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# آشنایی و جستجو در پایگاه PubMed



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مدرس و تهیه کننده: مائده صالحی  
کتابدار مرکز آموزشی درمانی الزهرا



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❖ جستجو ساده

❖ فیلترها

❖ قسمت های مختلف مقاله

❖ جستجوی پیشرفته

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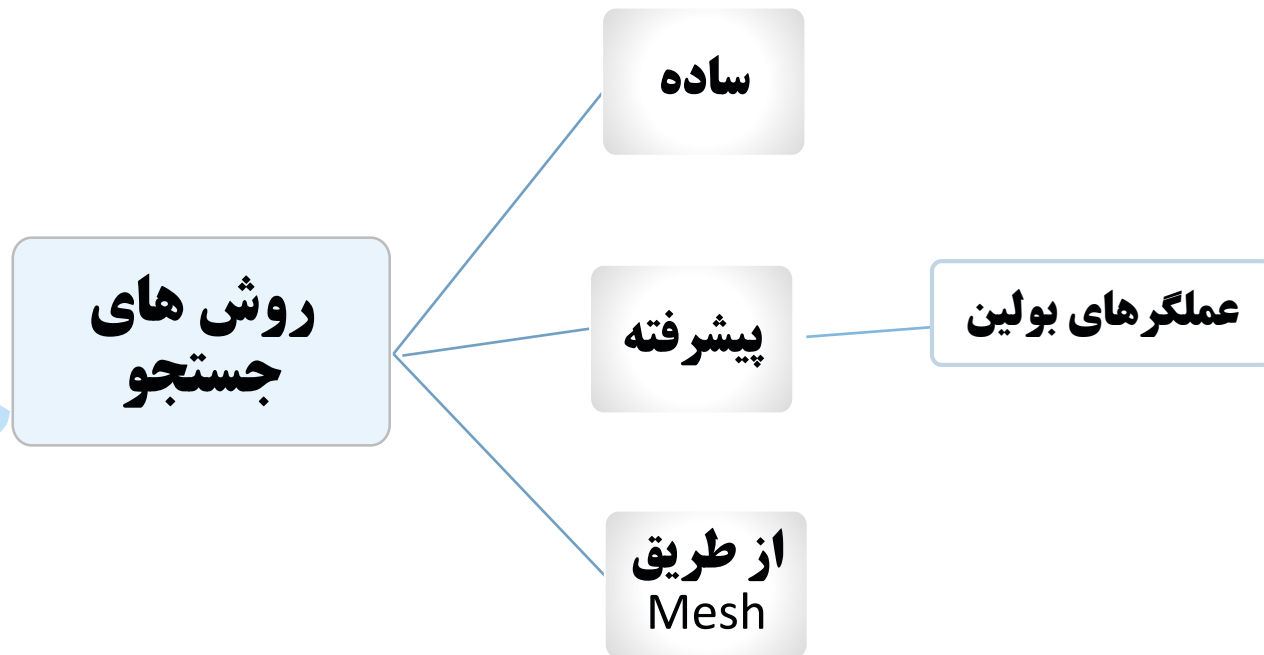
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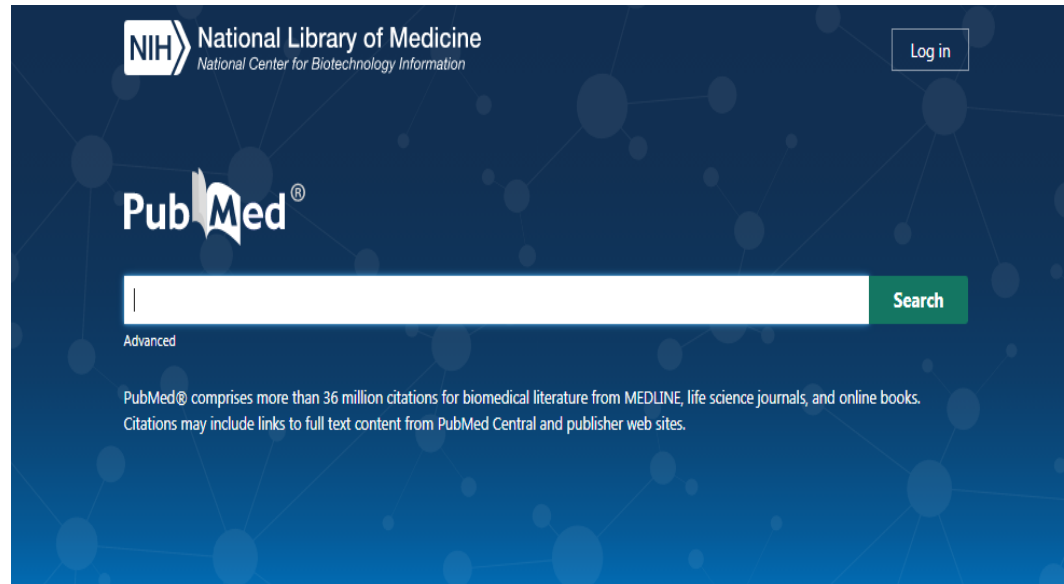
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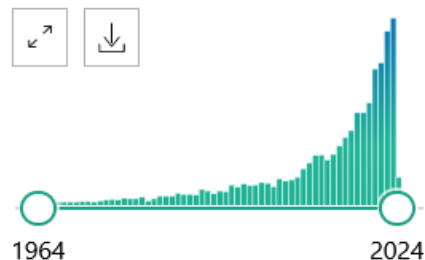
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1 Ostrom QT, Francis SS, Barnholtz-Sloan JS.

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**CNS Tumors in Neurofibromatosis.**

2 Campian J, Gutmann DH.

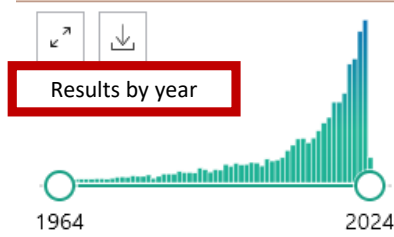
Cite *J Clin Oncol.* 2017 Jul 20;35(21):2378-2385. doi: 10.1200/JCO.2016.71.7199. Epub 2017 Jun 22. PMID: 28640700 [Free PMC article.](#) [Review.](#)

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Middle Aged + Aged: 45+ years

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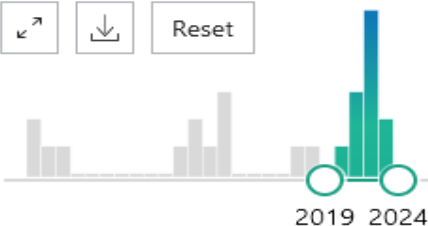
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- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Guideline
- Meta-Analysis
- Randomized Controlled Trial
- Review

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### Epidemiology of Brain and Other CNS Tumors.

1 Ostrom QT, Francis SS, Barnholtz-Sloan JS. *Curr Neurol Neurosci Rep.* 2021 Nov 24;21(12):68. doi: 10.1007/s11910-021-01152-9. PMID: 34817716 [Free PMC article](#) [Review](#).

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Ostrom QT, Francis SS, Barnholtz-Sloan JS. *Epidemiology of Brain and Other CNS Tumors.* *Curr Neurol Neurosci Rep.* 2021 Nov 24;21(12):68. doi: 10.1007/s11910-021-01152-9. PMID: 34817716; PMCID: PMC8613072.

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### Diagnostic, therapeutic, and Organization classification of CNS tumors: implications of the 2021 World Health Organization classification of the central nervous system.

3 Gritsch S, Batchelor TT, Gonzalez Castro J, et al. *Cancer.* 2022 Jan 1;128(1):47-58. doi: 10.1093/annonc/ndab33918. Epub 2021 Oct 11. PMID: 34633681 [Free article](#) [Review](#).

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**2021 WHO Classification of CNS Tumors.**

Weller M, Reifenberger G, Capper D, et al.

Cancer. 2021 Jun 18;132(12):2153-2184. doi: 10.1007/s13311-022-01249-0. Epub 2022 May 16.

PMID: 35481771 **Free article.** Review.

Advances in the understanding of the molecular biology of central nervous system (**CNS tumors**) prompted a new World Health Organization (WHO) classification scheme in 2021, only 5 years after the prior iteration. ...Some entirely new **tumors** are in this scheme, ...

**Diagnostic, therapeutic, and prognostic implications of the 2021 World Health Organization classification of tumors of the central nervous system.**

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Cite Gritsch S, Batchelor TT, Gonzalez Castro LN.

Cancer. 2022 Jan 1;128(1):47-58. doi: 10.1002/cncr.33918. Epub 2021 Oct 11.

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PMID: 34633681 **Free article.** Review.

The 2016 revised fourth edition of the World Health Organization (WHO) classification of central nervous system (**CNS tumors**) incorporated molecular features with histologic grading, revolutionizing how oncologists conceptualize primary brain and spinal cord **tumor** ...

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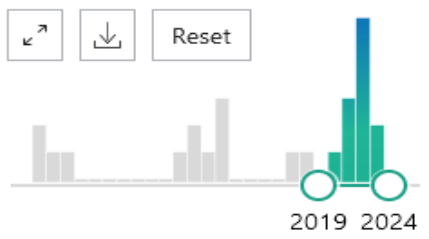
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- Major Features of the 2021 WHO Classification of CNS Tumors.**  
 2 Smith HL, Wadhvani N, Horbinski C.  
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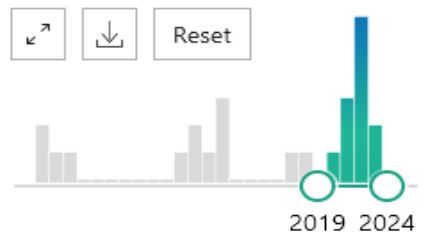
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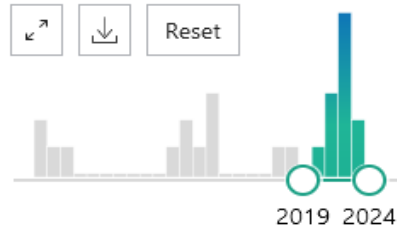
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**Major Features of the 2021 WHO Classification of CNS Tumors.**

Smith HL, Wadhvani N, Horbinski C.

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The 2016 revised fourth edition of the World Health Organization (WHO) classification of central nervous system (**CNS**) **tumors** incorporated molecular features with histologic grading, revolutionizing how oncologists conceptualize primary brain and spinal cord **tumor** ...

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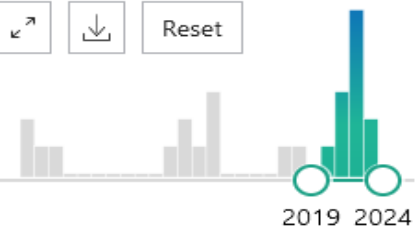
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Curr Neurol Neurosci Rep

2021 Nov 24;21(12):68. doi: 10.1007/s11910-021-01152-9.

# Epidemiology of Brain and Other CNS Tumors

Quinn T Ostrom<sup>1</sup>, Stephen S Francis<sup>2</sup>, Jill S Barnholtz-Sloan<sup>3</sup>

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## Abstract

**Purpose of review:** Brain and other central nervous system (CNS) tumors, while rare, cause significant morbidity and mortality across all ages. This article summarizes the current state of the knowledge on the epidemiology of brain and other CNS tumors.

**Recent findings:** For childhood and adolescent brain and other CNS tumors, high birth weight, non-chromosomal structural birth defects and higher socioeconomic position were shown to be risk factors. For adults, increased leukocyte telomere length, proportion of European ancestry, higher socioeconomic position, and HLA haplotypes increase risk of malignant brain tumors, while immune factors decrease risk. Although no risk factor accounting for a large proportion of brain and other CNS tumors has been discovered, the use of high throughput "omics" approaches and improved detection/measurement of environmental exposures will help us refine our current understanding of these factors and discover novel risk factors for this disease.

**Keywords:** Brain and other CNS tumors; Epidemiology; Incidence; Risk factor; Survival.

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The authors declare that they have no conflicts of interest.

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## Epidemiology of Brain and Other CNS Tumors

[Quinn T. Ostrom](#),<sup>1</sup> [Stephen S. Francis](#),<sup>2</sup> and [Jill S. Barnholtz-Sloan](#)<sup>1,3</sup>

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### CBTRUS Statistical Report: Primary Brain and Other Central Nervous System Tumors Diagnosed in the United States in 2012-2016.

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Neuro Oncol. 2019 Nov 1;21(Suppl 5):v1-v100. doi: 10.1093/neuonc/noz150.  
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### Geographical variation in malignant and benign/borderline brain and CNS tumor incidence: a comparison between a high-income and a middle-income country.

Wanner M, Rohrmann S, Korol D, Shenglia N, Gigineishvili T, Gigineishvili D.  
J Neurooncol. 2020 Sep;149(2):273-282. doi: 10.1007/s11060-020-03595-5. Epub 2020 Aug 19.  
PMID: 32813185 [Free PMC article.](#)

### Epidemiologic impact of children with brain tumors.

Bleyer WA.  
Childs Nerv Syst. 1999 Nov;15(11-12):758-63. doi: 10.1007/s003810050467.  
PMID: 10603019 [Review.](#)

### Epidemiology of primary CNS tumors in Iran: a systematic review.

Jazayeri SB, Rahimi-Movaghar V, Shokraneh F, Saadat S, Ramezani R.  
Asian Pac J Cancer Prev. 2013;14(6):3979-85. doi: 10.7314/apjcp.2013.14.6.3979.  
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Cureus. 2024 Jan 3;16(1):e51596. doi: 10.7759/cureus.51596. eCollection 2024 Jan.  
PMID: 38313911 [Free PMC article.](#)

### Changes in the Epidemiologic Pattern of Primary CNS Tumors in Response to the Aging Population: An Updated Nationwide Cancer Registry Data in the Republic of Korea.

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### Research Materials

[NCI CPTC Antibody Characterization Program](#)

# جستجوی پیشرفته

## Advanced search

PubMed Advanced Search Builder



Add terms to the query box

All Fields



Enter a search term

ADD



Show Index

Query box

Enter / edit your search query here

Search



# PubMed Advanced Search Builder



User Guide

Add terms to the query box

All Fields

Enter a search term

ADD

Add with AND

Add with OR

Add with NOT

Author

Author - Corporate

Author - First

Author - Identifier

Author - Last

Book

Conflict of Interest Statements

Date - Completion

Date - Create

Date - Entry

Date - MeSH

Date - Modification

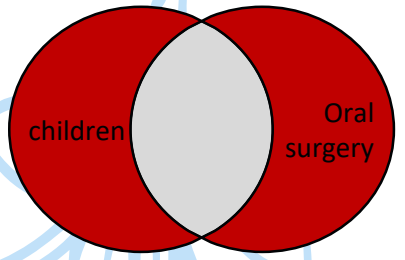
Date - Publication

IC/RN Number

Download Delete

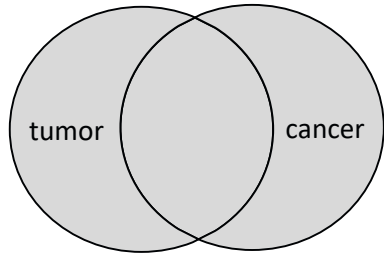
Query	Results	Time
ch: <b>(Esophageal cancer) AND (Esophagectomy)</b>	14,274	13:07:37
ch: <b>(gallbladder) AND (ultrasound)</b>	13,284	13:03:58
ch: <b>((Congenital cleft lip) AND (surgery)) AND (children)</b>	727	13:02:14

# عملگرهای بولین



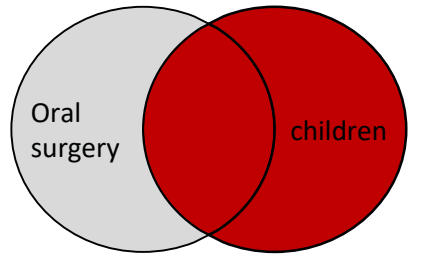
**AND**

Children AND Oral Surgery



**OR**

Tumor OR Cancer



**NOT**

Oral surgery NOT Children

## :(\*) Truncation

با جستجوی ریشه کلمات و استفاده از علامت \* میتوان جستجوی کاملتری داشت. به عبارتی دامنه جستجو گسترش پیدا می‌کند. ریشه و کلمات هم ریشه را بازیابی میکند.

### **Immun\***

Immune, immunotherapy, immunogenic, immunogenicity Immunoglobulin, immunosuppression ....

## :(" ") Quotation

کلیدواژه های مورد جستجو حتما در کنار هم و با حفظ ترتیبی که وارد شده‌اند جستجو شوند.

### **"CNS Tumors"**

## PubMed Advanced Search Builder

Add terms to the query box


All Fields 

AND 

Show Index



Query box

(((Neoplasms[MeSH Terms]) OR (Cancers[Title/Abstract])) OR (Tumors[Title/Abstract])) OR (Neoplasia[Title/Abstract]) AND (Central Nervous System[MeSH Terms]) OR (CNS[Title/Abstract])

Search 

## History and Search Details

تاریخچه جستجو

 Download  Delete

Search	Actions	Details	Query	Results	Time
#10	...	>	Search: (((((Neoplasms[MeSH Terms]) OR (Cancers[Title/Abstract])) OR (Tumors[Title/Abstract])) OR (Neoplasia[Title/Abstract])) AND (Central Nervous System[MeSH Terms])) OR (CNS[Title/Abstract]) Filters: <b>Free full text, Review, Humans, Adult: 19-44 years, from 2019 - 2024</b>	190	13:18:43
#9	...	>	Search: (((((Neoplasms[MeSH Terms]) OR (Cancers[Title/Abstract])) OR (Tumors[Title/Abstract])) OR (Neoplasia[Title/Abstract])) AND (Central Nervous System[MeSH Terms])) OR (CNS[Title/Abstract]) Filters: <b>Free full text, Review, Humans, from 2019 - 2024</b>	3,405	13:18:35



Add terms to the query box

All Fields 



**ADD** 






[Show Index](#)

Query box

**Search** 

### History and Search Details

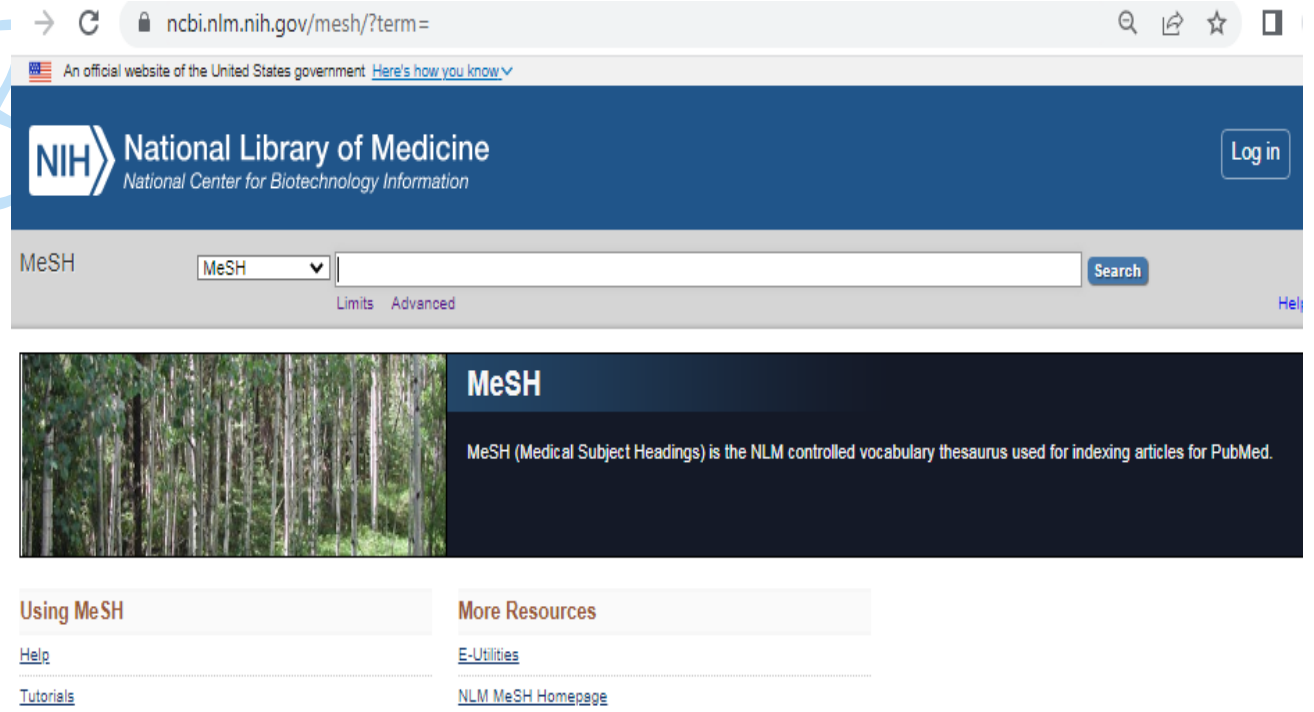
 Download  Delete

Search	Actions	Details	Query	Results	Time
#19		<ul style="list-style-type: none"><li>Add query</li><li>Delete</li><li>Create alert</li></ul>	<p>(((Neoplasms[MeSH Terms] OR (Cancers[Title/Abstract]) OR (Tumors[Title/Abstract]) OR (Neoplasia[Title/Abstract])) AND ("Central Nervous System"[MeSH Terms]) OR (CNS[Title/Abstract]) AND (ft[Filter]) AND (review[Filter]) AND (humans[Filter]) AND (2019:2024[pdat])) Filters: <b>Free full text, Review, Humans, Adult: 19-44 years</b></p>	190	13:27:40
#17			Search: <b>"CNS Tumors"</b> Filters: <b>Free full text, Review, Adult: 19-44 years, Humans</b>	23	13:25:58
#16			Search: <b>CNS Tumors</b> Filters: <b>Free full text, Review, Adult: 19-44 years, Humans, from 2019 - 2024</b>	284	13:23:39

# MeSH:

(Medical Subject Headings)

MeSH is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.



The screenshot shows the MeSH website interface. At the top, there is a navigation bar with the NIH logo and the text "National Library of Medicine National Center for Biotechnology Information". A search bar is present with a dropdown menu set to "MeSH" and a "Search" button. Below the search bar, there is a section titled "MeSH" with a description: "MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed." To the left of this text is a photograph of a forest. Below the main content, there are two columns of links: "Using MeSH" with links for "Help" and "Tutorials", and "More Resources" with links for "E-Utilities" and "NLM MeSH Homepage".

MeSH

MeSH

Search

Limits Advanced

Help

Full

### Respiratory Tract Diseases

Diseases involving the RESPIRATORY SYSTEM.

Year introduced: 1966

PubMed search builder options

Subheadings:

- blood
- cerebrospinal fluid
- chemically induced
- classification
- complications
- congenital
- diagnosis
- diagnostic imaging
- diet therapy
- drug therapy
- economics
- embryology
- enzymology
- epidemiology
- ethnology
- etiology
- genetics
- history
- immunology
- metabolism
- microbiology
- mortality
- nursing
- parasitology

Restrict to MeSH Major Topic.

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

Tree Number(s): C08

MeSH Unique ID: D012140

واژه پذیرفته  
شده Mesh

اضافه کردن کلیدواژه ها  
به این باکس و جستجو  
مقاله از طریق  
PubMed

Send to:

#### PubMed Search Builder

Add to search builder

Search PubMed

AND

AND

OR

NOT

#### Related information

PubMed

PubMed - Major Topic

Clinical Queries

NLM MeSH Browser

dbGaP Links

MedGen

#### Recent Activity

Turn Off Clear

Tree Number(s): C08

MeSH Unique ID: D012140

Entry Terms:

- Disease, Respiratory Tract
- Respiratory Tract Disease
- Respiratory Diseases
- Respiratory System Diseases
- Disease, Respiratory System
- Respiratory System Disease

All MeSH Categories

Diseases Category

Respiratory Tract Diseases

Bronchial Diseases

- Asthma +
- Bronchial Fistula
- Bronchial Hyperreactivity
- Bronchial Neoplasms
- Bronchial Spasm
- Bronchiectasis +
- Bronchitis +
- Bronchogenic Cyst
- Bronchopneumonia
- Tracheobronchomalacia +
- Tracheobronchomegaly

Ciliary Motility Disorders

Kartagener Syndrome

Granuloma, Respiratory Tract

Granuloma, Laryngeal

Laryngeal Diseases

- Granuloma, Laryngeal
- Laryngeal Edema
- Laryngeal Neoplasms
- Laryngeal Nerve Injuries +
- Laryngitis +
- Laryngocele
- Laryngomalacia

Recent Activity

Turn Off Clear

- Respiratory Tract Diseases MeSH
- respiratory disease (5) MeSH
- Esophagectomy MeSH
- respiratory (548) MeSH
- Lung MeSH

See more...

## Question components PICO

Patient/ Problem/ Populations

Interventions

Comparisons

Outcomes

The effect of acetaminophen compared to ibuprofen on reducing fever in fever in children

**P:** fever in children



**I:** acetaminophen

**C:** ibuprofen

**O:** reducing fever



### History and Search Details

 Download
  Delete

Search	Actions	Details	Query	Results	Time
#16	...	>	Search: (((Acetaminophen[MeSH Terms]) OR (Acetaminophen[Title/Abstract] OR Acetaminophen[Title/Abstract] OR Acephen[Title/Abstract] OR Acetaco[Title/Abstract])) AND ((Ibuprofen[MeSH Terms]) OR (Ibuprofen[Title/Abstract] OR Brufen[Title/Abstract] OR Motrin[Title/Abstract] OR Nuprin[Title/Abstract]))) AND ((Fever[MeSH Terms]) OR (Fever[Title/Abstract] OR Pyrexia[Title/Abstract] OR Pyrexias[Title/Abstract] OR Fever in children[Title/Abstract]))	316	14:01:49

با تشکر ویژه از توجه شما عزیزان

[Centlib.mui.ac.ir](http://Centlib.mui.ac.ir)