

# PubMed Search Tips

**PubMed doesn't search the full-text of the articles! It only searches words in the records:**

<b>TITLE</b>	<a href="#">Anticancer Res. 2017 Sep;37(9):5079-5085.</a> <b>MRI and Ultrasound Fusion Imaging for Cervical Cancer.</b>
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<b>ABSTRACT</b>	<b>Abstract</b> <b>BACKGROUND:</b> Evaluating locoregional extension of cervical cancer is a key step in patient management. This study evaluated the feasibility of fusion imaging - a combination of magnetic resonance imaging (MRI) with real-time high-resolution ultrasound (US) - to diagnose cervical cancer and its extension. <b>KEYWORDS:</b> Cervical cancer; fusion imaging; parametrial infiltration; pelvic MRI; ultrasound
<b>SUBJECT HEADINGS</b>	<b>MeSH terms</b> <a href="#">Magnetic Resonance Imaging</a> <a href="#">Middle Aged</a> <a href="#">Neoplasm Staging</a> <a href="#">Ultrasonography/methods</a>

Use truncation \* to get word variations

*psychiatr\** (retrieves psychiatry, psychiatrist, psychiatry)

Use " " phrase searching to keep words together in a specific order

*"salivary gland cancer"*

Use **AND OR NOT** to combine terms

*neuroblastoma AND spine AND relapse*

*x-rays OR MRIs OR "CT scans"*

*leukemia NOT myeloid*

Use ( ) parentheses to nest terms in logical order: **(A OR B) AND (C OR D)**

Synonyms

*"breast cancer" AND ("radiation therapy" OR radiotherapy)*

Alternate terms you're interested in

*"genetic counseling" AND ("breast cancer" OR melanoma)*

Search singular, plural, and British spellings

*"pineal tumor" OR "pineal tumors" OR "pineal tumour" OR "pineal tumours"*

Search ALL possible synonyms

*MRI OR "magnetic resonance imaging" OR "magnetic resonance tomography"*

Search medical terms, common names, and subject headings

*"hepatocellular carcinoma" OR "liver cancer" OR "Liver Neoplasms"[Mesh]*

## To search by field

To search the title field use **[ti]**

*Neuroblastoma***[ti]**

To search the title and abstract fields use **[tiab]**

*Neuroblastoma***[tiab]**

## To narrow by language

*"lung cancer"***[tiab]**

AND

**English**[Filter]

(**English**[Filter] or **French**[Filter])

## To narrow by location

*"lung cancer"***[tiab]**

AND

**Africa**[Mesh]

**Africa South of the Sahara**[Mesh]

**Americas**[Mesh]

**Asia**[Mesh]

**Zambia**[Mesh]

## To narrow by age

*"lung cancer"***[tiab]** AND

**Infant**[Mesh] {0-2}

**Child, Preschool**[Mesh] {2-5}

**Child**[Mesh] {6-12}

**Adolescent**[Mesh] {13-18}

**Young Adult**[Mesh] {19-24}

**Adult**[Mesh] {19-44}

**Middle Aged**[Mesh] {45-64}

**Aged**[Mesh] {65-79}

## To narrow by type of article

*"lung cancer"***[tiab]**

AND

**Case-Control Studies**[Mesh]

**Case Reports**[Publication Type]

**Clinical Trial**[Publication Type]

**Cohort Studies**[Mesh]

**Controlled Before-After Studies**[Mesh]

**Cross-Sectional Studies**[Mesh]

**Follow-Up Studies**[Mesh]

**Guideline**[Publication Type]

**Longitudinal Studies**[Mesh]

**Observational Study**[Publication Type]

**Prospective Studies**[Mesh]

**Retrospective Studies**[Mesh]

**Review**[Publication Type]

**Seroepidemiologic Studies**[Mesh]

## Subject Headings [Mesh]

To find the correct subject heading go to: <https://www.ncbi.nlm.nih.gov/mesh>

To search the MeSH subject headings use **[mesh]**  
*Neoplasm Staging***[mesh]**

### Subject headings versus keywords

Reasons to use Subject Headings [MeSH]	Reasons to use Keywords [TIAB]
<p>Some concepts don't have good keywords.</p> <p><i>"Employer Health Costs"</i>[Mesh]</p>	<p>Some concepts don't have subject headings.</p> <p><i>"cancer immunotherapy"</i>[tiab]</p>
<p>Subject headings try to retrieve ALL the records on a topic no matter which words actually appear in the titles and abstracts.</p> <p><i>"Myocardial Infarction"</i>[Mesh]</p> <p>retrieves all the records with the words <i>heart attack, cardiac arrest.</i></p>	<p>New articles may take <b>up to a year</b> to get subject headings assigned to them. Search Keywords as well:</p>
<p>Subject headings can automatically retrieve narrower subject headings in the hierarchical structure:</p> <p><i>Breast Neoplasms</i>[Mesh] retrieves:  <i>Breast Carcinoma In Situ</i>  <i>Breast Neoplasms, Male</i>  <i>Carcinoma, Ductal, Breast</i>  <i>Carcinoma, Lobular</i>  <i>Hereditary Breast and Ovarian Cancer Syndrome</i>  <i>Inflammatory Breast Neoplasms</i>  <i>Triple Negative Breast Neoplasms</i>  <i>Unilateral Breast Neoplasms</i></p>	<p>Keyword searching only retrieves the exact term you type in.</p> <p><i>"Breast Cancer"</i>[tiab]</p> <p>will <b>NOT</b> retrieve</p> <p><i>"Breast Neoplasms"</i>  <i>"Cancer of the Breast"</i>  <i>"Cancerous Breast Tumors"</i>  <i>"Lobular Carcinoma"</i></p>

To be comprehensive, search both subject headings and keywords at the same time:

*"Brain Neoplasms"*[Mesh] OR (*"brain cancer"*[tiab] OR *"brain carcinoma"*[tiab] OR *"brain tumor"*[tiab] OR *glioma*[tiab])