

## Améliorer sa performance de recherche sur Pubmed

S. Motamed  
Juillet 2013

## Organiser sa stratégie de recherche

- 1<sup>ère</sup> option: sources primaires (articles scientifiques)
  - PubMed
- 2<sup>ème</sup> option: sources secondaires (recommandations)
  - Institutions (universités, administration, etc.)
    - Ofsp
  - Sites « portails » colligeant l'information d'un domaine
    - HON (charte qualité!), CDC
  - Sites spécialisés/Avis d'experts
    - Safetravel
- 3<sup>ème</sup> option: moteurs de recherche généraux
  - Google

## 1<sup>ère</sup> option: PubMed

[www.ncbi.nlm.nih.gov/sites/entrez?o\\_tool=ichbfmglib](http://www.ncbi.nlm.nih.gov/sites/entrez?o_tool=ichbfmglib)

## La bfm pour trouver PubMed

The screenshot shows the website interface for the Bibliothèque de la Faculté de Médecine. On the left, there is a vertical navigation menu with the following items: ACCUEIL, INFOS PRATIQUES, RESSOURCES, SERVICES, ARCHIVE OUVERTE, and Plan du site. To the right of the menu, the text 'Bibliothèque de la Faculté de Médecine' is displayed. Below this, a central diagram features a purple circle labeled 'Vous cherchez...' with an arrow pointing to it from the left. Surrounding this central circle are several other purple circles, each containing text: 'bases de données du domaine biomédical', 'une base de données', 'un livre, une thèse', 'un article', 'un périodique', 'un répertoire, dictionnaire, ou protocole', 'des outils pour la recherche thématique', and 'toutes les bases de données de l'UNIGE'.

# Plusieurs bases de données

## Bases de données

- [Bases de données principales](#)
- [Autres bases de données](#)

accès libre	accès réservé UniGe + HUG	
<b>Bases de données principales</b>		
Bases de données	Domaines	Informations
<a href="#">CINAHL</a> (EBSCOhost)	Soins infirmiers	<a href="#">i</a>
<a href="#">Cochrane Library</a>	Evidence Based Medicine	<a href="#">i</a>
<a href="#">Embase</a>	Médecine, Pharmacie	<a href="#">i</a> guide: Laval
<a href="#">Faculty of 1000 Biology</a>	Bio-Médecine	<a href="#">i</a>
<a href="#">Journal Citation Reports</a>	Impact Factors	<a href="#">i</a>
<a href="#">MD-Consult</a>	Médecine clinique	<a href="#">i</a>
<a href="#">Medline - PubMed</a>	Médecine	<a href="#">i</a> Guide (119 Ko, <a href="#">i</a> )



# Cherchez des articles sur Pubmed

« Faut-il prendre de l'Aspirine pour éviter une attaque cérébrale? »

NCBI Resources How To  
PubMed.gov  
US National Library of Medicine  
National Institutes of Health  
PubMed | aspirin to prevent stroke  
RSS Save search Advanced  
Show additional filters Display Settings: Summary, 20 per page, Sorted by Recently Added Send to:  
Article types  
Clinical Trial  
Review  
More ...  
Text availability  
Abstract available  
Free full text available  
Results: 1 to 20 of 470  
<< First < Prev Page 1 of 24 Next > Last >>  
 [Mixed treatment comparison meta-analysis of aspirin, warfarin, and new anticoagulants for stroke prevention in patients with nonvalvular atrial fibrillation.](#)  
Assiri A, Al-Majzoub O, Kanaan AO, Donovan JL, Silva M.  
Clin Ther. 2013 Jul;35(7):967-984.e2. doi: 10.1016/j.clinthera.2013.05.011.  
PMID: 23870607 [PubMed - in process]

NCBI Resources How To  
PubMed.gov  
US National Library of Medicine  
National Institutes of Health  
PubMed | aspirin AND primary prevention AND stroke  
RSS Save search Advanced  
Show additional filters Display Settings: Summary, 20 per page, Sorted by Recently Added Send to:  
Article types  
Clinical Trial  
Review  
More ...  
Text availability  
Abstract available  
Full text available  
Results: 1 to 20 of 800  
<< First < Prev Page 1 of 40 Next > Last >>  
 [The Effect of Tobacco Control Measures during a Period of Rising Cardiovascular Disease Risk in India: A Mathematical Model of Myocardial Infarction and Stroke.](#)  
Basu S, Glantz S, Bitton A, Millett C.  
PLoS Med. 2013 Jul;10(7):e1001480. doi: 10.1371/journal.pmed.1001480. Epub 2013 Jul 9.  
PMID: 23874160 [PubMed - in process]

# Question de recherche

« Faut-il prendre de l'Aspirine pour éviter une attaque cérébrale? »



Question de recherche:

« Quelle place de l'aspirine dans la prévention primaire des accidents vasculaires cérébraux ? »



Dictionnaires online (ex. Wordreferences) pour trouver les termes anglais: aspirin et stroke

# Quick start PubMed

The screenshot shows the PubMed homepage. At the top, there is a search bar with a dropdown menu set to 'PubMed'. Below the search bar, there are several sections: 'Using PubMed' with links like 'PubMed Quick Start Guide', 'Full Text Articles', 'PubMed FAQs', 'PubMed Tutorials', and 'New and Noteworthy'; 'PubMed Tools' with links like 'PubMed Mobile', 'Single Citation Matcher', 'Batch Citation Matcher', 'Clinical Queries', and 'Topic-Specific Queries'; and 'More Resources' with links like 'MeSH Database', 'Journals in NCBI Databases', 'Clinical Trials', 'E-Utilities', and 'LinkOut'. Two orange callout boxes are present: one pointing to the 'PubMed Tutorials' link with the text 'Ici: tutoriaux', and another pointing to the 'MeSH Database' link with the text 'Ici: langage normalisé (thesaurus)'.

# MeSH: Medical Subjects Headings

- Regroupe l'ensemble des mots clés descripteurs qui définissent les sujets traités par les articles dans Medline
- Vocabulaire contrôlé, développé et mis à jour par la National Library of Medicine
- Thésaurus hiérarchisé et structuré en arbre

The screenshot shows the MeSH search results for the term 'stroke'. The search bar at the top contains 'MeSH' and 'stroke'. Below the search bar, there are options for 'Save search', 'Limits', and 'Advanced'. The results section shows 'Results: 14' and lists several MeSH terms: 'Stroke', 'Stroke, Lacunar', 'National Institute of Neurological Disorders and Stroke', 'Heat Stroke', 'Stroke Volume', and 'Infarction, Posterior Cerebral Artery'. A yellow callout box points to the 'Add to search builder' button next to the first result, 'Stroke'.

The screenshot shows the MeSH search results for the term 'aspirin'. The search bar at the top contains 'MeSH' and 'aspirin'. Below the search bar, there are options for 'Save search', 'Limits', and 'Advanced'. The results section shows 'Results: 1 to 20 of 39 Selected: 1' and lists several MeSH terms: 'Aspirin', 'Asthma, Aspirin-Induced', 'Bleeding Time', and 'Anti-Inflammatory Agents, Non-Steroidal'. A yellow callout box points to the search builder window, which shows the query: '(["stroke"[MeSH]) AND "Aspirin"[MeSH]'. Below the search builder, there are options for 'Add to search builder', 'AND', and 'Search PubMed'.

NCBI Resources How To Sign in to NCBI

MeSH MeSH : prevention, primary Search

Display Settings: Full Send to: PubMed Search Builder

PubMed Search Builder  
 [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]]

(Add to search builder) (AND) (Search PubMed)

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

Recent activity  
 Turn Off Clear

Primary Prevention MeSH  
 prevention, primary (1) MeSH  
 aspirin (39) MeSH  
 aspirine (0) MeSH

**Définition**  
 Primary Prevention  
 Specific practices for the prevention of disease or mental disorders in susceptible individuals or populations. These include HEALTH PROMOTION, including mental health; protective procedures, such as COMMUNICABLE DISEASE CONTROL, and monitoring and regulation of ENVIRONMENTAL POLLUTANTS. Primary prevention is to be distinguished from SECONDARY PREVENTION and TERTIARY PREVENTION. Year introduced: 1979

**Qualificatifs**  
 PubMed search builder options  
 Subheadings:  
 administration and dosage  
 adverse effects  
 classification  
 complications  
 contraindications  
 drug effects  
 economics  
 education  
 epidemiology  
 ethics  
 ethnology  
 etiology  
 history  
 immunology  
 injuries  
 instrumentation  
 legislation and jurisprudence  
 manpower  
 methods  
 mortality  
 nursing  
 organization and administration  
 pharmacology  
 physiology  
 prevention and control  
 psychology  
 standards  
 statistics and numerical data  
 supply and distribution  
 therapeutic use  
 therapy  
 trends  
 utilization  
 veterinary

**Sujet principal de l'article**  
 Restrict to MeSH Major Topic.  
 Do not include MeSH terms found below this term in the MeSH hierarchy.  
 Tree Number(s): N02.421.728.758, N06.850.780.680  
 Entry Terms:  
 • Prevention, Primary

NCBI Resources How To Sign in to NCBI

PubMed.gov PubMed : [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]} AND "Primary Prevention"[Majr]] Search

Show additional filters Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filters: Manage Filters

Article types  
 Review  
 More ...

Text availability  
 Abstract available  
 Free full text available  
 Full text available

Publication dates  
 5 years  
 10 years  
 Custom range...

Species  
 Humans

Clear all Show additional filters

Results: 19

1. [The role of aspirin in primary prevention of vascular events.](#)  
 Badri M, Saeed W, Sardar MR.  
 Am J Med. 2012 Dec;125(12):e11. doi: 10.1016/j.amjmed.2012.03.018. No abstract available.  
 PMID: 23164487 [PubMed - indexed for MEDLINE]  
[Related citations](#)

2. [Cost-effectiveness of apixaban compared with aspirin for stroke prevention in atrial fibrillation among patients unsuitable for warfarin.](#)  
 Lee S, Anglade MW, Meng J, Hagstrom K, Kluger J, Coleman CI.  
 Circ Cardiovasc Qual Outcomes. 2012 Jul 1;5(4):472-9. doi: 10.1161/CIRCOUTCOMES.112.965251. Epub 2012 Jun 26.  
 PMID: 22740012 [PubMed - indexed for MEDLINE] Free Article  
[Related citations](#)

3. [A poly pill for all? Critical review of the poly pill literature for primary prevention of cardiovascular disease and stroke.](#)  
 Carey KM, Comee MR, Donovan JL, Kanaan AO.  
 Ann Pharmacother. 2012 May;46(5):688-95. doi: 10.1345/aph.1Q621. Epub 2012 May 8. Review.  
 PMID: 22570437 [PubMed - indexed for MEDLINE]  
[Related citations](#)

4. [Systematic reporting bias in meta-analyses of trials of aspirin for the primary prevention of cardiovascular disease.](#)  
 Cleland JG.  
 Am J Med. 2012 Feb;125(2):e13. doi: 10.1016/j.amjmed.2011.08.027. No abstract available.  
 PMID: 22269629 [PubMed - indexed for MEDLINE]  
[Related citations](#)

5. [Aspirin versus warfarin in atrial fibrillation: decision analysis may help patients' choice.](#)  
 Romero-Ortuno R, O'Shea D.  
 Age Ageing. 2012 Mar;41(2):250-4. doi: 10.1093/ageing/afr165. Epub 2011 Dec 11.  
 PMID: 22156597 [PubMed - indexed for MEDLINE] Free Article  
[Related citations](#)

Titles with your search terms  
 Gender differences in the primary prevention of stroke with a [Womens Health (Lond Engl). 2011]  
 Aspirin for the primary prevention of stroke and other major vascular eve [Arch Neurol. 2000]  
 Protocol for Birmingham Atrial Fibrillation Treatment of the [BMJ Cardiovasc Disord. 2003]  
[See more...](#)

1 free full-text article in PubMed Central  
 Aspirin for the primary prevention of cardiovascular events: a sy [Diabetes Care. 2009]  
[See more...](#)

Find related data  
 Database: [Select]  
[Find items...](#)

Search details  
 [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]} AND "Primary Prevention"[Majr]]  
[Search](#) [See more...](#)

Recent activity  
 Turn Off Clear  
 [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]} AND "Primary Prevention"[Majr]]

NCBI Resources How To Sign in to NCBI

PubMed.gov PubMed : [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]} AND "Primary Prevention"[Majr]] Search

Show additional filters Display Settings: Summary, 20 per page, Sorted by Recently Added Send to: Filters: Manage Filters

Clear all

Article types  
 Review  
 More ...

Text availability  
 Abstract available  
 Free full text available  
 Full text available

Publication dates  
 5 years  
 10 years  
 Custom range...

Species  
 clear  
 Humans

Languages  
 clear  
 English  
 French  
 More ...

Clear all Show additional filters

Results: 16  
 Filters activated: Humans, English, French [Clear all](#)

1. [The role of aspirin in primary prevention of vascular events.](#)  
 Badri M, Saeed W, Sardar MR.  
 Am J Med. 2012 Dec;125(12):e11. doi: 10.1016/j.amjmed.2012.03.018. No abstract available.  
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 Lee S, Anglade MW, Meng J, Hagstrom K, Kluger J, Coleman CI.  
 Circ Cardiovasc Qual Outcomes. 2012 Jul 1;5(4):472-9. doi: 10.1161/CIRCOUTCOMES.112.965251. Epub 2012 Jun 26.  
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[Related citations](#)

3. [A poly pill for all? Critical review of the poly pill literature for primary prevention of cardiovascular disease and stroke.](#)  
 Carey KM, Comee MR, Donovan JL, Kanaan AO.  
 Ann Pharmacother. 2012 May;46(5):688-95. doi: 10.1345/aph.1Q621. Epub 2012 May 8. Review.  
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4. [Systematic reporting bias in meta-analyses of trials of aspirin for the primary prevention of cardiovascular disease.](#)

Titles with your search terms  
 Gender differences in the primary prevention of stroke with a [Womens Health (Lond Engl). 2011]  
 Aspirin for the primary prevention of stroke and other major vascular eve [Arch Neurol. 2000]  
 Protocol for Birmingham Atrial Fibrillation Treatment of the [BMJ Cardiovasc Disord. 2003]  
[See more...](#)

1 free full-text article in PubMed Central  
 Aspirin for the primary prevention of cardiovascular events: a sy [Diabetes Care. 2009]  
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Find related data  
 Database: [Select]  
[Find items...](#)

Search details  
 [{"Stroke"[Mesh]} AND "Aspirin"[Mesh]} AND "Primary Prevention"[Majr]] AND [{"Humans"[Mesh]}]

## Points forts du MeSH

- Donne la définition des termes
- Gère les synonymes
- Permet de récupérer des termes MeSH plus spécifiques
  - Include ou *Do not include MeSH terms below this term in the MeSH hierarchy*
- Permet de limiter les recherches aux articles dont le mot MeSH est le sujet principal
  - *Restrict to MeSH Major Topic*

# Points faibles du MeSH

- Ne permet pas d'obtenir les articles récents qui ne sont pas encore indexés.
  - Petit truc: pour obtenir les articles récents utilisez [tw] afin de chercher dans le titre et le résumé.

Ex. *Breast neoplams* [tw], puis cliquer sur les *limits* et sélectionner 1 an. Cela permet de récupérer des articles récents qui ne sont pas encore indexés. Pas d'option de choisir le terme comme sujet principal de l'article ou les qualificatifs (aspect particulier du sujet).

Search	Add to builder	Query	Items found	Time
#9	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr] Filters: Humans; English; French	16	08:34:34
#10	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr] Filters: Review; Humans; English; French	4	08:25:51
#8	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr] Filters: Humans; English	16	08:08:42
#5	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr] Filters: Humans	19	08:07:44
#7	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr] Filters: published in the last 5 years; Humans	15	08:07:34
#5	Add	Search (["Stroke"[Mesh]] AND "Aspirin"[Mesh]) AND "Primary Prevention"[Majr]	19	07:24:52

**The role of aspirin in primary prevention of vascular events.**  
 Badri Marwan M  
 The American Journal of medicine [0002-9343] Année:2012 volume:125 numéro:12 page:e11 -e11

Obtenir le texte intégral en ligne  
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 Année: 2012 Volume: 125 Numéro: 12 Page de début: e11

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 Supplément : The American journal of medicine supplements [1548-2766]  
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 Auteur: Badri Marwan M  
 Titre: The American Journal of medicine [0002-9343] Année:2012 volume:125 numéro:12 page:e11 -e11

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 Année: 2012 Volume: 125 Numéro: 12 Page de début: e11

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Display Settings: Abstract  
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Am J Med. 2013 May;126(5):373-8. doi: 10.1016/j.amjmed.2012.12.013. Epub 2013 Mar 14.

**Aspirin in the treatment and prevention of cardiovascular disease: past and current perspectives.**  
Hennekens CH, Dalen JE.  
Charles E. Schmidt College of Medicine, Florida Atlantic University, Boca Raton, FL 33432, USA. PROFCH@MD@prodigy.net

**Abstract**  
In secondary prevention among a wide range of patients who have survived a prior occlusive vascular event, as well as in the primary prevention of cardiovascular disease, aspirin produces statistically significant and clinically important reductions in the risk of myocardial infarction, stroke, and vascular death. In addition, the average absolute risk of subjects randomized in the primary prevention trials is low, and the absolute risk of bleeding is small. Until the available data are analyzed in a meta-analysis, nobody would disagree that a nonfatal myocardial infarction or stroke is more likely to be disabling than a fatal one. In the absence of a proven alternative, the appropriate and judicious use of aspirin by clinicians based on individual clinical judgments and the absolute risks of the drug, will avoid premature morbidity and possibly, mortality.  
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PMID: 23499330 [PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

1 selected item: 23499330 - PubMed

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Details  
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Limit authors  
Title words

Volume  
Issue  
First page

Limit authors  
 Only as first author  
 Only as last author

Search Clear form

## Aide mémoire internet

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[www.ncbi.nlm.nih.gov/sites/entrez?otool=ichbfmglib](http://www.ncbi.nlm.nih.gov/sites/entrez?otool=ichbfmglib)
- Site qui collige des ressources de la santé de qualité (fondation Health on the Net)  
[www.hon.ch](http://www.hon.ch)
- Office fédéral de la santé publique  
<http://www.bag.admin.ch/index.html?lang=fr>
- Meta moteur de recherche: [mamma.com](http://mamma.com) ou [dogpile.com](http://dogpile.com)
- Google
  - Ordre des mots important. Ajoutés par défaut. « OR » utile. Ne tient pas compte des majuscules
  - Référence tous les pages liées à une url Inurl:
  - Rechercher un mot dans un titre Initle:
  - Rechercher plusieurs mots dans un titre Allintitle:
  - Rechercher des mots dans le texte Allintext:
  - Chercher une expression exacte, utiliser des guillemets « ... »
  - Pour marquer la proximité entre 2 mots ...\*... »
  - Pour rechercher un certain type d'extensions filetype:ppt
  - Pour trouver une définition Define:
  - Rechercher dans un site internet Site:
- Google scholar, book, etc.