PubMed Search Tips

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

**TITLE**

MRI and Ultrasound Fusion Imaging for Cervical Cancer.

**AUTHORS**

Théodore C,1 Levaillant JM,2 Capmas P,2 Chabi H,3 Skalli D, Vienet-Lequé L, Haddad B

**ABSTRACT**

BACKGROUND: 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.

**SUBJECT HEADINGS**

Magnetic Resonance Imaging
Middle Aged
Neoplasm Staging
Ultrasonography/methods

---

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](https://www.ncbi.nlm.nih.gov/mesh)

To search the MeSH subject headings use [mesh]

Neoplasm Staging [mesh]

Subject headings versus keywords

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

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