

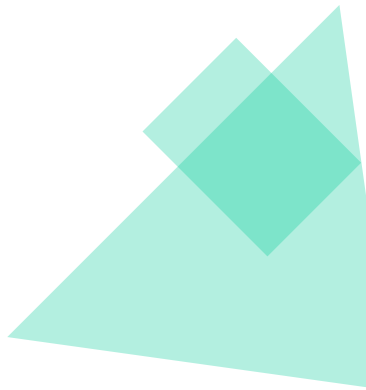
# Using PubMed MeSH



**Prof Oluwadiya KS**  
**[www.Oluwadiya.com](http://www.Oluwadiya.com)**



# Table of Contents

- Using MeSH in PubMed
  - The MeSH database
    - Major Topic Headings and Explode
    - Using MeSH terms
    - Geographic regions
- 

# What is MeSH

---

**Medical Subject  
Heading**

# Imagine

- Tumor
- Cancer
- Swelling
- Tumour
- Neoplasm
- Neoplasia



How can you capture all these terms with a single search?



# MeSH (Medical Subject Headings)

- MeSH = Organized hierarchical “tree” system of standardized terms used to index all articles
- Articles on the same topic are indexed with the same term, even if authors use different terms for same concept.
- *As opposed to:* Searching for a particular string of characters (“textword” or “keyword” searching)

# MeSH Tree Structures - 2008

[Return to Entry Page](#)

1.  Anatomy [A]
2.  Organisms [B]
3.  Diseases [C]
4.  Chemicals and Drugs [D]
5.  Analytical, Diagnostic and Therapeutic Techniques and Equipment [E]
6.  Psychiatry and Psychology [F]
7.  Biological Sciences [G]
8.  Natural Sciences [H]
9.  Anthropology, Education, Sociology and Social Phenomena [I]
10.  Technology, Industry, Agriculture [J]
11.  Humanities [K]
12.  Information Science [L]
13.  Named Groups [M]
14.  Health Care [N]
  - ◊ [Population Characteristics \[N01\] +](#)
  - ◊ [Health Care Facilities, Manpower, and Services \[N02\] +](#)
  - ◊ [Health Care Economics and Organizations \[N03\] +](#)
  - ◊ [Health Services Administration \[N04\] +](#)
  - ◊ [Health Care Quality, Access, and Evaluation \[N05\] +](#)
15.  Publication Characteristics [V]
16.  Geographicals [Z]

# Fields in a MEDLINE Record

<b>Unique Identifier</b>	<b>12728101</b>
<b>Record Owner</b>	NLM
<b>Status</b>	MEDLINE
<b>Authors</b>	<a href="#">Hale KJ. American Academy of Pediatrics Section on Pediatric Dentistry.</a>
<b>Authors Full Name</b>	Hale, Kevin J. American Academy of Pediatrics Section on Pediatric Dentistry.
<b>Title</b>	Oral health risk assessment timing and establishment of the dental home.
<b>Source</b>	Pediatrics. 111(5 Pt 1):1113-6, 2003 May.
<b>Abbreviated Source</b>	Pediatrics. 111(5 Pt 1):1113-6, 2003 May.
<b>NLM Journal Name</b>	Pediatrics
<b>Publishing Model</b>	Journal available in: Print Citation processed from: Internet
<b>NLM Journal Code</b>	oxv, 0376422
<b>Journal Subset</b>	AIM, IM
<b>Country of Publication</b>	United States

**MeSH Subject Headings**

- [\\*Dental Caries / pc \[Prevention & Control\]](#)
- [\\*Dental Devices, Home Care / st \[Standards\]](#)
- [Diet Therapy / mt \[Methods\]](#)
- [Diet, Cariogenic](#)
- [Dietary Carbohydrates / ae \[Adverse Effects\]](#)
- [Dietary Carbohydrates / me \[Metabolism\]](#)
- [Humans](#)
- [Oral Hygiene / st \[Standards\]](#)
- [Oral Hygiene Index](#)
- [\\*Pediatric Dentistry / st \[Standards\]](#)
- [Risk Assessment](#)

**MeSH  
Terms**



**Abstract** Early childhood dental caries has been reported by the Centers for Disease Control and Prevention to be perhaps



# Different Terms, Same MeSH

## Title #1

Treatment of  
**gastric cancer.**

## Title #2

Technical considerations in  
laparoscopic resection of  
**gastric neoplasms**

**MeSH headings for both titles:**

**Stomach Neoplasms**





## Same Term, Different MeSH

### Title #1

The diagnosis of **plaque**-induced periodontal diseases.

**MeSH heading:**

**Dental Plaque**

### Title #2

Mechanism of senile **plaque** formation in Alzheimer disease.

**MeSH heading:**

**Senile Plaques**



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Map of country breakdown  
 png, 122kb  
 More than 5000 institutions registered in 106 countries in 2012

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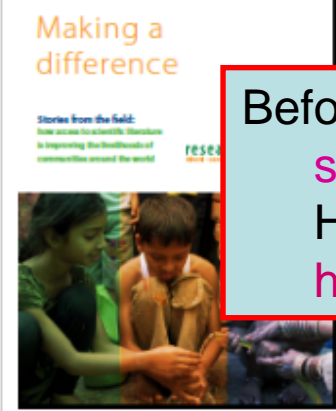
Portuguese HINARI website  
 HINARI site in portuguese

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We will need to enter our HINARI **User Name** and **Password** in the appropriate boxes, then click on the **Login** button.

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Language:

**Attention:** for security reasons, when you finish working with the site, please make sure you do one of the following:

- Use the Logout button, to log out of the site, or,
- Close all browser windows, including applications that were opened in a new window.



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- HomoloGene
- MedGen
- MeSH**
- NCBI Web Site
- NLM Catalog
- OMIA
- OMIM
- PMC
- PopSet
- Probe
- Protein Clusters
- PubChem BioAssay
- PubChem Compound

A second way to access MeSH is to open the Databases drop down menu and then to click on MeSH.

We will use this method. Click the dropdown menu

## 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](#)

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### More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

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[LinkOut](#)

To access the MeSH Database, click on the link on the right column of the PubMed home page.

MeSH search bar with dropdown menu set to 'MeSH' and text input 'malaria'. A red box highlights the dropdown and input area.

Limits Advanced

Help



# MeSH

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

## Using MeSH

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

## More Resources

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

In MeSH, we will complete a search for the term

*Malaria.*



MeSH search bar with 'malaria' entered and a search button

Save search Limits Advanced

Help

Display Settings: Summary, 20 per page

Send to:

Results: 9

Malaria

1. A protozoan disease caused in humans by four species of the PLASMODIUM genus: PLASMODIUM FALCIPARUM; PLASMODIUM VIVAX; PLASMODIUM OVALE; and PLASMODIUM MALARIAE; and transmitted by the bite of an infected female mosquito of the genus ANOPHELES. Malaria is endemic in parts of Asia, Africa, Central and South America, Oceania, and certain Caribbean islands. It is characterized by extreme exhaustion associated with paroxysms of high FEVER; SWEATING; shaking CHILLS; and ANEMIA. Malaria in ANIMALS is caused by other species of plasmodia. Year introduced: MALARIA CONTROL was heading 1963-1966

Malaria, Vivax

2. Malaria caused by PLASMODIUM VIVAX. This form of malaria is less severe than MALARIA FALCIPARUM, but there is a higher probability for relapses to occur. Febrile paroxysms occur every other day. Year introduced: 1992

Malaria, Cerebral

3. A condition characterized by somnolence or coma in the presence of an acute infection with PLASMODIUM FALCIPARUM (and rarely other Plasmodium species). Initial clinical manifestations include HEADACHES; SEIZURES; and alterations of mentation followed by a rapid progression to COMA. Pathologic features include cerebral capillaries filled with parasitized erythrocytes and multiple small foci of cortical and subcortical necrosis. (From Adams et al., Principles of Neurology, 6th ed, p136) Year introduced: 1992

Malaria, Falciparum

4. Malaria caused by PLASMODIUM FALCIPARUM. This is the severest form of malaria and is associated with the highest levels of parasites in the blood. This disease is characterized by irregularly recurring febrile paroxysms that in extreme cases occur with acute cerebral, renal, or gastrointestinal manifestations. Year introduced: 1992

From these results we note that the MeSH has listed 9 terms for Malaria.

PubMed search builder

Empty search builder input box

Add to search builder AND Search PubMed

Search details

"malaria"[MeSH Terms] OR malaria[Text Word]

Search See more...

Recent activity

Turn Off Clear

malaria (9) MeSH

Pre-Eclampsia MeSH

MeSH MeSH malaria Search

Save search Limits Advanced

Help

Display Settings: Summary, 20 per page

Send to:

Results: 9 Selected: 1

Malaria

1. A protozoan disease caused in humans by four species of the PLASMODIUM genus: PLASMODIUM FALCIPARUM; PLASMODIUM VIVAX; PLASMODIUM OVALE; and PLASMODIUM MALARIAE; and transmitted by the bite of an infected female mosquito of the genus ANOPHELES. Malaria is endemic in parts of Asia, Africa, Central and South America, Oceania, and certain Caribbean islands. It is characterized by extreme exhaustion associated with paroxysms of high FEVER; SWEATING; shaking CHILLS; and ANEMIA. Malaria in ANIMALS is caused by other species of plasmodia. Year introduced: MALARIA CONTROL was heading 1963-1966

Malaria, Vivax  
2. Malaria caused by PLASMODIUM VIVAX FALCIPARUM, but there is a higher proportion every other day. Year introduced: 1992

Malaria, Cerebral  
3. A condition characterized by somnolence or coma in the presence of an acute infection with PLASMODIUM FALCIPARUM (and rarely other Plasmodium species). Initial clinical manifestations include HEADACHES; SEIZURES; and alterations of mentation followed by a rapid progression to COMA. Pathologic features include cerebral capillaries filled with parasitized erythrocytes and multiple small foci of cortical and subcortical necrosis. (From Adams et al., Principles of Neurology, 6th ed, p136) Year introduced: 1992

Malaria, Falciparum  
4. Malaria caused by PLASMODIUM FALCIPARUM. This is the severest form of malaria and is associated with the highest levels of parasites in the blood. This disease is characterized by irregularly recurring febrile paroxysms that in extreme cases occur with acute cerebral, renal, or gastrointestinal manifestations. Year introduced: 1992

We have checked the box for the first for Malaria result from the MeSH search.

PubMed search builder

Empty search builder box

Add to search builder AND Search PubMed

Find related data

Search details

"malaria"[MeSH Terms] OR malaria[Text Word]

Search See more...

Recent activity

- Turn Off Clear "Malaria"[Mesh] (46526) PubMed malaria (9) MeSH



MeSH

MeSH malaria

Search

Save search Limits Advanced

Help

Display Settings: Summary, 20 per page

Send to: PubMed search builder

Format	Items per page
<input checked="" type="radio"/> Full	<input type="radio"/> 5
<input type="radio"/> Full (text)	<input type="radio"/> 10
<input type="radio"/> Summary	<input checked="" type="radio"/> 20
<input type="radio"/> Summary (text)	<input type="radio"/> 50
	<input type="radio"/> 100
	<input type="radio"/> 200

Apply

After clicking on *Malaria*, we will open the **Display Settings** drop down menu, click on the **Full** button and **Apply**.

to of the genus ANOPHELES. **Malaria** is endemic Oceania, and certain Caribbean islands. It is th paroxysms of high FEVER; SWEATING; shaking sed by other species of plasmodia.

Add to search builder AND Search PubMed

Find related data Database: Select Find items

m of **malaria** is less severe than **MALARIA**, elapses to occur. Febrile paroxysms often occur

every other day. Year introduced: 1992

**Malaria, Cerebral**

3. A condition characterized by somnolence or coma in the presence of an acute infection with PLASMODIUM FALCIPARUM (and rarely other Plasmodium species). Initial clinical manifestations include HEADACHES; SEIZURES; and alterations of mentation followed by a rapid progression to COMA. Pathologic features include cerebral capillaries filled with parasitized erythrocytes and multiple small foci of cortical and subcortical necrosis. (From Adams et al., Principles of Neurology, 6th ed, p136) Year introduced: 1992

Search details "malaria"[MeSH Terms] OR malaria[Text Word] Search See more...

The record for a MeSH term (**Malaria**) contains the definition, associated subheadings, a list of entry terms, and the tree view of MeSH.

Highlighted is the definition provided for **Malaria**. Note the subheadings listed on this page.

## Malaria

A protozoan disease caused in humans by four species of the PLASMODIUM genus: PLASMODIUM FALCIPARUM; PLASMODIUM VIVAX; PLASMODIUM OVALE; and PLASMODIUM MALARIAE; and transmitted by the bite of an infected female mosquito of the genus ANOPHELES. Malaria is endemic in parts of Asia, Africa, Central and South America, Oceania, and certain Caribbean islands. It is characterized by extreme exhaustion associated with paroxysms of high FEVER; SWEATING; shaking CHILLS; and ANEMIA. Malaria in ANIMALS is caused by other species of plasmodia.

Year introduced: MALARIA CONTROL was heading 1963-1966

PubMed search builder options

[Subheadings:](#)

- |  |                                       |  |
|--|---------------------------------------|--|
| <input type="checkbox"/> blood               | <input type="checkbox"/> epidemiology | <input type="checkbox"/> physiopathology               |
| <input type="checkbox"/> cerebrospinal fluid | <input type="checkbox"/> ethnology    | <input type="checkbox"/> prevention and control        |
| <input type="checkbox"/> chemically induced  | <input type="checkbox"/> etiology     | <input type="checkbox"/> psychology                    |
| <input type="checkbox"/> chemistry           | <input type="checkbox"/> genetics     | <input type="checkbox"/> radiography                   |
| <input type="checkbox"/> classification      | <input type="checkbox"/> history      | <input type="checkbox"/> radionuclide imaging          |
| <input type="checkbox"/> complications       | <input type="checkbox"/> immunology   | <input type="checkbox"/> statistics and numerical data |
| <input type="checkbox"/> congenital          | <input type="checkbox"/> metabolism   | <input type="checkbox"/> surgery                       |
| <input type="checkbox"/> diagnosis           | <input type="checkbox"/> microbiology | <input type="checkbox"/> therapy                       |
| <input type="checkbox"/> diet therapy        | <input type="checkbox"/> mortality    | <input type="checkbox"/> transmission                  |
| <input type="checkbox"/> drug therapy        | <input type="checkbox"/> nursing      | <input type="checkbox"/> ultrasonography               |
| <input type="checkbox"/> economics           | <input type="checkbox"/> parasitology | <input type="checkbox"/> urine                         |
| <input type="checkbox"/> education           | <input type="checkbox"/> pathology    | <input type="checkbox"/> veterinary                    |
| <input type="checkbox"/> embryology          | <input type="checkbox"/> pharmacology | <input type="checkbox"/> virology                      |
| <input type="checkbox"/> enzymology          | <input type="checkbox"/> physiology   |  |

Restrict to MeSH Major Topic.

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

Add to search builder AND Search PubMed

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

- Recent activity**
- Turn Off Clear
  - "Malaria"[Mesh] (46526) PubMed
  - malaria (9) MeSH
  - Pre-Eclampsia MeSH
  - preeclampsia (1) MeSH
  - antiretroviral agents (2) MeSH

- complications
- congenital
- diagnosis
- diet therapy
- drug therapy
- economics
- education
- embryology
- enzymology
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- pharmacology
- physiology
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

**Recent activity**

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

- "Malaria"[Mesh] (46526) PubMed
- malaria (9) MeSH
- Pre-Eclampsia MeSH
- preeclampsia (1) MeSH
- antiretroviral agents (2) MeSH

[See more...](#)

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

Tree Number(s): C03.752.530

- Entry Terms:**
- Marsh Fever
  - Fever, Marsh
  - Paludism
  - Remittent Fever
  - Fever, Remittent
  - Infections, Plasmodium
  - Infection, Plasmodium
  - Plasmodium Infection
  - Plasmodium Infections

For each MeSH term, **Entry Terms** also are listed along with **See Also** references.

- See Also:**
- [Antimalarials](#)
- [All MeSH Categories](#)  
[Diseases Category](#)  
[Parasitic Diseases](#)  
[Protozoan Infections](#)  
**Malaria**  
[Malaria, Avian](#)  
[Malaria, Cerebral](#)  
[Malaria, Falciparum](#)  
[Blackwater Fever](#)  
[Malaria, Cerebral](#)  
[Malaria, Vivax](#)

MeSH MeSH [input field] Search

Note how "Malaria[Mesh]" is displayed in the PubMed search builder box.

Display Settings: F

Send to: [dropdown]

Malaria

A protozoan disease caused in humans by four species of the PLASMODIUM genus: PLASMODIUM FALCIPARUM; PLASMODIUM VIVAX; PLASMODIUM OVALE; and PLASMODIUM MALARIAE; and transmitted by the bite of an infected female mosquito of the genus ANOPHELES. Malaria is endemic in parts of Asia, Africa, Central and South America, Oceania, and certain Caribbean islands. It is characterized by extreme exhaustion associated with paroxysms of high FEVER; SWEATING; shaking CHILLS; and ANEMIA. Malaria in ANIMALS is caused by other species of plasmodia.

Year introduced: MALARIA CONTROL was heading 1963-1966

PubMed search builder options

Subheadings:

- blood
- cerebrospinal fluid
- chemically induced
- chemistry
- classification
- complications
- congenital
- diagnosis
- diet therapy
- drug therapy
- economics
- education
- embryology
- enzymology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- pharmacology
- physiology
- radiography
- radionuclide imaging
- statistics and numerical data
- surgery
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

To complete a PubMed search with the Malaria MeSH term, we first will click on Add to search builder and then click on Search PubMed.

PubMed search builder

"Malaria" [Mesh]

Add to search builder AND [dropdown]

Search PubMed

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

Recent activity Turn Off Clear

malaria (9) MeSH See more...

Show additional filters

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

Send to:

Filter your results:

Results: 1 to 20 of 46526

<< First < Prev Page 1 of 2327 Next > Last >>

All (46526)

Free Full Text (12532) HINARI (16620)

Text availability Abstract available Free full text available Full text available

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Article types Clinical Trial Meta-Analysis Practice Guideline Randomized Controlled Trial Review Systematic Reviews more ...

Languages English more ...

Clear all

Show additional filters

1. Abstracts of Challenges in Malaria Research. Basel, Switzerland. October 10-12, 2012. [No authors listed] Malar J. 2012 Oct 15;11 Suppl 1:O1-56, P1-131. No abstract available. PMID: 23095681 [PubMed - indexed for MEDLINE] Free PMC Article Related citations

2. [New combination therapy against malaria]. Holtermann MK. Tidsskr Nor Laegeforen. 2012 Aug 21;132(15): PMID: 23097753 [PubMed - indexed for MEDLINE] Related citations

3. Seasonal abundance and distribution of Anopheles lesteri and Anopheles gambiae in an endemic area of western Thailand. Kongmee M, Achee NL, Lerdthusnee K, Bangs MJ, Chowpongpan S, Prabaripai A, Charoenviriyaphap T. Southeast Asian J Trop Med Public Health. 2012 May;43(3):601-13. PMID: 23077839 [PubMed - indexed for MEDLINE] Related citations

4. In vivo antimalarial activity of Ajuuga remota water extracts against Plasmodium berghei in mice. Gitua JN, Muchiri DR, Nguyen XA. Southeast Asian J Trop Med Public Health. 2012 May;43(3):545-8. PMID: 23077832 [PubMed - indexed for MEDLINE] Related citations

5. The challenges of malaria elimination in Yunnan Province, People's Republic of China. Xu J, Liu H.

We have displayed PubMed search results for the Malaria[Mesh] term. Note that there are 12532 Free Full Text articles and 16620 HINARI ones.

Results by year



First results of phase 3 trial of RTS,S/AS01 malaria [N Engl J Med. 2011]

Genome sequence of the human malaria parasite Plasmodium falciparum [Nature. 2002]

Global malaria mortality between 1980 and 2010: a systematic analysis [Lancet. 2012]

See more...

7946 free full-text articles in PubMed Central

Abstracts of Challenges in Malaria Research. Basel, Switz [Malar J. 2012]

The evolutionary consequences of blood-stage vaccination [PLoS Biol. 2012]

Partnering parasites: evidence of synergism [PLoS Negl Trop Dis. 2012]



MeSH **dengue**

- chimerivax dengue 4 vaccine
- classical dengue
- classical dengue fever
- classical dengue fevers
- classical dengues
- cytotoxic factor, dengue 2 virus induced
- den 3 prm protein, dengue virus type 3
- dengue
- dengue 2 virus induced cytotoxic factor

Turn off

Show additional filters

Text availability

- Abstract available
- Free full text available
- Full text available

Publication dates

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

Species

- Humans
- Other Animals

Article types

- Clinical Trial
- Meta-Analysis
- Practice Guideline
- Randomized Controlled Trial
- Review
- Systematic Reviews
- more ...

Languages

- English
- more ...

Clear all

Show additional filters

Display Settings:

Results: 1 to 20

- Abstracts of Challenges in Malaria Research. Malar J. 2012 Oct 12; 2012. [No authors listed] Malar J. 2012 Oct 12; PMID: 23095681 [PubMed - indexed for MEDLINE] [Related citations](#)
- [New combination therapy against malaria]. Holtermann MK. Tidsskr Nor Laegeforen. 2012 Aug 21;132(15):1741. Norwegian. No abstract available. PMID: 23097753 [PubMed - indexed for MEDLINE] [Related citations](#)
- Seasonal abundance and distribution of Anopheles larva endemic area of western Thailand. Kongmee M, Achee NL, Lerdthusnee K, Bangs MJ, Charoenviriyaphap T, Prabaripai A, Charoenviriyaphap T. Southeast Asian J Trop Med Public Health. 2012 May;43(3):601-13. PMID: 23077839 [PubMed - indexed for MEDLINE] [Related citations](#)
- In vivo antimalarial activity of Ajuga remota water extracts against Plasmodium berghei in mice. Gitua JN, Muchiri DR, Nguyen XA. Southeast Asian J Trop Med Public Health. 2012 May;43(3):545-8. PMID: 23077832 [PubMed - indexed for MEDLINE] [Related citations](#)
- The challenges of malaria elimination in Yunnan Province, People's Republic of China. Xu J, Liu H.

We will complete a search for the *Dengue MeSH* term. Note that other dengue related terms are listed in the drop down menu.

7946 free full-text articles in PubMed Central

Abstracts of Challenges in Malaria Research. Basel, Switz [Malar J. 2012]

The evolutionary consequences of blood-stage vaccina' [PLoS Biol. 2012]

Partnering parasites: evidence of synergism' [PLoS Negl Trop Dis. 2012]

MeSH MeSH dengue Search

Save search Limits Advanced

Help

Display Settings: Summary, 20 per page

Send to:

Results: 18 Selected: 1

PubMed search builder

Dengue

1. An acute febrile disease transmitted by the bite of Aedes mosquito is self-limiting and characterized by fever, myalgia, headache, and... FEVER is a more virulent form of dengue

There are 18 MeSH terms containing the term Dengue. We will click on the box for this (broadest) term

Dengue Hemorrhagic Fever

2. A virulent form of dengue characterized by THROMBOCYTOPENIA, increased vascular permeability (grades I and II) and distinguished by a positive pain test (e.g., FOURTH QUANTILE PAIN TEST). When accompanied by SHOCK (grades III and IV), it is called dengue shock syndrome. Year introduced: 1998

Dengue Virus

3. A species of the genus FLAVIVIRUS which causes an acute febrile and sometimes hemorrhagic disease in man. Dengue is mosquito-borne and four serotypes are known. Year introduced: 1966

Dengue Vaccines

4. Vaccines or candidate vaccines used to prevent infection with DENGUE VIRUS. These include live-attenuated, subunit, DNA, and inactivated vaccines. Year introduced: 2007

Find related data

Database: Select

Find items

Search details

"dengue"[MeSH Terms] OR dengue[Text Word]

MeSH search bar with 'dengue' entered and search options like 'Save search', 'Limits', 'Advanced', and 'Help'.

Display Settings: Summary, 20 per page

Display Settings dropdown menu with options for Format (Full, Full (text), Summary, Summary (text)) and Items per page (5, 10, 20, 50, 100, 200). Includes an 'Apply' button.

After clicking on *Dengue*, we will open the *Display Settings* drop down menu, click on the *Full Format* button and *Apply*.

- 3. A species of the genus FLAVIVIRUS which causes an acute febrile and sometimes hemorrhagic disease in man. Dengue is mosquito-borne and four serotypes are known. Year introduced: 1966
Dengue Vaccines
4. Vaccines or candidate vaccines used to prevent infection with DENGUE VIRUS. These include live-attenuated, subunit, DNA, and inactivated vaccines. Year introduced: 2007
dengue-2 virus-induced cytotoxic factor [Supplementary Concept]
5. RN refers to strain D2-05; MW 43-45 kDa; isoelectric point 6.5; has been sequenced Date introduced: June 22, 1994
glycoprotein E, dengue virus type 4 [Supplementary Concept]
6. Date introduced: October 23, 2002

Send to: PubMed search builder

PubMed search builder interface with search terms and operators like 'AND'.

Find related data section with a database selection dropdown and a 'Find items' button.

Search details section showing the search query: "dengue" [MeSH Terms] OR dengue [Text Word]

Search button and 'See more...' link.

Recent activity section with 'Turn Off' and 'Clear' options.



MeSH search bar with dropdown menu, search button, and links for Limits, Advanced, and Help.

Display Settings: Full

### Dengue

An acute febrile disease transmitted by the bite of Aedes mosquitoes infected with Dengue virus. It is self-limiting and characterized by fever, myalgia, headache, and rash. DENGUE HEMORRHAGIC FEVER is a more virulent form of dengue.

Here is the main *Dengue* MeSH record and associated subheadings.

PubMed search builder options

#### Subheadings:

- blood
- cerebrospinal fluid
- classification
- complications
- congenital
- diagnosis
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- physiopathology
- prevention and control
- psychology
- radiography
- statistics and numerical data
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

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

Tree Number(s): C02.081.270, C02.782.350.250.214, C02.782.417.214

Entry Terms:

- Classical Dengue Fever
- Classical Dengue Fevers
- Dengue Fever, Classical
- Dengue Fevers, Classical
- Dengue Fever
- Fever, Dengue

Add to search builder AND Search PubMed

#### Related information

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

#### Recent activity

- Turn Off Clear
- 🔍 dengue (18) MeSH
- 🔍 dengue (10207) PubMed
- 📄 Malaria MeSH
- 🔍 "Malaria"[Mesh] (46526) PubMed
- 🔍 malaria (9) MeSH
- See more...

MeSH

Display Settings: F

Dengue

An acute febrile disease... limiting and characteri... virulent form of dengue.

PubMed search builder options Subheadings:

- blood
- cerebrospinal fluid
- classification
- complications
- congenital
- diagnosis
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology
- pathology
- physiopathology
- prevention and control
- psychology
- radiography
- statistics and numerical data
- therapy
- transmission
- ultrasonography
- urine
- veterinary
- virology

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

Tree Number(s): C02.081.270, C02.782.350.250.214, C02.782.417.214  
Entry Terms:

We will search for the MeSH term *Dengue* with the subheadings of *epidemiology*, *prevention and control* and *transmission*. We have checked the boxes for these terms and clicked on *Add to Search Builder* and *Search PubMed*. Note the search terms in the PubMed search builder box.

Search [Search] Help

Send to: [v]

PubMed search builder

```
( "Dengue/epidemiology" [Mesh] OR "Dengue/prevention and control" [Mesh] OR "Dengue/transmission" )
```

self-more

Add to search builder AND [v]

Search PubMed

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

- Recent activity
- Turn Off Clear
- dengue (18) MeSH
  - dengue (10207) PubMed
  - Malaria MeSH
  - "Malaria"[Mesh] (46526)

PubMed ("Dengue/epidemiology"[Mesh] OR "Dengue/prevention and control"[Mes

Search

RSS Save search Advanced

Help

Show additional filters

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

Send to:

Filter your results:

Results: 1 to 20 of 3608

<< First < Prev Page 1 of 181 Next > Last >>

All (3608)

Free Full Text (1277)

HINARI (1560)

Text availability Abstract available Free full text available Full text available

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Article types Clinical Trial Meta-Analysis Practice Guideline Randomized Controlled Trial Review Systematic Reviews more ...

Languages English more ...

Clear all

Outbreak news. Dengue fever in Madeira, Portugal.

1. [No authors listed] Wkly Epidemiol Rec. 2012 Oct 26;87(43):413. English, French. No abstract available. PMID: 23113325 [PubMed - indexed for MEDLINE] Related citations

Changing pattern of dengue virus serotypes in Thailand between 2004 and 2010.

2. Pongsiri P, Themboonlers A, Poovorawan Y. J Health Popul Nutr. 2012 Sep;30(3):366-70. PMID: 23082638 [PubMed - indexed for MEDLINE] Related citations

Identification of dengue virus in Aedes mosquitoes and patients' sera from Si Sa Ket Province, Thailand.

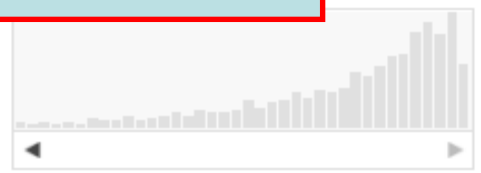
3. Teerasut C, Petphuwadee U, Thammapalo S, Jampangern W, Limkittikul K. Southeast Asian J Trop Med Public Health. 2012 May;43(3):641-5. PMID: 23077843 [PubMed - indexed for MEDLINE] Related citations

The serotype-independent but concentration-dependent enhancing antibodies among Thai dengue patients.

4. Teerasut C, Lei HY, Natthakorn K, Jittmittraphap A, Thammapalo S, Witayathawornwong P, Lin YT, Jarman RG, Sawanpanyalert P, Jampangern W, Limkittikul K. Southeast Asian J Trop Med Public Health. 2012 May;43(3):624-33. PMID: 23077841 [PubMed - indexed for MEDLINE] Related citations

In PubMed, the search has resulted in 3608 citations.

Manage Filters



Titles with your search terms

Update on dengue: epidemiology, virus evolution [Curr Infect Dis Rep. 2010]

Successful establishment of Wolbachia in Aedes polynesiensis [Nature. 2011]

Dengue virus virulence and transmission [Curr Top Microbiol Immunol. 2010]

See more...

555 free full-text articles in PubMed Central

Dengue infection in children in Ratchaburi [PLoS Negl Trop Dis. 2012]

Fine scale spatiotemporal clustering of dengue [PLoS Negl Trop Dis. 2012]

12. **Dengue infection in children in Ratchaburi, Thailand: a cohort study. I. Epidemiology of symptomatic acute dengue infection in children, 2006-2009.**

Sabchareon A, Sirivichayakul C, Limkittikul K, Chanthavanich P, Suvannadabba S, Jiwariyavej V, Dulvachai W, Pengsaa K, Margolis HS, Letson GW.

Department of Tropical Pediatrics, Faculty of Tropical Medicine, Mahidol University, Bangkok, Thailand. arunee.sab@mahidol.ac.th

**Abstract**

**BACKGROUND:** There is an urge their role in the control of the dis and prepare the site for a dengue

**METHODS AND FINDINGS:** We p primary schools in central Thaila epidemiology of dengue by activ detected by school absenteeism diagnostic testing. Dengue acco identified in 2882, 3104, 2717 ar respectively. Dengue incidence was 1.7 and 3.29% in 2009. Mean dengue incidence over the 4 years was 3.6%. Dengue virus (DENV) types were determined in 333 (84.5%) of positive specimens; DENV serotype 1 (DENV-1) was the most common (43%), followed by DENV-2 (29%), DENV-3 (20%) and DENV-4 (8%). Disease severity ranged from dengue hemorrhagic fever (DHF) in 42 (10.5%) cases, dengue fever (DF) in 142 (35.5%) cases and undifferentiated fever (UF) in 210 (52.5%) cases. All four DENV serotypes were involved in all disease severity. A majority of cases had secondary DENV infection, 95% in DHF, 88.7% in DF and 81.9% in UF. Two DHF (0.5%) cases had primary DENV-3 infection.

**CONCLUSION:** The results illustrate the high incidence of dengue with all four DENV serotypes in primary school children, with approximately 50% of disease manifesting as mild clinical symptoms of UF, not meeting the 1997 WHO criteria for dengue. Severe disease (DHF) occurred in one tenth of cases. Data of this type are required for clinical trials to evaluate the efficacy of dengue vaccines in large scale clinical trials.

PMID: 22860141 [PubMed - indexed for MEDLINE] PMCID: PMC3409110

[Free PMC Article](#)

[Related citations](#)



From the PubMed display setting drop down menu, we have clicked on the Abstract option. Note that the links to the full-text articles for the Free Full Text and HINARI citations is at the bottom of the abstract.

manifesting as mild clinical symptoms of DF, not meeting the 1997 WHO criteria for dengue. Severe disease (DHF) occurred in one tenth of cases. Data of this type are required for clinical trials to evaluate the efficacy of dengue vaccines in large scale clinical trials.

PMID: 22860141 [PubMed - indexed for MEDLINE] PMID: PMC3409110

[Free PMC Article](#)

[Related citations](#)



Publication Types, **MeSH Terms**, Substances

**Publication Types**

[Research Support, Non-U.S. Gov't](#)

**MeSH Terms**

- [Adolescent](#)
- [Antibodies, Viral/blood](#)
- [Child](#)
- [Child, Preschool](#)
- [Cohort Studies](#)
- [Denque/epidemiology\\*](#)
- [Denque/pathology\\*](#)
- [Denque Virus/isolation & purification\\*](#)
- [Female](#)
- [Humans](#)
- [Immunoenzyme Techniques](#)
- [Immunoglobulin G/blood](#)
- [Immunoglobulin M/blood](#)
- [Incidence](#)
- [Male](#)
- [Prospective Studies](#)
- [RNA, Viral/blood](#)
- [Reverse Transcriptase Polymerase Chain Reaction](#)
- [Severity of Illness Index](#)
- [Thailand/epidemiology](#)

**Substances**

- [Antibodies, Viral](#)
- [Immunoglobulin G](#)
- [Immunoglobulin M](#)
- [RNA, Viral](#)

If you click on the **Abstract** display/**MeSH Terms** (at the bottom of the abstract), you can view all the MeSH terms assigned to this article.



MeSH search bar with dropdown menu and Search button. Includes links for Limits, Advanced, and Help.

Display Settings: Full

Dengue
An acute febrile disease trans...
limiting and characterized by fe...
virulent form of dengue.

PubMed search builder options
Subheadings:

- checkbox blood
checkbox cerebrospinal fluid
checkbox classification
checkbox complications
checkbox congenital
checkbox diagnosis
checkbox drug therapy
checkbox economics
checkbox embryology
checkbox enzymology
checkbox epidemiology
checkbox immunology
checkbox mortality
checkbox nursing
checkbox parasitology
checkbox pathology
checkbox therapy
checkbox transmission
checkbox ultrasonography
checkbox urine
checkbox veterinary
checkbox virology

Below the subheadings are two check boxes – to restrict the search to Major Topic Headings or to not Explode a term.

When we restrict the search to Major Topic Headings only, we are selecting articles where the primary subject matter is Dengue.

We will click the box for this option, click on Add to search builder and then Search PubMed.

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

Tree Number(s): C02.081.270, C02.782.350.250.214, C02.782.417.214
Entry Terms:
• Classical Dengue Fever

PubMed search builder
"Dengue" [Majr]

Add to search builder AND Search PubMed

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

- Recent activity
Turn Off Clear
dengue (18) MeSH
dengue (10207) PubMed
Malaria MeSH
"Malaria"[Mesh] (46526) PubMed

Show additional filters

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

Send to:

Filter your results:

Results: 1 to 20 of 5248

<< First < Prev Page 1 of 263 Next > Last >>

All (5248)

Free Full Text (1843)

HINARI (2290)

Manage Filters

Text availability  
Abstract available  
Free full text available  
Full text available

Publication dates

5 years  
10 years  
Custom range...

Species

Humans  
Other Animals

Article types

Clinical Trial  
Meta-Analysis  
Practice Guideline  
Randomized Controlled Trial  
Review  
Systematic Reviews more ...

Languages

English  
more ...

Clear all

1. [Outbreak news. Dengue fever in Madeira, Portugal.](#)

[No authors listed]

Wkly Epidemiol Rec. 2012 Oct 26;87(43):413. English, French. No abstract available.

PMID: 23113325 [PubMed - indexed for MEDLINE]

[Related citations](#)

2. [Changing pattern of dengue virus serotypes in Thailand, 2010.](#)

2010.

Pongsiri P, Themboonlers A, Poovorawan Y.

J Health Popul Nutr. 2012 Sep;30(3):366-70.

PMID: 23082638 [PubMed - indexed for MEDLINE]

[Related citations](#)

3. [Identification of dengue virus in Aedes mosquitoes and patients' sera from Si Sa Ket Province, Thailand.](#)

Teerasut C, Petphuwadee U, Thammapalo S, Jampangern W, Limkittikul K.

Southeast Asian J Trop Med Public Health. 2012 May;43(3):641-5.

PMID: 23077843 [PubMed - indexed for MEDLINE]

[Related citations](#)

4. [The serotype-independent but concentration-dependent enhancing antibodies among Thai dengue patients.](#)

Teerasut C, Lei HY, Natthakorn K, Jittmittraphap A, Thammapalo S, Witayathawornwong P, Lin YT, Jarman RG, Sawanpanyalert P, Jampangern W, Limkittikul K.

Southeast Asian J Trop Med Public Health. 2012 May;43(3):624-33.

PMID: 23077841 [PubMed - indexed for MEDLINE]

[Related citations](#)

We have restricted this PubMed search to *Dengue [Majr]* and have 5248 citations.

Titles with your search terms

Dengue.

[N Engl J Med. 2012]

Dengue virus life cycle: viral and host factors modul; [Cell Mol Life Sci. 2010]

The human antibody response to dengue virus infection. [Viruses. 2011]

See more...

872 free full-text articles in PubMed Central

Dengue infection in children in Ratchabur [PLoS Negl Trop Dis. 2012]

Fine scale spatiotemporal clustering of dengue [PLoS Negl Trop Dis. 2012]

MeSH [MeSH] [asia] Search

Save search Limits Advanced

Help

Display Settings: Summary, 20 per page

Format	Items per page
<input checked="" type="radio"/> Full	<input type="radio"/> 5
<input type="radio"/> Full (text)	<input type="radio"/> 10
<input type="radio"/> Summary	<input checked="" type="radio"/> 20
<input type="radio"/> Summary (text)	<input type="radio"/> 50
	<input type="radio"/> 100
	<input type="radio"/> 200

Apply

We now will complete a **MeSH** search for the geographic location **Asia**. After entering the term in the search box, we will open the **Display Settings** drop down menu and click on the **Full Format** button and **Apply**.

...ans more specific  
 ...ources: from the As  
 ...the land of the risi  
 ...ical Dictionary, 19

BRUNEI; CAMBODIA; INDONESIA; LAOS; MALAYSIA;  
 the PHILIPPINES; SINGAPORE; THAILAND; and

[Asia, Western](#)

3. The geographical designation for the countries of the MIDDLE EAST and the countries BANGLADESH; BHUTAN; INDIA; NEPAL; PAKISTAN; and SRI LANKA. (From Random House Unabridged Dictionary, 2d ed, 1993 & Webster's New Geographical Dictionary, 1988)

[Asia, Central](#)

4. The geographical area of **Asia** comprising KAZAKHSTAN; KYRGYZSTAN; TAJIKISTAN; TURKMENISTAN; and UZBEKISTAN. The desert region of Kara Kum (Qara Qum) is largely in Turkmenistan and the desert region of Kyzyl Kum (Kizil Kum or Qizil Qum), is in Uzbekistan and Kazakhstan. (From Webster's New Geographical Dictionary, 1988, p233, 590, 636)  
 Year introduced: 1982

Send to:

PubMed search builder

Find related data

Database: Select

Find items

Search details

```
"asia"[MeSH Terms] OR
asia[Text Word]
```

Search

See more...

Recent activity



## Asia

The largest of the continents. It was known to the Romans more specifically as what we know today as Asia Minor. The name comes from at least two possible sources: from the Assyrian asu (to rise) or from the Sanskrit usa (dawn), both with reference to its being the land of the rising sun, i.e., eastern as opposed to Europe, to the west. (From Webster's New Geographical Dictionary, 1988, p82 & Room, Brewer's Dictionary of Names, 1992, p34)

PubMed search builder options

[Subheadings:](#)

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

Tree Number(s): Z01.252

Entry Terms:

- Southern Asia

[All MeSH Categories](#)

[Geographical Locations Category](#)

[Geographic Locations](#)

**Asia**

- [Asia, Central](#)
  - [Kazakhstan](#)
  - [Kyrgyzstan](#)
  - [Tajikistan](#)
  - [Turkmenistan](#)
  - [Uzbekistan](#)

- [Asia, Southeastern](#)
  - [Borneo](#)
  - [Brunei](#)
  - [Cambodia](#)
  - [East Timor](#)
  - [Indonesia](#)
  - [Laos](#)
  - [Malaysia](#)
  - [Mekong Valley](#)
  - [Myanmar](#)
  - [Philippines](#)
  - [Singapore](#)
  - [Thailand](#)
  - [Vietnam](#)

We now will have displayed the MeSH results for *Asia*. Note the country list for *Asia Southeastern*. We will click on *Vietnam*.

AND

MeSH

### Recent activity

- 
- "Asia"[Mesh] (441385) PubMed
- asia (10) MeSH
- Malaria MeSH
- malaria (9) MeSH
- [See more...](#)

MeSH

MeSH

Vietnam

Search

Save search Limits Advanced

Help

Display Settings: Summary

Send to:

Results: 2 Selected: 1

We will check the box for *Vietnam* and click on *Add to Search Builder* and *Search PubMed*.

[Vietnam](#)

1.

[Vietnam Conflict](#)

2. A conflict occurring from 1954 through 1975 within the Republic of **Vietnam**. It involved neighboring nations and the United States and other members of the Southeast Asia Treaty Organization.  
Year introduced: 2005

PubMed search builder

"Vietnam" [Mesh]

Add to search builder  
Search PubMed

AND

Find related data

Database:  
Select

Find items

PubMed "Vietnam"[Mesh]

Search

RSS Save search Advanced

Help

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

Filter your results:

Send to:

All (7692)

Free Full Text (1279)

HINARI (2560)

Manage Filters

Results: 1 to 20 of 7692

<< First < Prev Page 1 of 385 Next > Last >>

1. The legacy of war: an epidemiological study of cluster weapon and land mine accidents in Quang Tri Province, Vietnam.

Phung TK, Le V, Husum H. Southeast Asian J Trop Med Public Health. 2012 Jul;43(4):1035-41. PMID: 23077828 [PubMed - indexed for MEDLINE] Related citations

2. Saving Vietnam's wildlife.

Nghiem LT, Webb EL, C Science. 2012 Oct 12;338(6) abstract available. PMID: 23066058 [PubMed - indexed for MEDLINE] Related citations

3. Global research universities. Service RF.

Science. 2012 Sep 28;337(6102):1602-3. No abstract available. PMID: 23019626 [PubMed - indexed for MEDLINE] Related citations

4. Global research universities. Satellite labs extend science. Service RF.

Science. 2012 Sep 28;337(6102):1600-3. No abstract available. PMID: 23019625 [PubMed - indexed for MEDLINE] Related citations

Results by year



with your search

range exposure and attributed health effe [Mil Med. 2011] Health status of Army Chemical Corps Vietnam [Am J Ind Med. 2006] Postservice mortality among Vietnam veterans. Th [JAMA. 1987]

See more...

783 free full-text articles in PubMed Central

We have completed the PubMed search for Vietnam [Mesh] and have 7692 citations with 1279 Free Full Text and 2560 HINARI articles.

Show additional filters

Text availability Abstract available Free full text available Full text available

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Article types Clinical Trial Meta-Analysis Practice Guideline Randomized Controlled Trial Review Systematic Reviews more ...

MeSH developing countries Search

Show additional filters

Text availability Abstract available Free full text available Full text available

Publication dates 5 years 10 years Custom range...

Species Humans Other Animals

Article types Clinical Trial Randomized Controlled Trial Review more ...

Languages English more ...

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

Send to:

Filter your results: All (125) Free Full Text (66) HINARI (68)

Manage Filters

Results: 1 to 20 of 125

<< First < Prev Page 1 of 7 Next > Last >>

1. Clinical features of dengue in a large Vietnamese cohort: intrinsically lower platelet counts and greater risk for bleeding in adults than children.

Trung DT, Thao le TT, Dung NM, Ngoc T M, Tam DT, Farrar J, Simmons C, Wills B PLoS Negl Trop Dis. 2012;6(6):e1679. Epub 2012 May 23. PMID: 22745839 [PubMed - indexed for MEDLINE] Related citations

We now will complete a final MeSH search for Developing Countries.

2. Community-based control of Aedes aegypti by using Mesocyclops in southern Vietnam.

Sinh Nam V, Thi Yen N, Minh Duc H, Cong Tu T, Trong Thang V, Hoang Le N, Hoang San L, Le Loan L, Que Huong VT, Kim Khanh LH, Thuy Trang HT, Lam LZ, Kutcher SC, Aaskov JG, Jeffery JA, Ryan PA, Kay BH. Am J Trop Med Hyg. 2012 May;86(5):850-9. PMID: 22556087 [PubMed - indexed for MEDLINE] Free PMC Article Related citations

3. Association of mast cell-derived VEGF and proteases in Dengue shock syndrome.

Furuta T, Murao LA, Lan NT, Huy NT, Huong VT, Thuy TT, Tham VD, Nga CT, Ha TT, Ohmoto Y, Kikuchi M, Morita K, Yasunami M, Hirayama K, Watanabe N. PLoS Negl Trop Dis. 2012 May 23. PMID: 22745839 [PubMed - indexed for MEDLINE] Related citations

Find related data

Search details

(#19) AND #14

Search See more...

Recent activity

Turn Off Clear ("Vietnam"[Mesh])) AND (dengue) (125) PubMed

MeSH MeSH developing countries Search Save search Limits Advanced Help

Display Settings: Full

Developing Countries

Countries in the process of change of... capita consumption, and income. The... human resources, which results in a... Year introduced: 1971

PubMed search builder options Subheadings:

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

Tree Number(s): I01.615.500.300

- Entry Terms: Countries, Developing Country, Developing Country Under-Developed Countries Countries, Under-Developed Country, Under-Developed Under Developed Countries Under-Developed Country Third-World Nations Nation, Third-World Nations, Third-World Third World Nations Third-World Nation

Displayed is the MeSH results for Developing Countries. Note all the Entry Terms. We will click on Add to search builder and Search Pubmed.

PubMed search builder "Developing Countries" [Mesh] Add to search builder AND Search PubMed

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

Search details "developing countries" [MeSH Terms] OR developing countries[Text Word] Search See more...



Show additional filters

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

Filter your results:

Send to:

- All (58467)
- Free Full Text (7018)
- HINARI (14962)

Results: 1 to 20 of 58467

<< First < Prev Page 1 of 2924 Next > Last >>

Text availability

- Abstract available
- Free full text available
- Full text available

Publication dates

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

Species

- Humans
- Other Animals

Article types

- Clinical Trial
- Meta-Analysis
- Practice Guideline
- Randomized Controlled Trial
- Review
- Systematic Reviews
- more ...

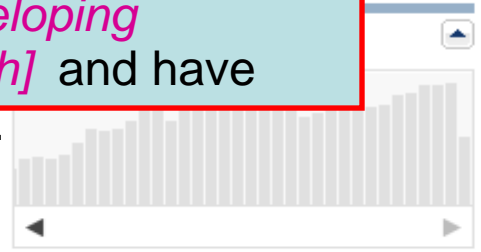
[Hypertension in developing countries.](#)  
 1. Koopman JJ, van Bodegom D, Beenakker RG.  
 Lancet. 2012 Oct 27;380(9852):1471-2. doi: 10.1016/S0140-6736(12)61840-6. No abstract available.  
 PMID: 23101715 [PubMed - indexed for MEDLINE]  
[Related citations](#)

[Hypertension in developing countries.](#)  
 2. Kowal P, Arokiasamy P, Lopez Ridaura R, Yong J, Minicuci N, Chatterji S.  
 Lancet. 2012 Oct 27;380(9852):1471. doi: 10.1016/S0140-6736(12)61840-6. No abstract available.  
 PMID: 23101714 [PubMed - indexed for MEDLINE]  
[Related citations](#)

[Geographic differentials in mortality of children in Mozambique: their implications for achievement of Millennium Development Goal 4.](#)  
 3. Macassa G, Ghilagaber G, Charsmar H, Walander A, Sundin Ö, Soares J.  
 J Health Popul Nutr. 2012 Sep;30(3):331-45.  
 PMID: 23082635 [PubMed - indexed for MEDLINE]  
[Related citations](#)

We have completed this PubMed search for *Developing Countries [Mesh]* and have

58467 citations.



Titles with your search terms

- Global nutrition transition and the pandemic of obesity [Nutr Rev. 2012]
- Obesity, the metabolic syndrome, and type 2 diabetes [J Am Coll Nutr. 2010]
- The effects of malnutrition on child mortality [Bull World Health Organ. 1995]

See more...

4118 free full-text articles in PubMed Central

Show additional filters

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

Send to:

Filter your results:

- All (96)
- Free Full Text (22)
- HINARI (33)

Results: 1 to 20 of 96

<< First < Prev Page 1 of 5 Next > Last >>

Manage Filters

Text availability

- Abstract available
- Free full text available
- Full text available

Publication dates

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

Species

- Humans
- Other Animals

Article types

- Meta-Analysis
- Review
- Systematic Reviews
- more ...

Languages

- English
- more ...

1. [Geographical information systems for dengue surveillance.](#)  
 Duncombe J, Clements A, Hu W, Weinstein P, Ritchie S, Espino FE.  
 Am J Trop Med Hyg. 2012 May;86(5):753-5. Review.  
 PMID: 22556070 [PubMed - indexed for MEDLINE]  
[Related citations](#)

2. [Im...](#)  
 20...  
 Mi...  
 Tra...  
 PM...  
[Related citations](#)

3. [\[Mixed design for the evaluation of the Mesoamerica Health 2015 initiative\].](#)  
 Gutiérrez JP, Téllez-Rojo MM, Torres P, Romero M, Bertozzi SM;  
 Subgrupo de Evaluación de Impacto.  
 Salud Publica Mex. 2011;53 Suppl 3:S386-95. Spanish.  
 PMID: 22344383 [PubMed - indexed for MEDLINE] **Free Article**  
[Related citations](#)

4. [\[Cost-effectiveness of public health practices: a literature review of public health interventions from the Mesoamerican Health Initiative\].](#)  
 Valencia-Mendoza A, Danese-diSantos LG, Sosa-Rubí SG, Aracena-

Find related data  
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**Thank You**

This presentation is heavily based on the training files on the official HINARI website