MeSH terminology provides a consistent way to retrieve information that may use different terminology for the same concepts.

- Use the MeSH database to find Medical Subject Heading Terms and build a search strategy.

MeSH database tutorials:

- Searching with the MeSH Database Quick Tour
- Combining MeSH Terms Quick Tour
- Applying Subheadings and other features of the MeSH Database Quick Tour

start Search Results مدالین جدید.ppt [...] Mohsen Shirazi Me... hematology - MeSH MeSH Home - Win... EN 5:22 PM

سرعنوانهای موضوعی همراه تعریف آن

hematology - MeSH Results - Windows Internet Explorer

http://www.ncbi.nlm.nih.gov/mesh

File Edit View Favorites Tools Help

hematology - MeSH Results

NCBI MeSH A service of the National Library of Medicine and the National Institutes of Health

My NCBI [Sign In] [Register]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search MeSH for hematology Go Clear Save Search

Limits Preview/Index History Clipboard Details

Display Summary Show 20 Send to

All: 7

Items 1 - 7 of 7

One page.

Recent activity

Turn Off Clear

hematology (7)

sars (33)

MeSH

» See more...

1: [Hematology](#)

A subspecialty of internal medicine concerned with morphology, physiology, and pathology of the blood and blood-forming tissues.

2: [AIEOP protocol 8202 \[Substance Name\]](#)

chemotherapy protocol consisting of above cpds; used in treatment of acute lymphoblastic leukemia (ALL) in children with cystic fibrosis

Date introduced: February 10, 1993

3: [Protein S Deficiency](#)

An autosomal dominant disorder showing decreased levels of plasma protein S antigen or activity, associated with venous thrombosis and pulmonary embolism. PROTEIN S is a vitamin K-dependent plasma protein that inhibits blood clotting by serving as a cofactor for activated PROTEIN C (also a vitamin K-dependent protein), and the clinical manifestations of its deficiency are virtually identical to those of protein C deficiency. Treatment with heparin for acute thrombotic processes is usually followed by maintenance administration of coumarin drugs for the prevention of recurrent thrombosis. (From Harrison's Principles of Internal Medicine, 12th ed, p1511; Wintrobe's Clinical Hematology, 9th ed, p1523)

start Search Results مداخلین جدید Mohsen Shirazi Me... hematology - MeS... MeSH Home - Win... EN 5:25 PM



سر عنوان اصلی Hematology

فرعی و طبقه بندی موضوعی

NCBI Resources How To Sign in to NCBI

MeSH MeSH Search Limits Advanced Help

Display Settings: Full Send to: ☑

Hematology

A subspecialty of internal medicine concerned with morphology, physiology, and pathology of the blood and blood-forming tissues.

PubMed search builder options

Subheadings:

☐ classification	☐ instrumentation	☐ statistics and numerical data
☐ diagnosis	☐ legislation and jurisprudence	☐ supply and distribution
☐ economics	☐ manpower	☐ therapy
☐ education	☐ methods	☐ trends
☐ ethics	☐ organization and administration	☐ veterinary
☐ history	☐ standards	

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

Tree Number(s): H07.403.429.445

See Also:

- [Hematologic Diseases](#)

[All MeSH Categories](#)
[Disciplines and Occupations Category](#)
[Health Occupations](#)
[Medicine](#)
[Internal Medicine](#)
[Hematology](#)

PubMed search builder

Add to search builder AND Search PubMed

Related information

PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser

Recent activity

Turn Off Clear

- Internal Medicine MeSH
- Hematology MeSH
- hematology (7) MeSH
- PubMed Help - PubMed Help Bookshelf
- lancet (461)

NLM Catalog

انتخاب موضوعهای فرعی

Add to search builder

search pubmed

MeSH

Search

Limits Advanced Help

Display Settings: Full

Hematology

A subspecialty of internal medicine concerned with morphology, physiology, and pathology of the blood and blood-forming tissues.

PubMed search builder options

Subheadings:

- ☒ classification
- ☐ diagnosis
- ☐ economics
- ☐ education
- ☐ ethics
- ☐ history
- ☐ instrumentation
- ☐ legislation and jurisprudence
- ☐ manpower
- ☐ methods
- ☐ organization and administration
- ☐ standards
- ☐ statistics and numerical data
- ☐ supply and distribution
- ☐ therapy
- ☐ trends
- ☐ veterinary

☐ Restrict to MeSH Major Topic.

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

Tree Number(s): H02.403.429.445

See Also:

- [Hematologic Diseases](#)

[All MeSH Categories](#)

[Disciplines and Occupations Category](#)

[Health Occupations](#)

[Medicine](#)

[Internal Medicine](#)

Hematology

PubMed search builder

"Hematology/classification" [MeSH]

Add to search builder AND Search PubMed

Related information

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

Recent activity

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

- Internal Medicine MeSH
- Hematology MeSH
- hematology (7) MeSH
- PubMed Help - PubMed Help Bookshelf
- lancet (461) NLM Catalog

نتیجه جستجو از طریق MEDLINE

فیلتر کردن نتیجه
جستجو

انجام جستجو در
عنوان مقالات

PubMed "Hematology/classification"[Mesh]

RSS Save search Advanced

Show additional filters

Display Settings: ☒ Summary, Sorted by Recently Added

Send to: ☒ Filters: [Manage Filters](#)

Results: 4

☐ [Medical devices; hematology and pathology devices; reclassification of automated blood cell separator device operating by centrifugal separation principle. Final rule.](#)

1. [Medical devices; hematology and pathology devices; reclassification of automated blood cell separator device operating by centrifugal separation principle. Final rule.](#)

Food and Drug Administration, HHS.
Fed Regist. 2007 Nov 30;72(230):67640-4.
PMID: 18064768 [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)

☐ [A survey of clinical productivity and current procedural terminology \(CPT\) coding patterns of pediatric hematologist/oncologists.](#)

2. [A survey of clinical productivity and current procedural terminology \(CPT\) coding patterns of pediatric hematologist/oncologists.](#)

Griffin TC, Hutter JJ, Johnson KK, Moscow JA.
Pediatr Blood Cancer. 2004 Aug;43(2):140-7.
PMID: 15236280 [PubMed - indexed for MEDLINE]
[Related citations](#)

☐ [Medical devices; hematology and pathology devices; classification of the Factor V Leiden DNA mutation detection systems devices. Final rule.](#)

3. [Medical devices; hematology and pathology devices; classification of the Factor V Leiden DNA mutation detection systems devices. Final rule.](#)

Food and Drug Administration, HHS.
Fed Regist. 2004 Mar 16;69(51):12271-3.
PMID: 15025053 [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)

[Clear all](#)

[Show additional filters](#)

Titles with your search terms

Detection and **classification** of acute leukemia by th [Am J Clin Pathol. 1996]

The technicon H6000 automated **hematology** an [Haematologica. 1990]

Medical devices; **hematology** and pathology devices; c [Fed Regist. 2007]

[See more...](#)

Find related data

Database:

Search details

"Hematology/classification"[Mesh]

[See more...](#)



مثال

➤ آیا در زنان ۴۰ تا ۵۰ ساله، انجام غربالگری با ماموگرافی در مقایسه با عدم انجام آن میزان مرگ ناشی از سرطان پستان را کاهش می دهد؟



My NCBI

Welcome motevali. [\[Sign Out\]](#)

All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Books

Search MeSH for Breast Cancer

Go

Clear

[Save Search](#)[Limits](#)[Preview/Index](#)[History](#)[Clipboard](#)[Details](#)

History has expired due to inactivity.

Suggestions: [Breast cancer](#); [Cancer, breast](#); [Brain cancer](#); [Breast cysts](#); [Brain cancers](#); [Breast disease](#); [Pancreas cancer](#); [Breast cyst](#); [Bone cancer](#); [Bladder cancer](#); [more...](#)

Display Summary

Show 20

Send to

All: 48



Items 1 - 20 of 48

Page

1

of 3 [Next](#)☐ 1: [Breast Neoplasms](#)

Tumors or cancer of the human BREAST.

[Links](#)☐ 2: [Breast Neoplasms, Male](#)

Any neoplasms of the male breast. These occur infrequently in males in developed countries, the incidence being about 1% of that in females.

Year introduced: 1995

[Links](#)☐ 3: [DBC2 protein, human \[Substance Name\]](#)

a member of the RHOBTB family of proteins; involved in cell cycle control, apoptosis, and cytoskeleton and membrane trafficking; GenBank AY009093

Date introduced: March 9, 2005

[Links](#)

"Breast Neoplasms"[MeSH]

Search PubMed Clear

Suggestions: [Screening](#); [Screenings](#); [Preening](#); [Preenings](#); [Sunscreens](#); [Scriptide](#); [Scriptene](#); [Scrofulin](#); [Scrofulas](#); [Scriptaid](#); [more...](#)

Display Summary Show 20 Send to

All: 17

Items 1 - 17 of 17

One page.

- ☐ 1: [Mass Screening](#) [Links](#)
Organized periodic procedures performed on large groups of people for the purpose of detecting disease.
Year introduced: 1968
- ☐ 2: [Diagnosis](#) [Links](#)
The determination of the nature of a disease or condition or the distinguishing of one disease or condition from another. Assessment may be made through physical examination, laboratory tests, or the like, and may be assisted by computerized programs designed to enhance the decision-making process.



My NCBI

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All Databases

PubMed

Nucleotide

Protein

Genome

Structure

OMIM

PMC

Journals

Books

Search MeSH for mammography

Go

Clear

Limits

Preview/Index

History

Clipboard

Details

"Breast Neoplasms"[MeSH] AND "Mass Screening"[MeSH]

Search PubMed

Clear

Display Full

Show 20

Send to

All: 1



- If making selections (e.g., Subheadings, etc.), use the [Send to Search Box](#) feature to see PubMed records with those specifications.
- Select PubMed under the Links menu to retrieve all records for the MeSH Term.
- Select [NLM MeSH Browser](#) under the Links menu for additional information.

☐ 1: Mass Screening

Links

Organized periodic procedures performed on large groups of people for the purpose of detecting disease.

Year introduced: 1968

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

☐ adverse effects ☐ classification ☐ contraindications ☐ diagnosis ☐ economics ☐ ethics ☐ history ☐ instrumentation



Diphosphonates - MeSH - NCBI - Windows Internet Explorer

http://www.ncbi.nlm.nih.gov/mesh/68004164

File Edit View Favorites Tools Help

Google Search Share Translate More

NCBI Resources How To

MeSH MeSH Search Limits Advanced

Display Settings: Full

Diphosphonates

Organic compounds which contain P-C-P bonds, where P stands for phosphonates or phosphonic acids. These compounds affect calcium metabolism. They inhibit ectopic calcification and slow down bone resorption and bone turnover. Technetium complexes of diphosphonates have been used successfully as bone scanning agents.

Year introduced: 1977

PubMed search builder options

Subheadings:

☐ administration and dosage	☐ contraindications	☐ pharmacology
☐ adverse effects	☐ diagnostic use	☐ physiology
☐ analysis	☐ economics	☐ poisoning
☐ antagonists and inhibitors	☐ history	☐ radiation effects
☐ blood	☐ immunology	☐ standards
☐ chemical synthesis	☐ isolation and purification	☐ therapeutic use
☐ chemistry	☐ metabolism	☐ toxicity
☐ classification	☐ pharmacokinetics	☐ urine

☐ Restrict to MeSH Major Topic.

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

Tree Number(s): D02.705.429.500

Entry terms:

- Bisphosphonates

Previous indexing:

1761

Send to: PubMed search builder

"Diphosphonates" [Mesh]

Add to search builder AND

Search PubMed

Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

MedGen

PubChem Compound

PubChem Substance

Recent activity

Turn Off Clear

zoledronic acid [Supplementary Concept] MeSH

zometa (1)

start iTunes Microsoft PowerPoint ... Home - MeSH - NCBI ... Diphosphonates - Me...

Internet 115% 1:13 PM

Subheadings describe specific aspects of the subject. Click if appropriate.

Click to add to search builder

Tick out the appropriate box to broaden or narrow the search for your interest.

- 1: [Shen Y, Yang Y, Inoue LY, Munsell MF, Miller AB, Berry DA.](#) [Related Articles, Links](#)
Role of detection method in predicting breast cancer survival: analysis of randomized screening trials.
J Natl Cancer Inst. 2005 Aug 17;97(16):1195-203.
PMID: 16106024 [PubMed - indexed for MEDLINE]
- 2: [Krzyzanowska MK, Tannock IF.](#) [Related Articles, Links](#)
Should screen-detected breast cancers be managed differently?
J Natl Cancer Inst. 2005 Aug 17;97(16):1170-1. No abstract available.
PMID: 16106016 [PubMed - indexed for MEDLINE]
- 3: [Njor SH, Olsen AH, Schwartz W, Lynge E.](#) [Related Articles, Links](#)
Tumour size distribution in mammography screening.
Breast. 2005 Aug;14(4):329-32.
PMID: 16085241 [PubMed - indexed for MEDLINE]
- 4: [Kopans DB.](#) [Related Articles, Links](#)
Informed decision making: age of 50 is arbitrary and has no demonstrated influence on breast cancer screening in women.
ATR Am J Roentgenol. 2005 Jul;185(1):177-82



- Good Luck