



# **PICO-küsimus: abivahend päringu formuleerimiseks**

**TÜ kliinikumi meditsiiniinfo keskus  
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# PICO

**Hästi üles ehitatud küsimus**  
(well-built clinical question):

**Kas suitsetamisest loobumisel on  
rohkem abi hüпноosist või nõelravist?**



# Miks kasutada PICO- küsimust?

- Et küsimuse struktuur oleks selge ja arusaadav
- Et ära tunda, missugust infot täpselt küsimusele vastuse leidmiseks vaja on
- Et „tõlkida“ küsimus sobivateks otsisõnadeks (terminiteks)
- Et ehitada üles adekvaatne ja tulemuslik otsistrateegia

Õigesti vormistatud küsimuse formuleerimisele kulutatud minutid võivad säästa tunde otsingutele kulutatud aega



# PICO

**P**opulation, patient, problem (probleem, patsient)

**I**ntervention (sekkumine)

**C**omparison (võrdlus)

**O**utcome (tulemus)



# PICO

**P** Suitsetamine  
(smoking)

**I** Hüпноос  
(hypnosis)

**C** Akupunktuur  
(acupuncture)

**O** Suitsetamisest loobumine  
(cessation)



# PICO

- Vali võimalikult palju termineid, mis antud mõistet iseloomustavad
- Arvesta sünonüüme
- Arvesta seotud termineid – nii üldisemaid kui ka spetsiifilisemaid
- Ühenda terminid MeSH terminitega



# MeSH - Medical Subject Headings

- Kontrollitud meditsiiniterminite hierarhiline teaurus-sõnastik
- National Library of Medicine
- Üle 25 000 termini (*descriptors*)
- **Sünonüümide** otsing (*Automatic Term Mapping*)
- Terminid koos definitsioonidega
- **Alateemad** (*subheadings e qualifiers*) – piiravad otsingut  
Nt *measles (descriptor) – epidemiology (subheading e qualifier)*
- OVID Medline, PubMed Medline, EBSCO Medline





# MeSH - Medical Subject Headings

Select Term(s)	Subject Heading	Hits	Explode	Focus	Scope Note
[+] <input type="checkbox"/> Anatomy (Non MeSH)		0	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Organisms (Non MeSH)		0	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[-] <input type="checkbox"/> Diseases (Non MeSH)		0	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Bacterial Infections and Mycoses		0	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Virus Diseases		35924	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Parasitic Diseases		7915	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Neoplasms		368038	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Musculoskeletal Diseases		10529	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Digestive System Diseases		4576	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Stomatognathic Diseases		810	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[-] <input type="checkbox"/> Respiratory Tract Diseases		20594	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Bronchial Diseases		8434	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Ciliary Motility Disorders		937	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Granuloma, Respiratory Tract		357	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Laryngeal Diseases		6934	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[+] <input type="checkbox"/> Lung Diseases		64680	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
[-] <input type="checkbox"/> Nose Diseases		5726	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Choanal Atresia		779	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Epistaxis		4303	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Granuloma, Lethal Midline		504	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Nasal Obstruction		4228	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Nasal Polyps		5685	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Nasal Septal Perforation		107	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>
<input type="checkbox"/> Nose Deformities, Acquired		2718	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">i</a>





# MeSH - Medical Subject Headings

Scope Note for: *Smoking*

**MeSH HEADING:** SMOKING

**SCOPE:** Inhaling and exhaling the smoke of burning TOBACCO.

**NOTE:** MARIJUANA SMOKING is also available; smokers' patches, smokers' tongue = LEUKOPLAKIA, ORAL; cancer caused by smoking = organ/neoplasm term with /etiol (not /chem ind) + SMOKING /adv eff (not TOBACCO USE DISORDER); PASSIVE SMOKING see TOBACCO SMOKE POLLUTION and SMOKING CESSATION are also available

## REFERENCES:

### See Related:

MARIJUANA SMOKING

TOBACCO SMOKE POLLUTION

TOBACCO USE DISORDER

### Used For:

cigar smoking

cigarette smoking

hookah smoking

pipe smoking

smoking, cigar

smoking, cigarette

smoking, hookah

smoking, pipe

smoking, tobacco

smoking, waterpipe

smoking

tobacco smoking

waterpipe smoking



# MeSH - Medical Subject Headings

## Subheadings for: **Smoking**

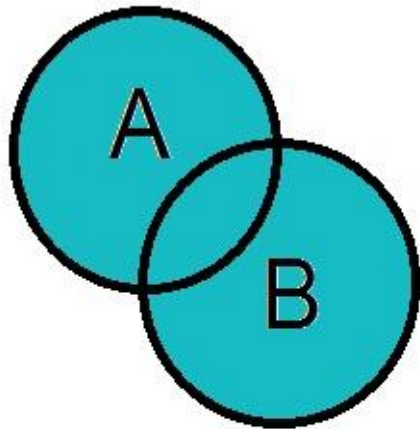
Combine with:

Include All Subheadings (134030)

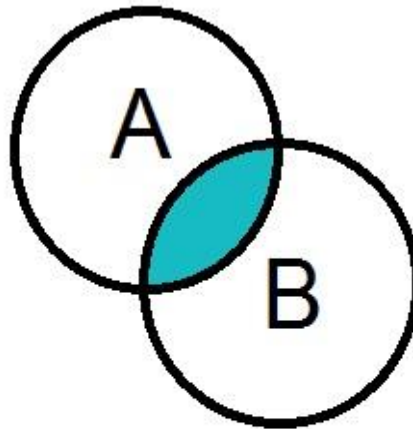
-- or choose one or more of these subheadings --

- /ae - Adverse Effects (39537)
- /bl - Blood (3500)
- /cf - Cerebrospinal Fluid (9)
- /co - Complications (4153)
- /di - Diagnosis (1)
- /de - Drug Effects (5)
- /dt - Drug Therapy (919)
- /ec - Economics (2150)
- /en - Enzymology (3)
- /ep - Epidemiology (29555)
- /eh - Ethnology (2390)
- /et - Etiology (1)
- /ge - Genetics (2655)
- /hi - History (466)
- /im - Immunology (988)
- /is - Instrumentation (2)
- /lj - Legislation & Jurisprudence (3610)
- /me - Metabolism (3481)
- /mo - Mortality (2062)
- /pa - Pathology (1257)
- /pd - Pharmacology (1)
- /ph - Physiology (24)
- /pp - Physiopathology (4806)
- /pc - Prevention & Control (16649)
- /px - Psychology (11452)
- /sn - Statistics & Numerical Data (26)
- /tu - Therapeutic Use (2)
- /th - Therapy (1410)
- /to - Toxicity (50)
- /td - Trends (1094)
- /ur - Urine (817)

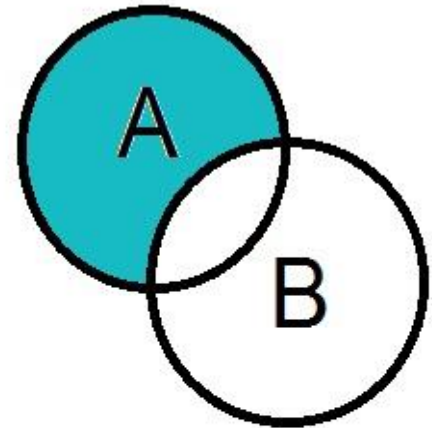
# Boole'i operaatorid



A OR B



A AND B



A NOT B



# Otsiterminid

**AND** 

**O**  
**R**  


<b>Patient Problem</b> (patsient probleem)	<b>Intervention</b> (sekkumine)	<b>Comparison</b> (võrdlus)	<b>Outcome</b> (tulemus)
smoking smoker	hypnosis hypnotherapy	acupuncture	cessation discontinuation
<b>MeSH</b>			
Smoking	Hypnosis	Acupuncture	Smoking cessation