



PubMed

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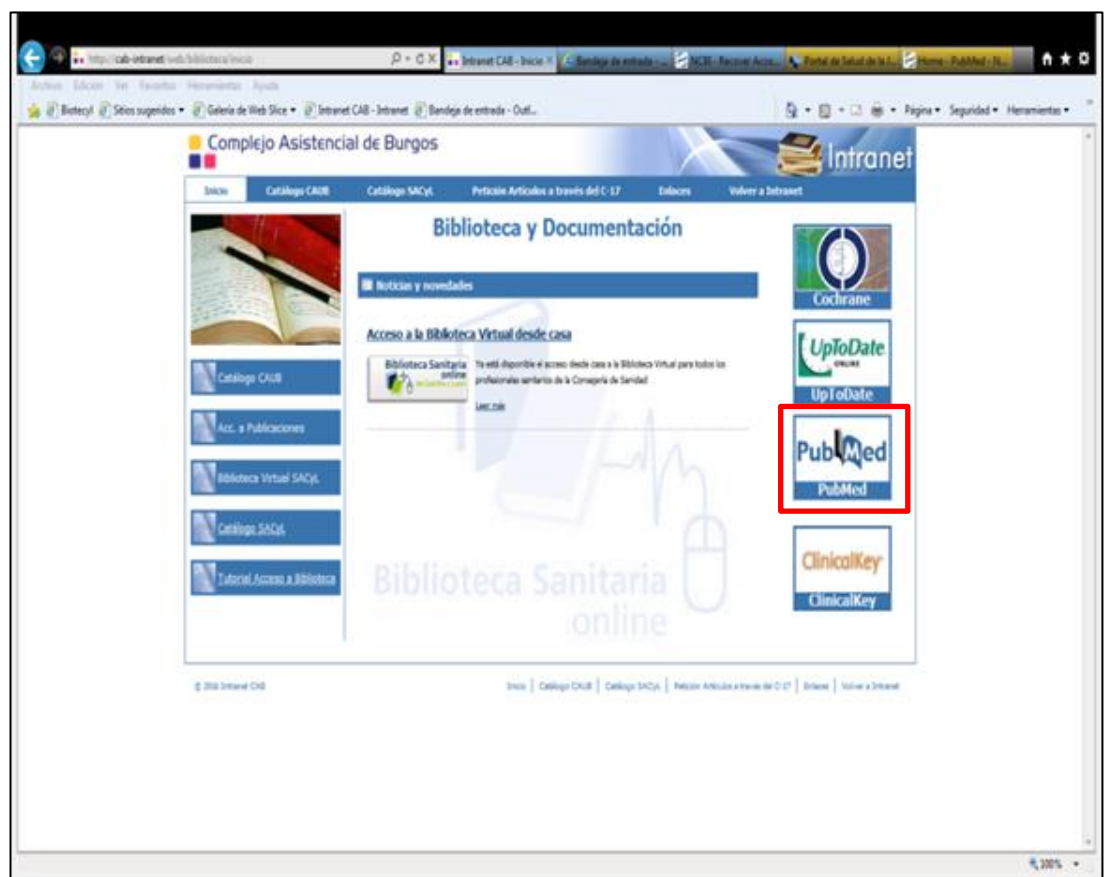
PUBMED

1-Qué es.

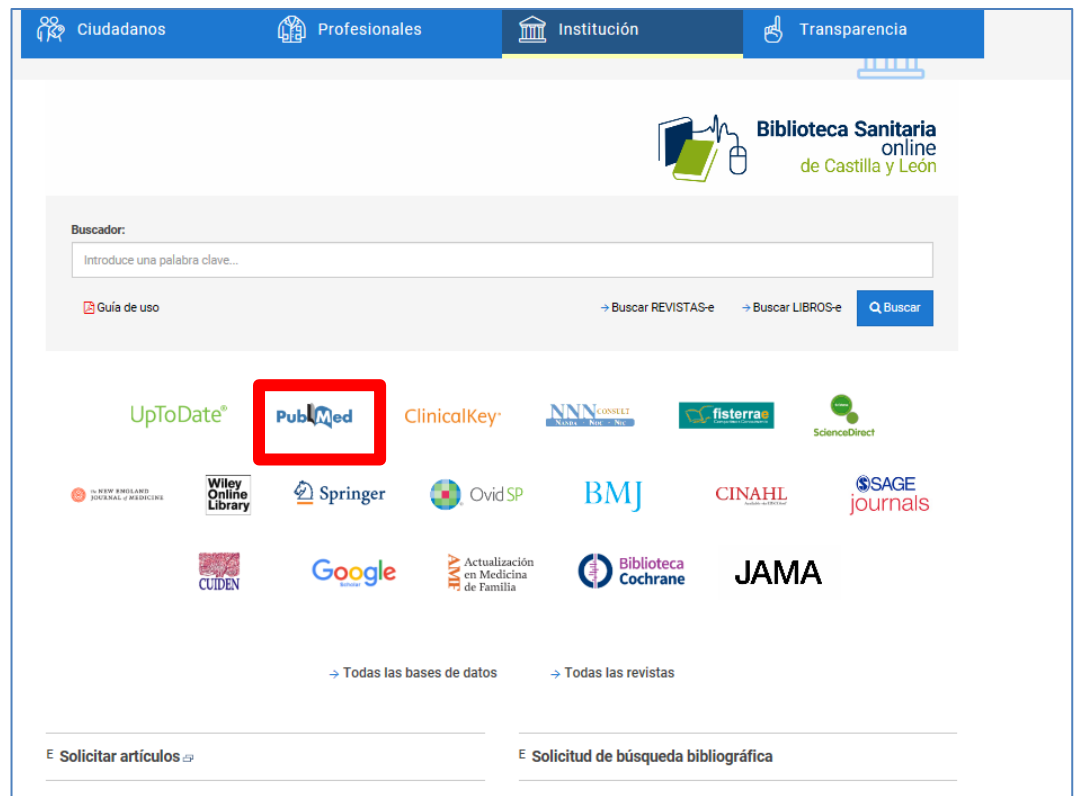
- Es un motor de búsqueda gratuito.
- De la base de datos MEDLINE de citas y resúmenes de artículos de investigación biomédica.
- Desarrollado por la Biblioteca Nacional de Medicina de los Estados Unidos (NLM).
- Contiene más de 15 millones de referencias bibliográficas de artículos provenientes de 4800 revistas internacionales de ciencias de la salud , publicadas en Estados Unidos y en más de 70 países de todo el mundo y las referencias de OLDMEDLINE desde 1953.

2-Dónde lo encontramos

En la Intranet del Hospital:

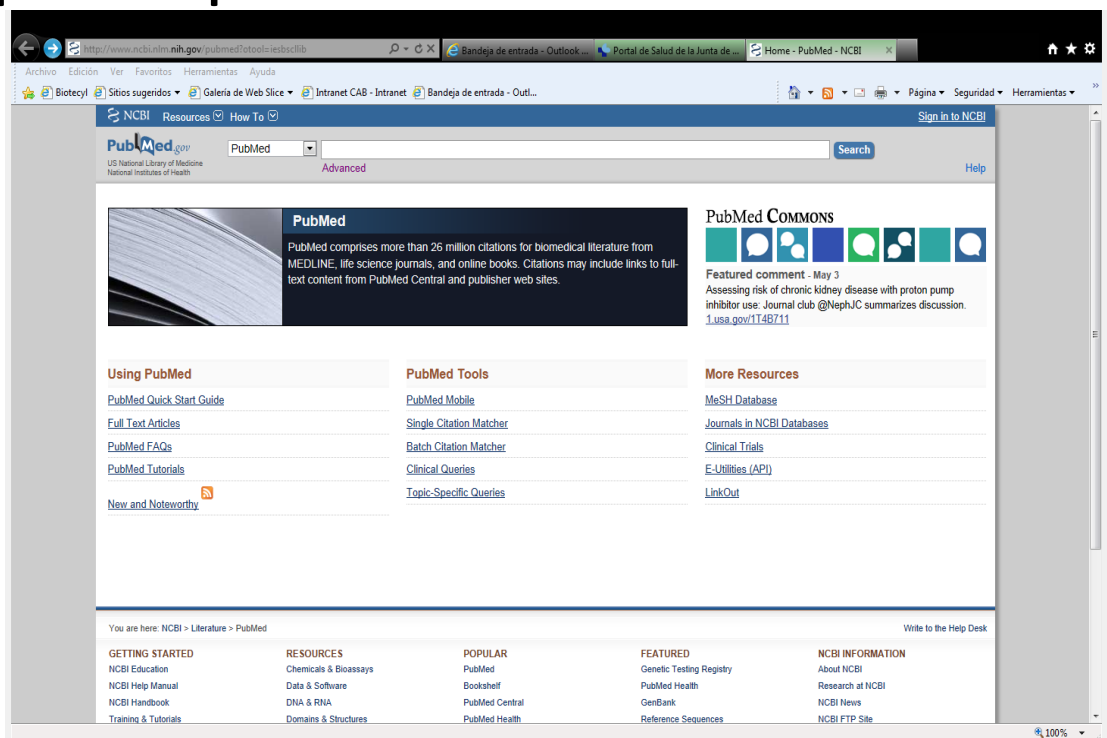


En la Biblioteca online de SACYL:



3-Tipos de búsquedas :

3-1- Busqueda simple



Si conocemos el **PMID** del artículo que buscamos, lo introducimos, y nos llevará directamente a él. Si no es así, y estamos buscando algo más general, podemos introducir un término de búsqueda, el nombre de una enfermedad, por ejemplo: «**Reumatoid arthritis**», y vemos que nos devuelve un total de **X** artículos sobre el tema.

The screenshot shows the PubMed search interface. The search term is 'rheumatoide artritis'. The search results section is highlighted with a red box and contains the following information:

- Search results**
- Items: 1 to 20 of 139367
- Showing results for *rheumatoid arthritis*. Search instead for *rheumatoide artritis* (1 item)
- 1. [Antirheumatic Prescribing Patterns and Direct Medicine Costs in the South African Private Health Sector.](#)
Olivier N, Lubbe M, Joubert R, Naudé A, Burger J. Value Health Reg Issues. 2018 Sep 15;16:74-80. doi: 10.1016/j.vhri.2018.05.002. [Epub ahead of print] PMID: 30227362 [Similar articles](#)
- 2. [Therapeutic effects of Smilax glabra and Bolbostemma paniculatum on rheumatoid arthritis using a rat paw edema model.](#)
Bao Y, Li H, Li QY, Li Y, Li F, Zhang CF, Wang CZ, Yuan CS. Biomed Pharmacother. 2018 Sep 15;108:309-315. doi: 10.1016/j.biopha.2018.09.004. [Epub ahead of print] PMID: 30227323 [Similar articles](#)
- 3. [Circadian rhythms and rheumatoid arthritis.](#)
Maurizio C. Joint Bone Spine. 2018 Sep 15. pii: S1297-319X(18)30178-7. doi: 10.1016/j.jbspin.2018.09.003. [Epub ahead of print] PMID: 30227223 [Similar articles](#)
- 4. [3,5-Di-C-beta-D-glucopyranosyl phloroacetophenone, a major component of Melicope ptelefolia, suppresses fibroblast activation and alleviates arthritis in a mouse model: Potential therapeutics for rheumatoid arthritis.](#)
Kim HJ, Choi JH, Hwang JH, Kim KS, Noh JR, Choi DH, Moon SJ, Kim HY, Kim SW, Choi S, Eum SM, Bach TT, Rho J, Lee JY, Park JG, Oh SR, Lee CH, Oh WK, Kim YH.

Podemos acotar resultados, con las opciones de la columna de la izquierda:

The screenshot shows the PubMed search interface for 'rheumatoid arthritis'. The left sidebar filter options are highlighted with a red box:

- Article types
 - Clinical Trial
 - Review
 - Customize ...
- 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](#)

The search results section shows 137661 items. The first four results are:

- [IL-6: A New Era for the Treatment of Autoimmune Inflammatory Diseases.](#)
Kishimoto T, Kang S, Tanaka T. In: Nakao K, Minato N, Uemoto S, editors. Innovative Medicine: Basic Research and Development [Internet]. Tokyo: Springer, 2015. PMID: 29787158 [Free Books & Documents](#)
- [Inhibition of Endothelial Progenitor Cells May Explain the High Cardiovascular Event Rate in Patients with Rheumatoid Arthritis.](#)
Adawi M, Pastuck N, Saaïda G, Sirchan R, Watad A, Blum A. QJM. 2018 May 16. doi: 10.1093/qjmed/hcy099. [Epub ahead of print] PMID: 29788448
- [Herpes Zoster in Patients Receiving JAK Inhibitors For Ulcerative Colitis: Mechanism, Epidemiology, Management, and Prevention.](#)
Colombel JF. Inflamm Bowel Dis. 2018 May 17. doi: 10.1093/ibd/izy150. [Epub ahead of print] PMID: 29788127
- [The Association of Disease Activity, Pro-Inflammatory Cytokines, and Neurotrophic Factors with Depression in Patients with Rheumatoid Arthritis.](#)
Cheon YH, Lee SG, Kim M, Kim HO, Sun Suh Y, Park KS, Kim RB, Yang HS, Kim JM.

Por ejemplo: Todos los artículos de revisión a texto completo gratuitos sobre este tema del último año:

NCBI Resources How To Sign in to NCBI

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

Search: rheumatoid arthritis

Format: Summary Sort by: Most Recent Per page: 20

Article types: Clinical Trial, Review (checked), Abstract, Full text (checked)

Text availability: Abstract, Full text (checked)

Publication date: Custom date range (2018/01/01 to 2018/12/31)

Filters activated: Review, Free full text. Clear all to show 137661 items.

Search results: Items: 1 to 20 of 4098

1. [Pharmacological Effects of Plants in Genus Cynanchum Linn. \(Asclepiadaceae\)](#). Han L, Zhou X, Yang M, Zhou L, Deng X, Wei S, Wang W, Wang Z, Qiao X, Bai C. *Molecules*. 2018 May 15;23(5): pii: E1194. doi: 10.3390/molecules23051194. **Review**. PMID: 29772722 **Free Article**

2. [Biosimilars Have Arrived: Rituximab](#). Greenwald M, Tesser J, Sewell KL. *Arthritis*. 2018 Mar 22;2018:3762864. doi: 10.1155/2018/3762864. eCollection 2018. **Review**. PMID: 29765782 **Free PMC Article**

3. [The role of inflammation in the development of epilepsy](#). Rana A, Musto AE. *J Neuroinflammation*. 2018 May 15;15(1):144. doi: 10.1186/s12974-018-1192-7. **Review**. PMID: 29764485 **Free PMC Article**

4. [Anemia, Screening](#). Freeman AM, Morando DW. *StatPearls [Internet]*. Treasure Island (FL): StatPearls Publishing; 2018 Jan.-2018 Apr 23. PMID: 29763080 **Free Books & Documents**

Results by year: Bar chart showing search results over time.

Related searches: rheumatoid arthritis treatment, rheumatoid arthritis review, rheumatoid arthritis cardiovascular, early rheumatoid arthritis, methotrexate rheumatoid arthritis

Titles with your search terms: Inhibition of Endothelial Progenitor Cells

Podemos ver los filtros aplicados:

NCBI Resources How To Sign in to NCBI

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

Search: rheumatoid arthritis

Format: Summary Sort by: Most Recent Per page: 20

Article types: Clinical Trial, Review (checked), Abstract, Full text (checked)

Text availability: Abstract, Full text (checked)

Publication date: From 2018/01/01 to 2018/12/31 (checked)

Filters activated: Review, Free full text, Publication date from 2018/01/01 to 2018/12/31. Clear all to show 137661 items.

Search results: Items: 1 to 20 of 102

1. [Ethnobotany, Phytochemistry and Pharmacological Effects of Plants in Genus Cynanchum Linn. \(Asclepiadaceae\)](#). Han L, Zhou X, Yang M, Zhou L, Deng X, Wei S, Wang W, Wang Z, Qiao X, Bai C. *Molecules*. 2018 May 15;23(5): pii: E1194. doi: 10.3390/molecules23051194. **Review**. PMID: 29772722 **Free Article**

2. [Biosimilars Have Arrived: Rituximab](#). Greenwald M, Tesser J, Sewell KL. *Arthritis*. 2018 Mar 22;2018:3762864. doi: 10.1155/2018/3762864. eCollection 2018. **Review**. PMID: 29765782 **Free PMC Article**

3. [The role of inflammation in the development of epilepsy](#). Rana A, Musto AE. *J Neuroinflammation*. 2018 May 15;15(1):144. doi: 10.1186/s12974-018-1192-7. **Review**. PMID: 29764485 **Free PMC Article**

4. [Anemia, Screening](#). Freeman AM, Morando DW. *StatPearls [Internet]*. Treasure Island (FL): StatPearls Publishing; 2018 Jan.-2018 Apr 23. PMID: 29763080 **Free Books & Documents**

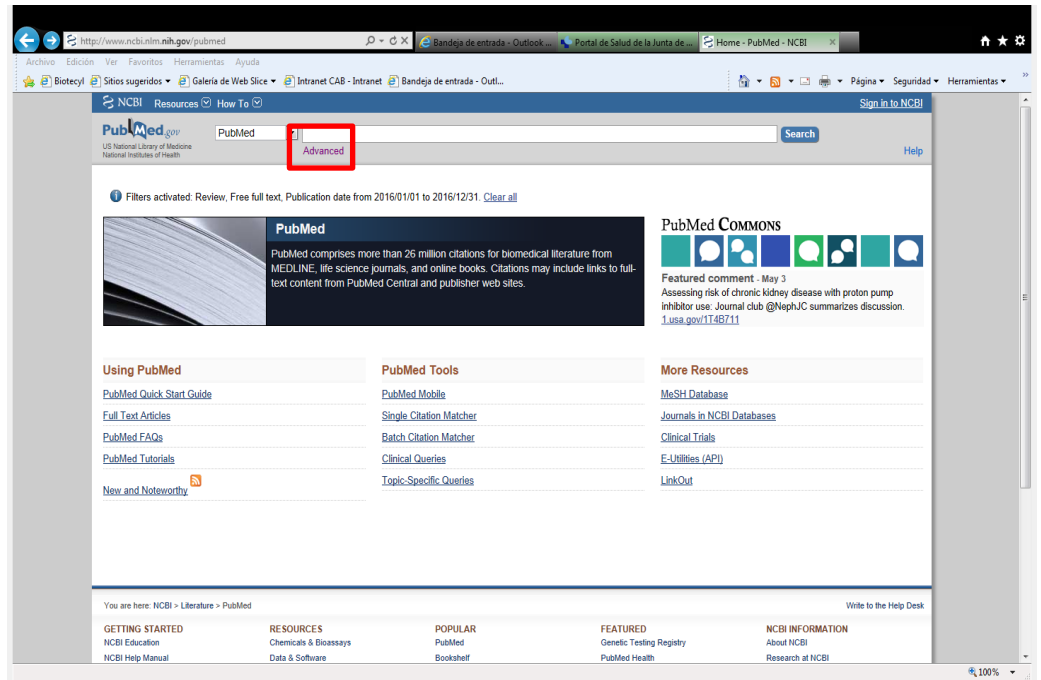
Results by year: Bar chart showing search results over time.

Related searches: rheumatoid arthritis treatment, rheumatoid arthritis review, rheumatoid arthritis cardiovascular, early rheumatoid arthritis, methotrexate rheumatoid arthritis

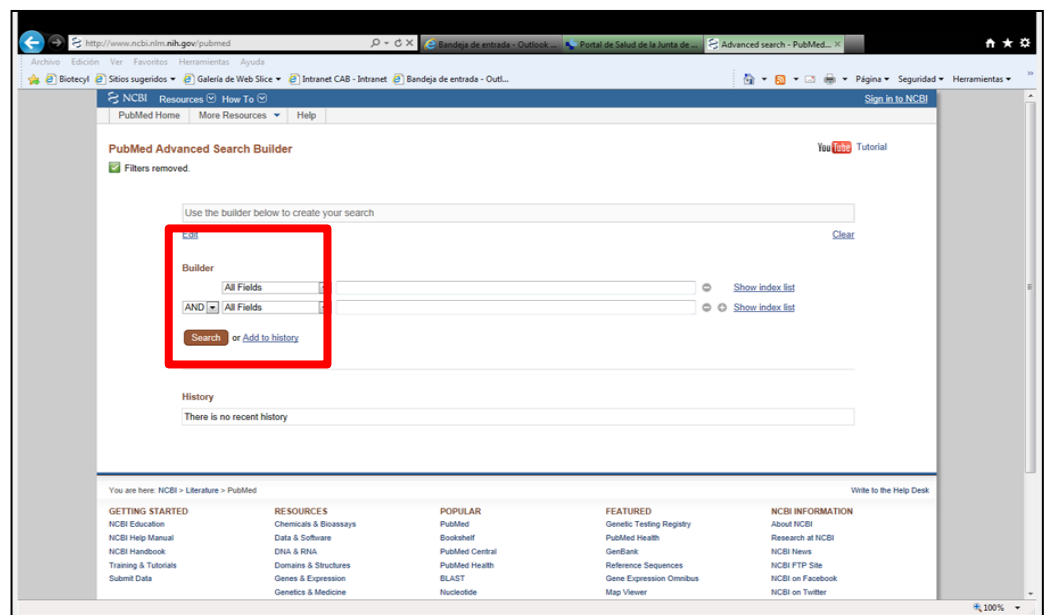
Titles with your search terms: Inhibition of Endothelial Progenitor Cells May Explain the High Cardiovascular Risk [QJM. 2018], The Association of Disease Activity, Pro-Inflammatory Cytokines and Disease Activity in Synovial Explants from Rheumatoid Arthritis [PLoS One. 2018]

3-2- Búsqueda avanzada.

Nos sirve para cuando estemos buscando determinados artículos de los cuales no conozcamos su PMID o su título, pero si otros datos.



Tenemos que especificar que artículo o artículos estamos buscando con la ayuda del constructor de campos:



Ejemplo: Buscar , de la revista SLEEP & BREATHING, este artículo:

-Título : The association between ophthalmologic diseases and obstructive sleep apnea: a systematic review and meta-analysis.

-Autores: Huon, Leh-Kiong; y otros;

-Año 2016

The screenshot shows the PubMed Advanced Search Builder interface. At the top, there are navigation links for 'PubMed Home', 'More Resources', and 'Help'. The main heading is 'PubMed Advanced Search Builder' with a 'History deleted' status. A search query is entered in a text box: `((("Sleep & breathing = Schlaf & Atmung"[Journal]) AND Huon, Leh Kiong[Author]) AND ("2016/01/01"[Date - Create] : "2016/12/31"[Date - Create]))`. Below the query are 'Edit' and 'Clear' links. The 'Builder' section contains four search criteria: 'Journal' (Sleep & breathing = Schlaf & Atmung), 'Author' (Huon, Leh Kiong), 'Date - Create' (2016/01/01 to 2016/12/31), and 'All Fields'. Each criterion has a 'Show index list' link. At the bottom, there are 'Search' and 'Add to history' buttons, and a 'History' section that is currently empty.

Vemos que nos lleva a resumen del artículo. Si queremos descargar el texto completo en pdf, pinchamos en el icono de la Biblioteca online:

PubMed
US National Library of Medicine
National Institutes of Health

Search: in Kiong[Author] AND ("2016/01/01"[Date - Create] : "2016/12/31"[Date - Create])

Format: Abstract -

Sleep Breath. 2016 Dec;20(4):1145-1154. doi: 10.1007/s11325-016-1358-4. Epub 2016 May 26.

The association between ophthalmologic diseases and obstructive sleep apnea: a systematic review and meta-analysis.

Huon LK^{1,2,3,4}, Liu SY⁴, Camacho M^{3,4,5}, Guillemainault C^{6,7}.

Author information

Abstract
PURPOSE: The purpose of this study was to evaluate the association between obstructive sleep apnea (OSA) and ophthalmologic diseases, specifically glaucoma, nonarteritic anterior ischemic optic neuropathy (NAION), retinal vein occlusion (RVO), central serous chorioretinopathy (CSR), and floppy eyelid syndrome (FES), by performing a systematic review and meta-analysis of published studies.
METHODS: PubMed, Embase, and Scopus databases were searched for observational studies on OSA and its association with select ophthalmologic diseases. Data was pooled for random-effects modeling. The association between OSA and ophthalmologic diseases was summarized using an estimated pooled odds ratio with a 95 % confidence interval.
RESULTS: Relative to non-OSA subjects, OSA subjects have increased odds of diagnosis with glaucoma (pooled odds ratio (OR) = 1.242; P < 0.001) and floppy eyelids syndrome (pooled OR = 4.157; P < 0.001). In reverse, the overall pooled OR for OSA was 1.746 (P = 0.002) in the glaucoma group, 3.126 (P = 0.000) in the NAION group, and 2.019 (P = 0.028) in the CSR group. For RVO, one study with 5965 OSA patients and 29,669 controls demonstrated a 1.94-fold odds increase in OSA patients.
CONCLUSIONS: Our results suggest significant associations between OSA and glaucoma, NAION, CSR, and FES. Screening for OSA should be considered in patients with glaucoma, NAION, CSR, or FES.

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Similar articles
 The Association Between Obstructive Sleep Apnea and No [Curr Eye Res. 2016]
 Floppy eyelid syndrome as an indicator of the presence of glaucc [J Glaucoma. 2014]
 Review Obstructive sleep apnea and nonarteritic anteri [J Clin Sleep Med. 2013]
 Ophthalmic Diseases in Patients With Obstructive [J Am Osteopath Assoc. 2016]
 Review The eye and sleep apnea. [Sleep Med Rev. 2007]

Related information

Y si lo tiene la Biblioteca de SACYL, aparecerá este mensaje: [Texto completo disponible en](#), sobre el que pincharíamos

Archivo Edición Ver Favoritos Herramientas Ayuda

Bandeja de entrada - Out... Sitios sugeridos Intranet CAB - Intranet Bandeja de entrada - Out... Peticiones

Biblioteca Sanitaria online de Castilla y León
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 Consejería de Sanidad
 GOBIERNO DE ESPAÑA
 MINISTERIO DE SANIDAD, POLÍTICAS SOCIALES E IGUALDAD

Título: The association between ophthalmologic diseases and obstructive sleep apnea: a systematic review and meta-analysis.
Fuente: Sleep & breathing [1520-9512] Huon, Leh-Kiong Año:2016 vol.:20 iss:4 pág.:1145 -1154

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Y nos llevaría a la revista o directamente al artículo, cuyo pdf podríamos descargar.

The screenshot shows the SpringerLink interface for the article. At the top, there is a search bar and navigation links for Home, Contact us, and Log in. The article title is prominently displayed, along with the journal name 'Sleep and Breathing' and issue information: 'December 2016, Volume 20, Issue 4, pp 1145-1154'. Below the title, the authors are listed: 'Leh-Kiong Huon, Stanley Yung-Chuan Liu, Macario Camacho, Christian Guilleminault'. There are also statistics for the article: 4 Shares, 910 Downloads, and 5 Citations. A sidebar on the right contains a 'Download PDF' button and a list of article sections including Abstract, Introduction, Materials and methods, Results, Discussion, Conclusions, Notes, References, Copyright information, and About this article. The main content area shows the start of the 'Abstract' section with the heading 'Purpose'.

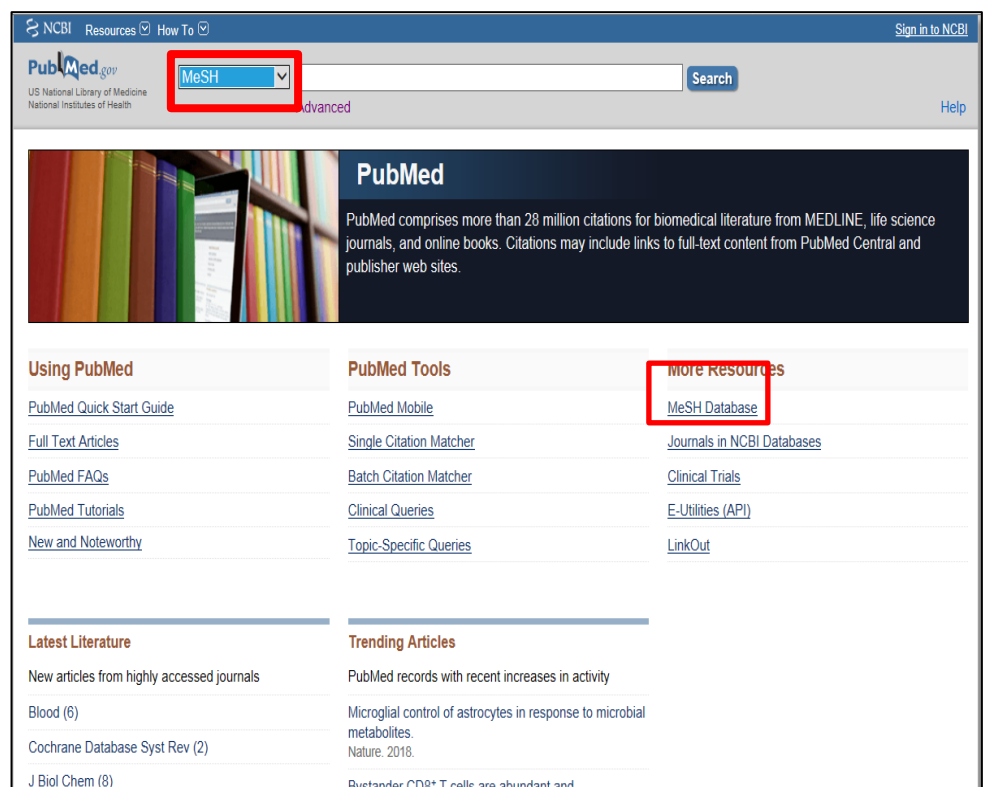
The screenshot shows the PDF document of the article. At the top, there is a warning message: 'archivo que ha abierto cumple el estándar PDF/A y se ha abierto en modo de sólo lectura para evitar su modificación.' Below this, the article title and authors are repeated. The abstract section is visible, starting with the 'Purpose' paragraph. The text of the abstract is as follows: 'Purpose The purpose of this study was to evaluate the association between obstructive sleep apnea (OSA) and ophthalmologic diseases, specifically glaucoma, nonarteritic anterior ischemic optic neuropathy (NAION), retinal vein occlusion (RVO), central serous chorioretinopathy (CSR), and floppy eyelid syndrome (FES), by performing a systematic review and meta-analysis of published studies. Methods PubMed, Embase, and Scopus databases were searched for observational studies on OSA and its association with select ophthalmologic diseases. Data was pooled for random-effects modeling. The association between OSA and ophthalmologic diseases was summarized using an estimated pooled odds ratio with a 95 % confidence interval. Results Relative to non-OSA subjects, OSA subjects have increased odds of diagnosis with glaucoma (pooled odds ratio (OR) = 1.242, P < 0.001) and floppy eyelid syndrome (pooled OR = 4.157, P < 0.001). In reverse, the overall pooled OR for OSA was 1.746 (P = 0.002) in the glaucoma group, 3.126 (P = 0.000) in the NAION group, and 2.019 (P = 0.023) in the CSR group. For RVO, one study with 5965 OSA patients and 29,669 controls demonstrated a 1.94-fold odds increase in OSA patients. Conclusion Our results suggest significant associations between OSA and glaucoma, NAION, CSR, and FES. Screening for OSA should be considered in patients with glaucoma, NAION, CSR, or FES. Keywords Obstructive sleep apnea · Glaucoma · Floppy eyelids · Nonarteritic anterior ischemic optic neuropathy · Central serous chorioretinopathy'. The 'Introduction' section begins with 'Obstructive sleep apnea (OSA) is characterized by recurrent episodes of partial or complete upper airway obstruction during sleep that is associated with desaturation and re-oxygenation sequences that can stress the cardiovascular system'.

Si no lo tiene la Biblioteca de SACYL , haremos clic en: [Solicitar a biblioteca vía C17](#), para que la bibliotecaria lo solicite a otra biblioteca.



3-3- Búsqueda con lenguaje MESH:

El **MESH** (Medical Subject Headings) es **el tesoro de Medline, un vocabulario controlado** que contiene los descriptores (PALABRAS CLAVE), utilizados en esta base de datos.



A los documentos que tratan sobre un mismo tema se les asigna el mismo descriptor, por ejemplo: el autor puede utilizar la palabra **flu** o la palabra **gripe** (gripe) pero en el MeSH se le asigna **Influenza Human**, que es el término aceptado en el tesoro MeSH.

El **MeSH** permite **aumentar la eficacia de nuestras estrategias** porque las definimos de una manera más exacta.

The screenshot shows the MeSH search interface. The search term 'flu' is entered in the search box. The results are displayed as a list of 20 items. The first four items are:

- Influenza, Human**: An acute viral infection in humans involving the respiratory tract. It is marked by inflammation of the NASAL MUCOSA; the PHARYNX; and conjunctiva, and by headache and severe, often generalized, myalgia. Year introduced: 2006 (1963)
- Multi-Ingredient Cold, Flu, and Allergy Medications**: A broad category of multi-ingredient preparations that are marketed for the relief of upper respiratory symptoms resulting from the COMMON COLD; ALLERGIES; or HUMAN INFLUENZA. While the majority of these medications are available as OVER-THE-COUNTER DRUGS some of them contain ingredients that require them to be sold as PRESCRIPTION DRUGS or as BEHIND-THE COUNTER DRUGS. Year introduced: 2011
- Influenza Pandemic, 1918-1919**: The influenza outbreaks of 1918 to 1919 also known as Spanish flu pandemic. First reported in Haskell County in Kansas in March of 1918 the disease spread throughout the world and may have killed as many as 25 million people. Year introduced: 2014
- Influenza Vaccines**: Vaccines used to prevent infection by viruses in the family ORTHOMYXOVIRIDAE. It includes both killed and

Lo primero que tenemos que hacer por tanto es buscar esos descriptores **mesh** que sustituyan a nuestras palabras, para luego, sí, buscar en PUBMED.

Vamos a utilizar como ejemplo **“el tratamiento de la sinusitis con amoxicilina”**. Para ello, escribiremos ambos términos, en el cajetín de búsqueda.

The screenshot shows the PubMed search interface. The search term 'sinusitis' is entered in the search box. A dropdown menu is displayed, showing a list of related MeSH terms:

- dextrocardia, bronchiectasis, and sinusitis
- ethmoid sinusitis
- ethmoidal sinusitis
- frontal sinusitis
- maxillary sinusitis
- sinusitis
- sinusitis infertility syndrome
- sinusitis, ethmoid
- sinusitis, ethmoidal
- sinusitis, frontal
- sinusitis, maxillary
- sinusitis, sphenoid
- sinusitis, sphenoidal
- sphenoid sinusitis
- sphenoidal sinusitis

Nos encontramos con varias opciones entre las que elegir. Podemos ir abriendo uno a uno todos los descriptores propuestos para ver cuál nos interesa más (según su definición, posición jerárquica, etc.) o

podemos seleccionar directamente el que creamos a simple vista que más se ajusta a nuestro interés. En nuestro caso, la mejor opción es la primera: **Sinusitis**

The screenshot shows the MeSH search results for the term 'sinusitis'. The search results are listed as follows:

- Sinusitis**
1. Inflammation of the NASAL MUCOSA in one or more of the PARANASAL SINUSES.
- Sphenoid Sinusitis**
2. Inflammation of the NASAL MUCOSA in the SPHENOID SINUS. Isolated sphenoid sinusitis is uncommon. It usually occurs in conjunction with other paranasal sinusitis.
Year introduced: 1990
- Maxillary Sinusitis**
3. Inflammation of the NASAL MUCOSA in the MAXILLARY SINUS. In many cases, it is caused by an infection of the bacteria HAEMOPHILUS INFLUENZAE; STREPTOCOCCUS PNEUMONIAE; or STAPHYLOCOCCUS AUREUS.
Year introduced: 1990
- Frontal Sinusitis**
4. Inflammation of the NASAL MUCOSA in the FRONTAL SINUS. In many cases, it is caused by an infection of the bacteria STREPTOCOCCUS PNEUMONIAE or HAEMOPHILUS INFLUENZAE.
Year introduced: 1990
- Ethmoid Sinusitis**
5. Inflammation of the NASAL MUCOSA in the ETHMOID SINUS. It may present itself as an acute (infectious) or chronic (allergic) condition.
Year introduced: 1990
- Kartagener Syndrome**
6. An autosomal recessive disorder characterized by a triad of DEXTROCARDIA; INFERTILITY; and SINUSITIS. The syndrome is caused by mutations of DYNENIN genes encoding motility proteins which are components of sperm tails, and CILIA in the respiratory and the reproductive tracts.
Year introduced: 1990

The interface also includes a search bar, a 'PubMed Search Builder' on the right, and a 'Recent Activity' section at the bottom right.

La información extra que se nos ofrece es mucha: definición, sustantivos a los que sustituye, posición jerárquica que ocupa en el lenguaje, etc. Esta información nos sirve para especificar aún más lo que queremos.

The screenshot shows the MeSH term page for 'Sinusitis'. The definition is: "Inflammation of the NASAL MUCOSA in one or more of the PARANASAL SINUSES." Below the definition, there are 'PubMed search builder options' and a list of 'Subheadings' with checkboxes for various fields of study:

- analysis
- anatomy and histology
- blood
- cerebrospinal fluid
- chemically induced
- classification
- complications
- congenital
- cytology
- diagnosis
- diagnostic imaging
- diet therapy
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- organization and administration
- parasitology
- pathology
- physiology
- physiopathology
- prevention and control
- psychology
- radiotherapy
- rehabilitation
- statistics and numerical data
- surgery
- therapy
- transmission
- urine
- veterinary
- virology

Additional information includes: 'Restrict to MeSH Major Topic', 'Do not include MeSH terms found below this term in the MeSH hierarchy', 'Tree Number(s): C08.460.692.752, C08.730.749, C09.603.692.752', 'MeSH Unique ID: D012852', and 'Entry Terms: Sinusitides'. A hierarchical tree structure is shown at the bottom: Diseases Category > Respiratory Tract Diseases > Nose Diseases > Paranasal Sinus Diseases > Sinusitis.

Pulsamos: **Add to search builder** (Añadir al constructor de búsquedas), que permanecerá fijo, acumulando descriptores, hasta que no lancemos la búsqueda.

The screenshot shows the MeSH website for the term 'Sinusitis'. The main content area lists various subheadings with checkboxes, such as 'analysis', 'anatomy and histology', 'blood', etc. A red arrow points from the 'Add to search builder' button in the subheadings list to the 'PubMed Search Builder' panel on the right. This panel shows the term 'Sinusitis' [MeSH] already added to the search builder. Below the search builder, there are options for 'Add to search builder' (with a dropdown menu set to 'AND') and a 'Search PubMed' button.

Realizamos el mismo proceso con el segundo término. A diferencia de lo que ocurría antes, ahora solo nos ofrece una opción. Podemos especificar la búsqueda eligiendo algún subencabezado. En este caso vamos a elegir **“therapeutic use”**

The screenshot shows the MeSH website for the term 'Amoxicilline'. The main content area lists various subheadings with checkboxes. The 'therapeutic use' subheading is highlighted with a red box. A red arrow points from the 'Add to search builder' button in the subheadings list to the 'PubMed Search Builder' panel on the right. This panel shows the terms 'Sinusitis' [MeSH] and 'Amoxicilline' [MeSH] already added to the search builder. Below the search builder, there are options for 'Add to search builder' (with a dropdown menu set to 'AND') and a 'Search PubMed' button.

Vinculamos el nuevo descriptor ,con el anterior que ya está cargado en el search builder empleando el operador booleano que más nos interese: AND (intersección), OR (unión) o NOT (exclusión).

Como estamos interesados en la intersección entre los dos conceptos, seleccionamos el operador **AND** y pulsamos **Add to search builder**

The screenshot shows the MeSH search interface for the term 'Amoxicillin'. The search bar contains 'amoxicilline' and the search results are displayed. On the right side, the 'PubMed Search Builder' is visible, showing a search query: `("Sinusitis"[Mesh]) AND "Amoxicillin/therapeutic use"[Mesh]`. The 'Add to search builder' button is highlighted with a red box, indicating the next step in the process.

Ahora ya podemos buscar en PUBMED:

The screenshot shows the MeSH search interface for the term 'Amoxicillin'. The search bar contains 'amoxicilline' and the search results are displayed. On the right side, the 'PubMed Search Builder' is visible, showing a search query: `("Sinusitis"[Mesh]) AND "Amoxicillin/therapeutic use"[Mesh]`. The 'Search PubMed' button is highlighted with a red box, indicating the next step in the process.

Vemos los resultados obtenidos, que al igual que en el tipo de búsqueda anterior, también podríamos acotar con los filtros a la izquierda de la pantalla.

Search results
Items: 1 to 20 of 263

- [Sinusitis \(aguda\).](#)
1. Ah-See K.
BMJ Clin Evid. 2011 Dec 21;2011. pii: 0511. Review.
PMID: 22189346 Free PMC Article
[Similar articles](#)
- [Acute bacterial sinusitis in children.](#)
2. DeMuri G, Wald ER.
Pediatr Rev. 2013 Oct;34(10):429-37; quiz 437. doi: 10.1542/pir.34-10-429. Review.
PMID: 24085791
[Similar articles](#)
- [Predicting response to antimicrobial therapy in children with acute sinusitis.](#)
3. Shaikh N, Wald ER, Jeong JH, Kurs-Lasky M, Bowen A, Flom LL, Hoberman A.
J Pediatr. 2014 Mar;184(3):538-41. doi: 10.1016/j.jpeds.2013.11.021. Epub 2013 Dec 22.
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4. Garbutt JM, Banister C, Spitznagel E, Piccirillo JF.
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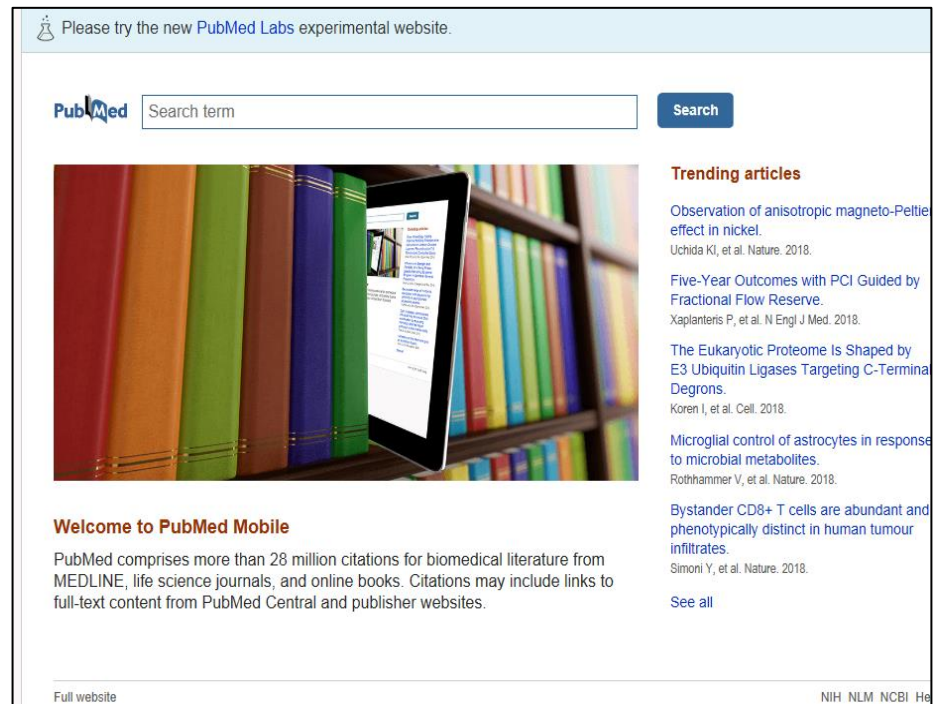
Si hubiésemos hecho una búsqueda básica en PUBMED, con los mismos términos, la cantidad de artículos encontrados sería mayor, pero la especificidad sobre el tema menor:

Search results
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- [Clinical practice guideline for the diagnosis and management of acute bacterial sinusitis in children aged 1 to 18 years.](#)
1. Wald ER, Applegate KE, Bordley C, Darrow DH, Glode MP, Marcy SM, Nelson CE, Rosenfeld RM, Shaikh N, Smith MJ, Williams PV, Weinberg ST; American Academy of Pediatrics.
Pediatrics. 2013 Jul;132(1):e262-80.
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- [AAP releases guideline on diagnosis and management of acute bacterial sinusitis in children one to 18 years of age.](#)
2. Hauk L.
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- [\[Consensus document on the aetiology, diagnosis and treatment of sinusitis\].](#)
3. Martínez Campos L, Albalá Ballesteros R, de la Flor Bru J, Piñero Pérez R, Cervera J, Baquero Artigao F, Alfayate Miguelez S, Moraga Llop F, Cilleruelo Ortega MJ, Calvo Rey C; Sociedad Española de Infectología Pediátrica; Asociación Española de Pediatría de Atención Primaria; Sociedad Española de Pediatría Extrahospitalaria y Atención Primaria; Sociedad Española de Otorrinolaringología y Patología Cérvico-Facial.
An Pediatr (Barc). 2013 Nov;79(5):330.e1-330.e12. doi: 10.1016/j.anpedi.2013.04.027. Epub 2013 Jun 10. Spanish.
PMID: 23764206 Free Article
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- [Acute bacterial sinusitis in children.](#)
4. DeMuri G, Wald ER.

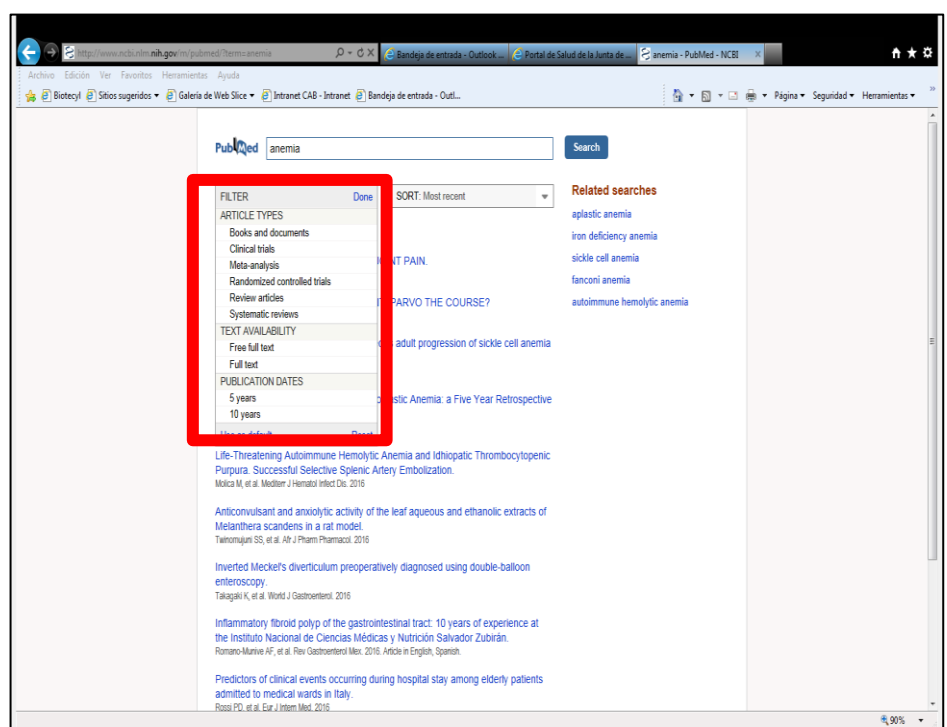
3-4- Búsquedas a través del móvil.

Se trata de una interfaz web simplificada que nos permite realizar búsquedas rápidas y sencillas cuando no tengamos a mano un dispositivo más completo, como una pantalla de ordenador.

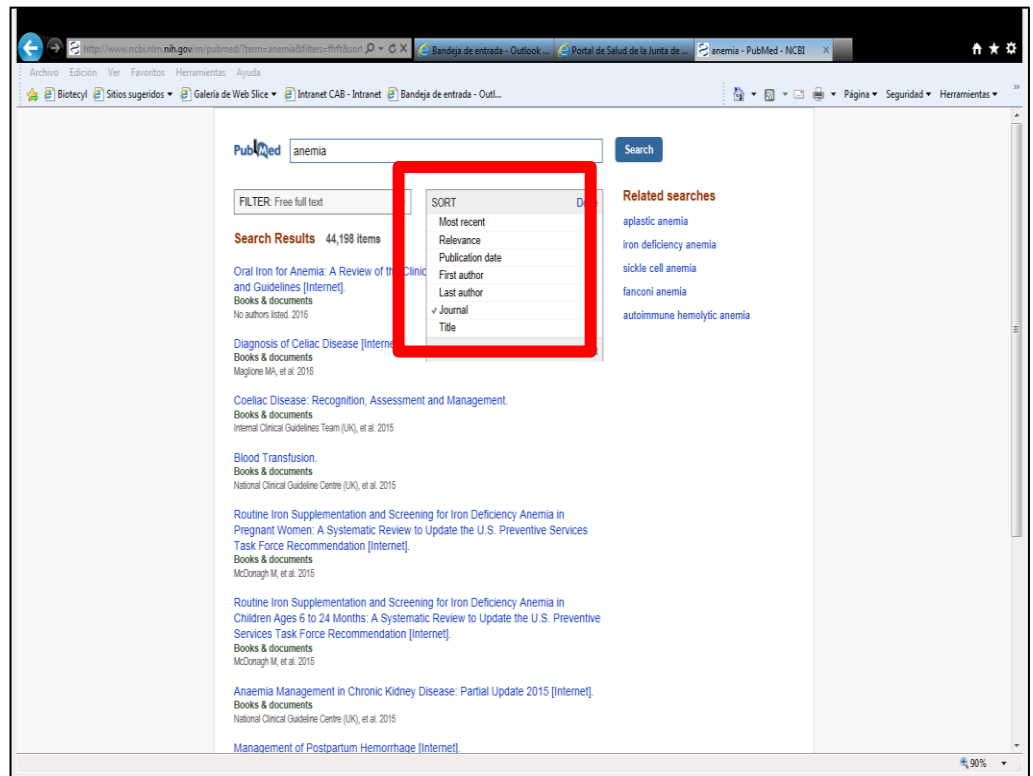


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- Tipo de artículo
- Disponibilidad de texto completo.(Sólo se podrán abrir los que sean gratuitos)
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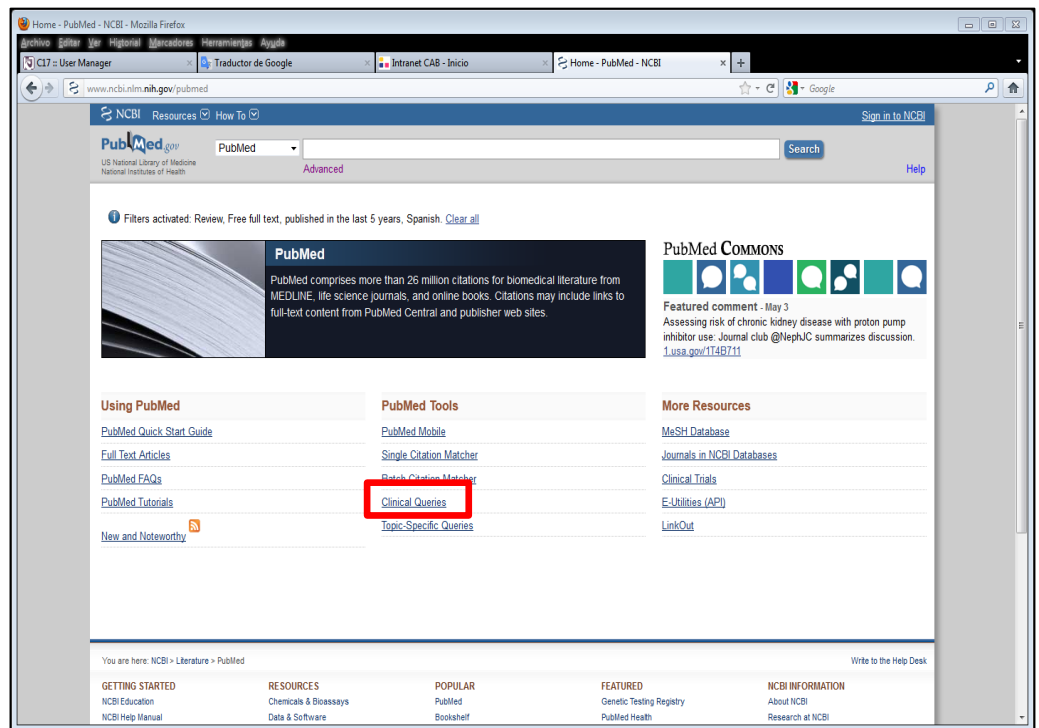
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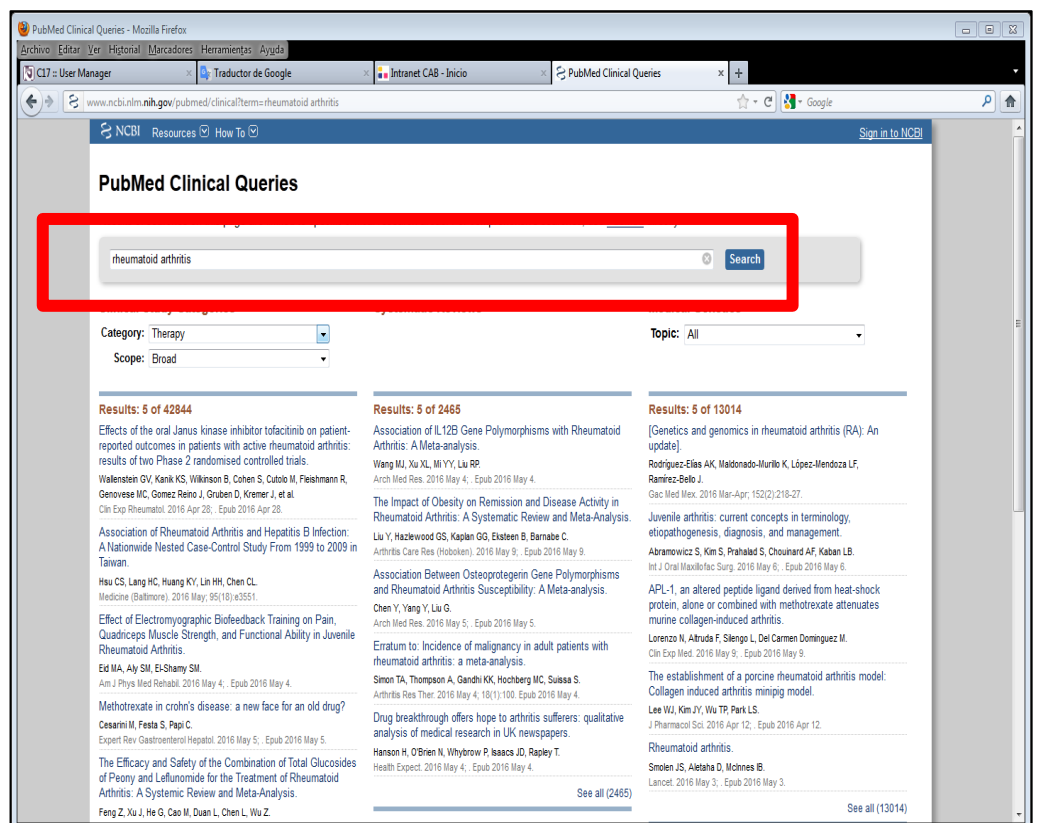
Existe otra versión también gratuita con publicidad, además de las de pago.



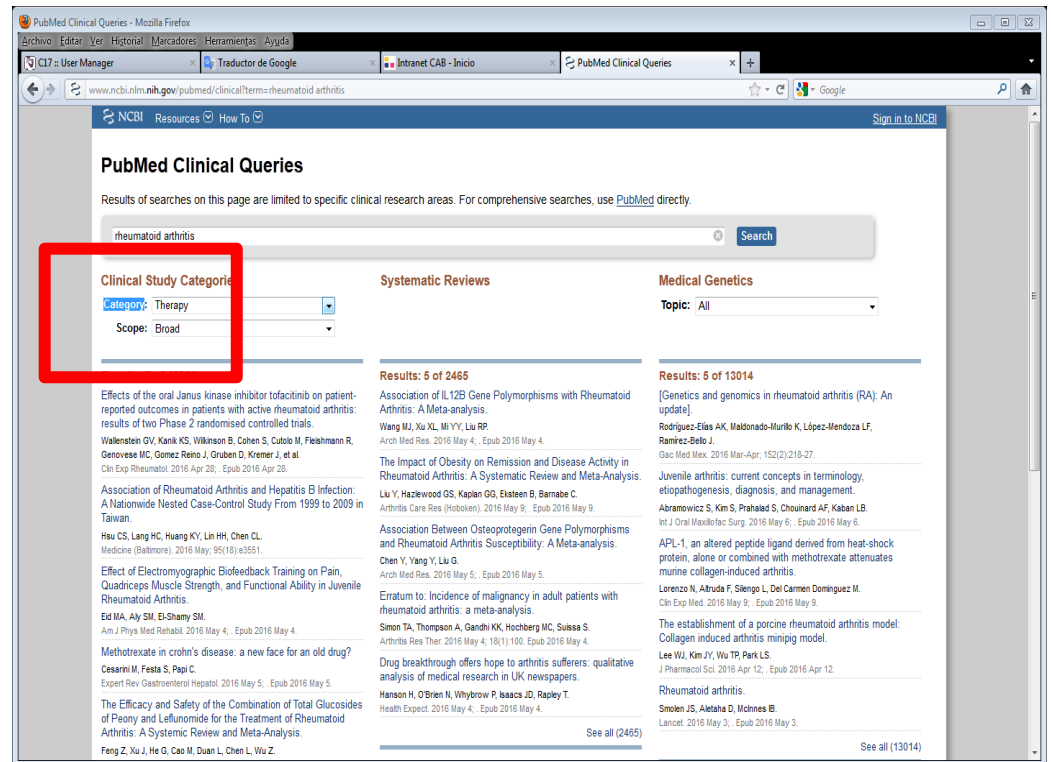
3-5- Búsquedas para la práctica clínica, (Clínicl Queries), para ayuda en la toma de decisiones.



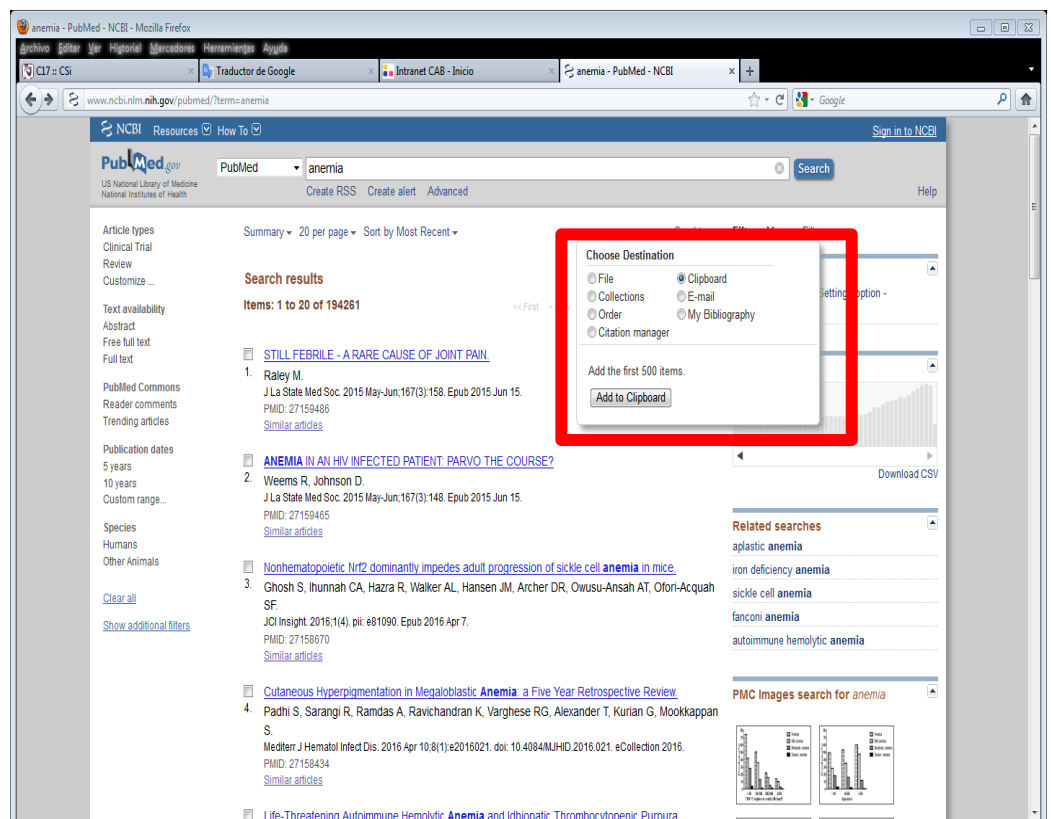
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Podemos delimitar los resultados, en **category**, si queremos Buscar por terapia, diagnóstico, pronóstico, etc, y **scope**, si queremos obtener menos artículos pero de mayor calidad.

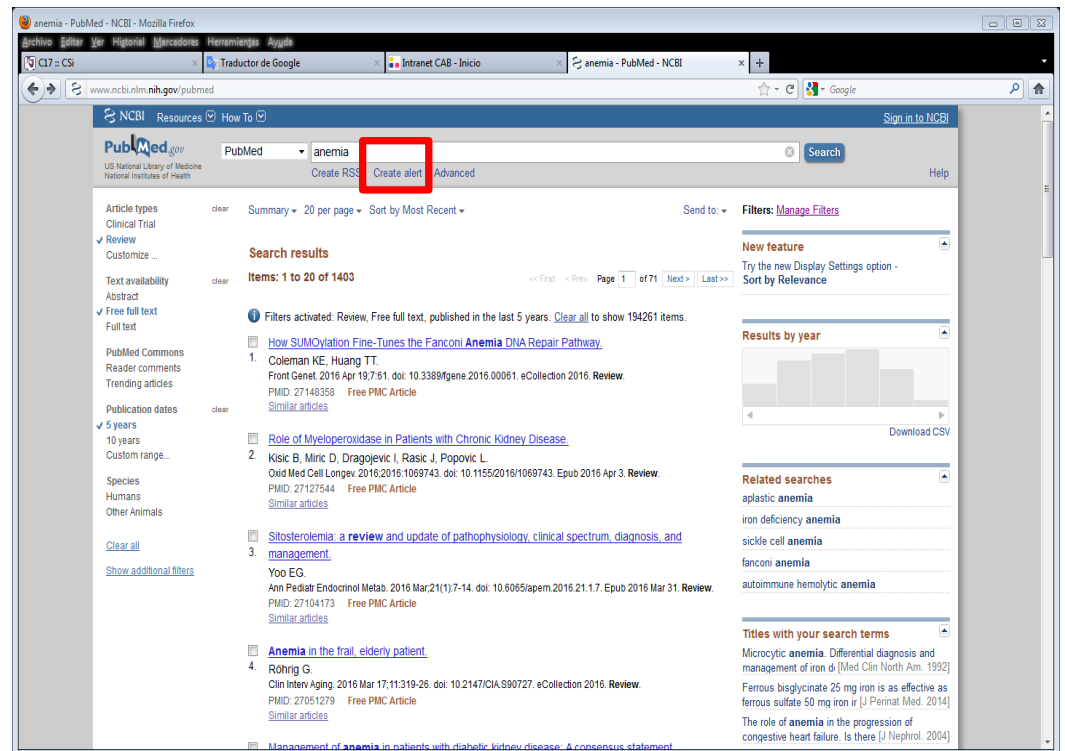


4-Otras utilidades de PUBMed: 4-1 Guardado de búsquedas o envío por correo.



4-2-Posibilidad de suscribirse, para tener acceso a las últimas noticias sobre el tema.

4-3-Y de crear alertas,



(Pero para esto último, es necesario darse de alta como usuario).

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