TUTORIAL DE PUBMED/MEDLINE

Buscador vía MeSH

Al entrar al PubMed/Medline se mostrará su página principal con el buscador general (1), el buscador avanzado (2) y el buscador vía MeSH (3).



Para poder realizar la búsqueda en PubMed/Medline por cualquiera de las tres vías se debe utilizar la combinación de descriptores y calificadores en idioma inglés. Sugerimos apoyarse en el DeCS para la selección de los adecuados.

En este documento se empleará la combinación de descriptores/calificadores del ejemplo 1 resuelto de la clase anterior:

Hypertension/drug therapy Captopril/therapeutic use

Buscador de PubMed/Medline vía MeSH:

1. Dar clic en la opción "**MeSH Database**" que se encuentra en el grupo de opciones de **Explore**. Se mostrará la pantalla principal del MeSH.

| SNCBI Resources 🛛 How To 🖂 | | Sign in to NCBI |
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| MeSH (MeSH | Limits Advanced | Search Help |
| | MeSH | |
| | MeSH (Medical Subject Headings) is the NLM for indexing articles for PubMed. | I controlled vocabulary thesaurus used |
| Using MeSH | More Resources | |
| Help | E-Utilities | |
| Tutorials | NLM MeSH Homepage | |

2. **Escribir** en el cuadro de texto el primer descriptor. Como el MeHS está en idioma inglés, debe poner el término obtenido del DeCS en ese idioma. Cuando comience a escribir se mostrará un listado de términos. Usted puede terminar de escribir y dar clic en **Search**, o seleccionar el término en el listado y automáticamente pasará a la siguiente pantalla. Aparecerá un listado con distintos términos relacionados.

| MeSH Mypertension Search Create alert Limits Advanced Hi Summary * 20 per page * Send to: * PubMed Search Builder Search results Items: 1 to 20 of 51 PubMed Search Builder Hypertension Add to search builder Add to search builder DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more. Add to search builder Earnilial Primary Pulmonary Hypertension Earnilial or idiopathic hypertension in the PULMONARY CIRCULATION which is not secondary to other disease. Find related data Year introduced: 2015 Masked Hypertension Find related Masked Hypertension Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings. Search details "hypertension" Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. "hypertension" (MeSR Terms) * Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. Thypertension" (MeSR Terms) | | ☑ How To ☑ | Sign in to NCBI |
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| Summary + 20 per page + Send to: + Search results Items: 1 to 20 of 51 < | MeSH | MeSH hypertension Create alert Limits Advanced | Search Help |
| Search results Items: 1 to 20 of 51 < | Summary + 20 per p | ge★ Send to: ★ | PubMed Search Builder |
| <u>Hypertension</u> Persistently high systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE DETERMINATION), hypertension is currently defined as when SYSTOLIC PRESSURE is consistently greater than 140 mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more. <u>Familial Primary Pulmonary Hypertension</u> Familial or idiopathic hypertension in the PULMONARY CIRCULATION which is not secondary to other disease. Year introduced: 2015 <u>Masked Hypertension</u> Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings. Year introduced: 2012 <u>White Coat Hypertension</u> Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. | Search results Items: 1 to 20 of 51 | << First < Prev Page 1 of 3 Next > Last >> | |
| Familial Primary Pulmonary Hypertension Familial or idiopathic hypertension in the PULMONARY CIRCULATION which is not secondary to other disease. Year introduced: 2015 Masked Hypertension Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings. Year introduced: 2012 White Coat Hypertension Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. | <u>Hypertension</u> Persistently high DETERMINATION greater than 140 | systemic arterial BLOOD PRESSURE. Based on multiple readings (BLOOD PRESSURE , hypertension is currently defined as when SYSTOLIC PRESSURE is consistently mm Hg or when DIASTOLIC PRESSURE is consistently 90 mm Hg or more. | Add to search builder AND v Search PubMed You Tibe Tutorial |
| Masked Hypertension Find items 3. Phenomenon where increased BLOOD PRESSURE readings taken in non-clinical settings (e.g., HOME BLOOD PRESSURE MONITORING) do not replicate in clinical settings. Year introduced: 2012 Search details White Coat Hypertension "hypertension" [MeSH Terms] • White Coat Hypertension 0R hypertension [Text Word] • Phenomenon where BLOOD PRESSURE readings are elevated only when taken in clinical settings. "hypertension [Text Word] | Familial Prima Familial or idiopat disease. Year introduced: | y Pulmonary Hypertension nic hypertension in the PULMONARY CIRCULATION which is not secondary to other 2015 | Find related data Database: Select V |
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| Year introduced: 2012 | White Coat Hy Phenomenon wh Year introduced: | ertension re BLOOD PRESSURE readings are elevated only when taken in clinical settings. 1012 | "hypertension" [Me3H Terms] OR hypertension [Text Word] |
| Intra-Abdominal Hypertension 5. Pathological elevation of intra-abdominal pressure (>12 mm Hg). It may develop as a result of SEPSIS; PANCREATTIS; capillary leaks, burns, or surgery. When the pressure is higher than 20 mm Hg, often with end-organ dysfunction, it is referred to as abdominal compartment syndrome. Year introduced: 2012 Recent Activity | Intra-Abdomini Pathological elev PANCREATITIS; o with end-organ of Year introduced: | I Hypertension tion of intra-abdominal pressure (>12 mm Hg). It may develop as a result of SEPSIS; apillary leaks, burns, or surgery. When the pressure is higher than 20 mm Hg, often ysfunction, it is referred to as abdominal compartment syndrome. 1012 | Search See more |

3. Dar clic <u>sobre</u> el término deseado. Se mostrará una pantalla con el concepto del término buscado y sus calificadores.

| S NCBI Resources 🛛 How To 🕅 | 2 | | Sign in to NCBI |
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| MeSH MeSH | Limits Advanced | | Search Help |
| Full + Hypertension Persistently high systemic arterial BL DETERMINATION), hypertension is o than 140 mm Hg or when DIASTOLI | OOD PRESSURE. Based on mul sumently defined as when SYSTC C PRESSURE is consistently 90 (| Send to: + Itiple readings (BLOOD PRESSURE DLIC PRESSURE is consistently greater mm Hg or more. | PubMed Search Builder |
| PubMed search builder options Subheadings: analysis analysis anatomy and histology blood blood supply cerebrospinal fluid chemically induced chemistry cassification complications congenital cytology diagnosis | economics embryology erzymology epidemiology etinology etiology genetics history immunology legislation and jurisprudence metabolism microbiology | pathology pharmacology physiology physiopathology prevention and control psychology radiotherapy rehabilitation statistics and numerical data surgery therapeutic use therapy | Add to search builder AND V Search PubMed You torial Related information PubMed PubMed - Major Topic Clinical Queries NLM MeSH Browser dbGaP Links MedGen |
| diagnosis diagnosic imaging diet therapy drug effects drug therapy Restrict to MeSH Major Topic. Do not include MeSH terms found Tree Number(s): C14.907.489 | microbiology mortality nursing organization and administration parasitology d below this term in the MeSH hi | transmission urine veterinary virology | Recent Activity <u>Turn Off Clear</u> Hypertension MeSH hypertension (51) MeSH Canadian Journal of Cardiology |

 Dar clic en la casilla del calificador deseado (1), en la casilla de "Restrict to MeSH Major Topic" (2), y en el botón "Add to search builder" (3), en ese orden. Se mostrarán las casillas marcadas. En el primer cuadro de la columna derecha (4) aparecerá la estrategia de búsqueda con la sintaxis adecuada según este buscador.

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| classification | immunology | statistics and numerical | NLM MeSH Browser | |
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- 5. Si la búsqueda incluye un segundo descriptor, ir a la pantalla anterior dando clic el **botón atrás** del navegador. Observa que, esta acción te lleva de nuevo a la pantalla donde está el listado con los distintos términos relacionados con el término Hypertension. La única diferencia es que, se mantendrá la estrategia de búsqueda conformada hasta ahora en el recuadro del "PubMed Search Builder".
- 6. **Borrar** el primer descriptor de la línea de búsqueda, escribir el segundo y **repetir los pasos del 2 al 4**. Quedará conformada la nueva estrategia de búsqueda en el recuadro PubMed Search Builder.

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| Captopril | | | ("Hypertension/drug |
| A potent and specific inhibitor of F | PEPTIDYL-DIPEPTIDASE A. It blo | dis the conversion of ANGIOTENSIN I to | Captopril/therapeutic |
| suppress the RENIN-ANGIOTENSI | r and important regulator of arteria | esponses to exogenous angiotensin | use"[Majr] |
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| dosage | etiology | physiology | Pelated information |
| adverse effects | history | poisoning | Related information |
| analogs and derivatives | immunology | radiation effects | PubMed |
| analysis | isolation and | standards | PubMed - Major Topic |
| antagonists and | purification | therapeutic use | |
| inhibitors | metabolism | metabolism toxicity | Clinical Queries |
| blood | organization and | urine | NLM MeSH Browser |
| | administration | | |
| chemical synthesis | | | |

7. Dar clic en el botón "Search PubMed". Se mostrará una pantalla con el resultado de la búsqueda.

| Pub Med.gov | ("Hypertension/drug therapy"[Majr]) AND "Captopril/therapeutic use"[Majr] 🛛 🗙 Search | | | | |
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| | Advanced Create alert Create RSS User Guide | | | | |
| | Save Email Send to Sorted by: Most recent ↓ ² Display options ● | | | | |
| MY NCBI FILTERS | 1,283 results | | | | |
| RESULTS BY YEAR | Antihypertensive efficacy and safety of a standardized herbal medicinal product of Hibiscus sabdariffa and Olea europaea extracts (NW Roselle): A phase-II, randomized, double-blind, captopril-controlled clinical trial. Elkafrawy N, Younes K, Naguib A, Badr H, Kamal Zewain S, Kamel M, Raoof GFA, M El-Desoky A, Mohamed S. Phytother Res. 2020 Dec;34(12):3379-3387. doi: 10.1002/ptr.6792. Epub 2020 Jul 29. PMID: 32725873 Clinical Trial. | | | | |
| TEXT AVAILABILITY Abstract Free full text Full text | Antihypertensive and renal protective effect of Shunaoxin pill combined with captopril on spontaneous hypertension rats. Cite Man S, Yang L, Xiang H, Lu G, Wang Y, Liu C, Gao W. Biomed Pharmacother. 2020 May;125:109977. doi: 10.1016/j.biopha.2020.109977. Epub 2020 Feb 4. PMID: 32032892 Free article. | | | | |
| ARTICLE ATTRIBUTE Associated data ARTICLE TYPE | Functional and neurometabolic asymmetry in SHR and WKY rats following vasoactive treatments. Segarra AB, Prieto-Gomez I, Banegas I, Martínez-Cañamero M, Luna JD, de Gasparo M, Ramírez- Sánchez M. Share | | | | |
| Books and Documents | Sa Kep. 2019 Nov 6;9(1):16098. doi: 10.1038/s41598-019-52658-9. PMID: 31695104 Free PMC article. | | | | |

Observar que, por la vía del MeSH se obtienen los mismos resultados que por la vía del buscador avanzado. Esto se debe a que en ambas vías se restringen los términos al MeSH (ver tutorial de búsqueda avanzada de PubMed).

Las opciones generales funcionan por esta vía igual que en el buscador general y en el avanzado del PubMed/Medline (ver tutoriales).

ADVERTENCIA:

La búsqueda realizada por la vía MeSH, sólo permite encontrar información por materia. Sin embargo, en la búsqueda avanzada puede encontrar información por variados campos (ver campos en el tutorial de búsqueda avanzada del PubMed).

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