استراتژی جستجو در پابمد

سیما اسماعیل زاد- دانشکده دندانپزشکی تبریز

بهمن 1398/ feb 2020

یک سوال تحقیق بر اساس الگوی پیکو بنویسید

استراتژی شما مبتنی بر سوالی است که شما می پرسید – یک سؤال کاملاً قاعده مند و کوتاه شده برای یک استراتژی جستجوی موفق ضروری است

مثال

آیا مسواک برقی بهتر از مسواک دستی کار می کند تا پلاک هنگام استفاده توسط کودکان برداشته شود؟

مثال

آیا روشهای درمانی برای رفع گرفتگی عضلات در بیماران مبتلا به ALS وجود دارد؟

ایجاد استراتژی جستجو

1

تعیین اجزای کلیدی سوال

مهمترین مفاهیم در جستجوی شما کدام واژه ها هستند؟

آیا مسواک برقی بهتر از مسواک دستی کار می کند تا پلاک هنگام استفاده توسط کودکان برداشته شود؟

آیا روشهای درمانی برای رفع گرفتگی عضلات در بیماران مبتلا به ALS وجود دارد؟

ایجاد استراتژی جستجو

مترادف کلیدواژه ها را تعیین کنید

یک دارو می تواند نام های مختلف داشته باشد	یک بیماری می تواند نام های مختلف داشته باشد
Generic trade names (ie. fluoxetine **OR** prozac) Trade names can vary by country	Lou Gehrig **OR** ALS **OR** Amyotrophic Lateral Sclerosis

Developing a search strategy

3 سرعنوان های مش مورد استفاده را تعیین کنید

MeSH مخفف عنوان Subject Medical است.

MeSHواژگان کنترل شده ای است که برای توصیف مقالات در PubMedاستفاده می شود.

هر مقاله در PubMed با سرعنوان های MeSH برچسب گذاری میشود که نشان می دهد مقاله در باره چیست.

مثال برای MeSH

فرض کنیم یکی از کلید واژه های شما"Cosmetic Dentistry" است .در پایگاه داده MeSH جستجو کنید تا ببینید MeSH چه سرعنوانی را برای توصیف این مفهوم بکار برده است.

Esthetics, Dental

Skills, techniques, standards, and principles used to [illegible] the art and sy[illegible] function of the teeth, mouth, and face. (From Boucher's Clinical Dental Te[illegible]

Year introduced: 1965

PubMed search builder options

Subheadings:

- adverse effects
- classification
- economics
- education
- ethics
- history
- instrumentation
- methods
- organization and administration
- pharmacology
- psychology
- standards
- statistics and numerical data
- therapeutic use
- trends
- veterinary

Restrict to MeSH Major Topic.

Do not include MeSH terms found below this term in the MeSH hi[illegible]

Tree Number(s): E06.420

MeSH Unique ID: D004955

Entry Terms:

- Esthetic, Dental
- Dental Esthetic
- Dental Esthetics
- Aesthetics, Dental
- Cosmetic Dentistry
- Cosmetic Dentistries
- Dentistries, Cosmetic
- Dentistry, Cosmetic

اصطلاح منتخب مش برای "Cosmetic dentistry"، است "Esthetic, Dental"

این اصطلاحات ممکن است قبل از اضافه شدن سرعنوان "Esthetic, Dental" به پابمد، استفاده شده باشند

در جستجو میتوان به جای همه این کلمات مترادف، از سرعنوان منتخب مش "Esthetic, Dental" استفاده نمود.

زمانی که شما قادر به شناسایی اصطلاح صحیح در MeSH شوید، عمل جستجو برای شما بسیار آسان خواهد شد

PubMed Search Builder

Add to search builder | AND

Search PubMed

YouTube Tutorial

Related information

- PubMed
- PubMed - Major Topic
- Clinical Queries
- NLM MeSH Browser

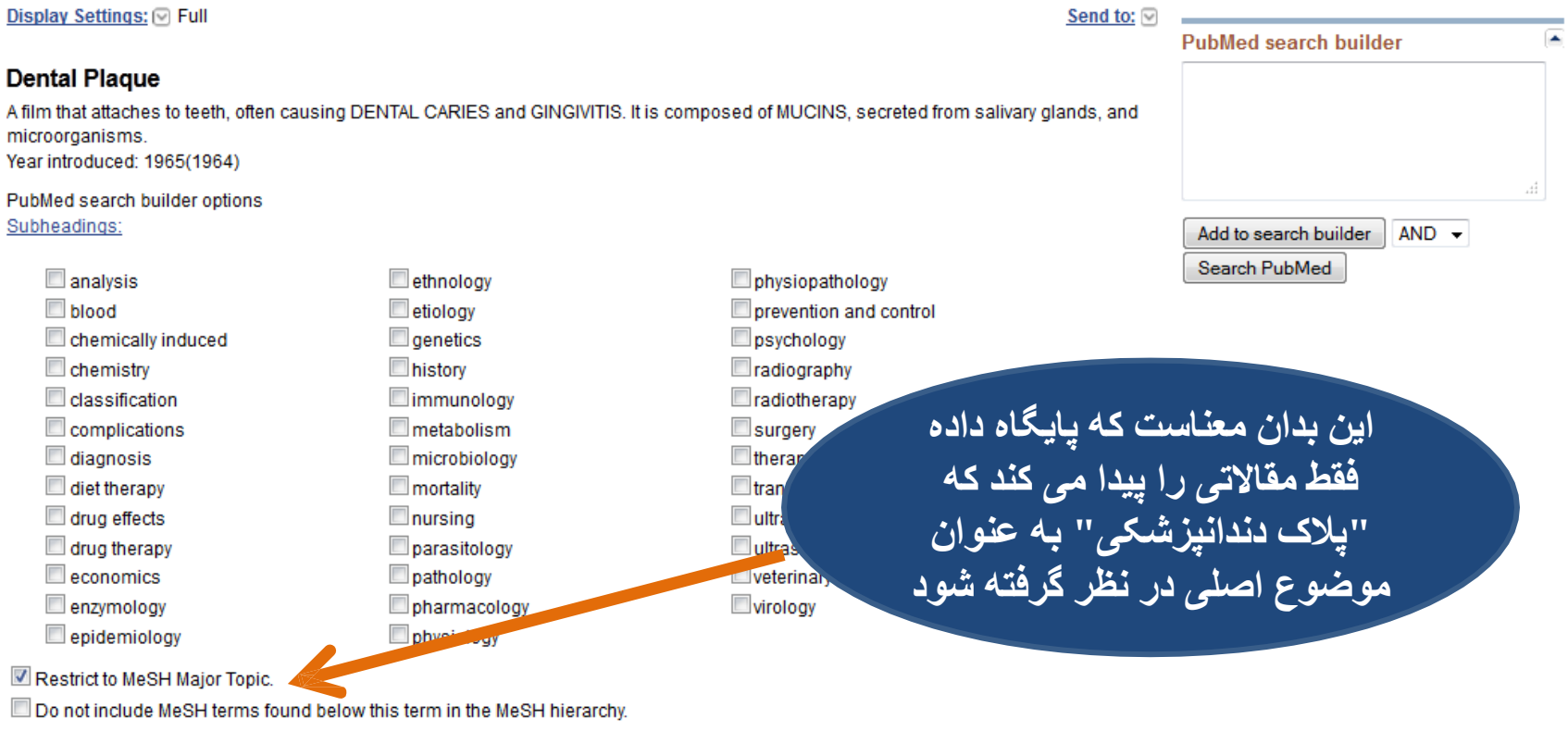
Recent Activity

Turn Off | Clear

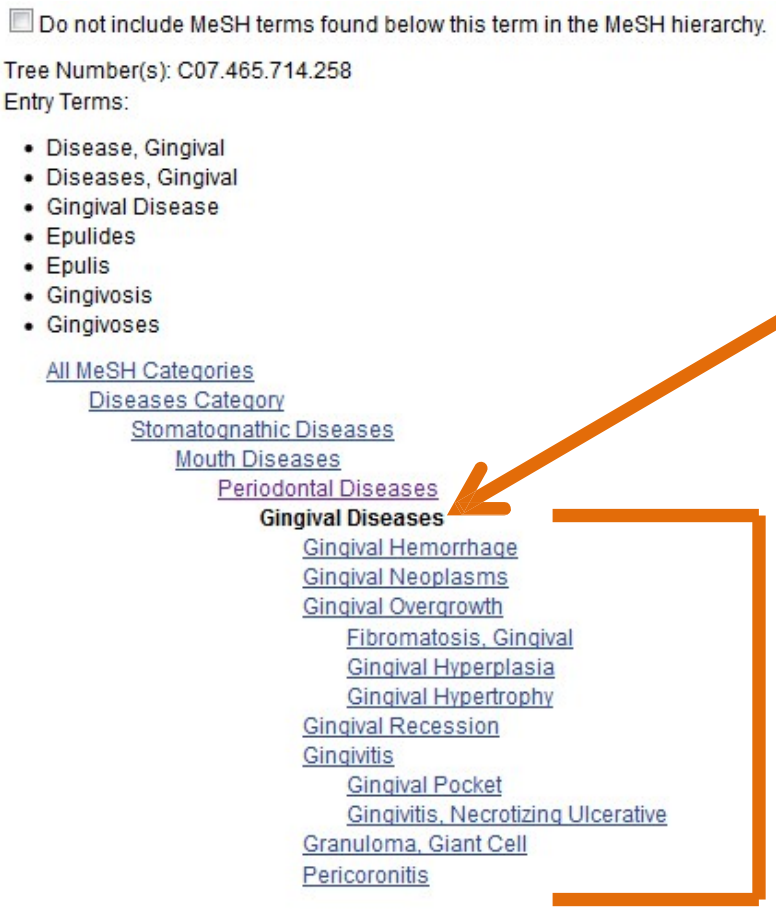
- Esthetics, Dental — MeSH
- cosmetic dentistry (1) — MeSH
- dental esthetic (1) — MeSH
- esthetic dentistry (1) — MeSH

MeSH as controlled vocabulary : Strengths

1 You can make a subject heading a “Major Topic”



هنگامی که اصطلاح منتخب مش را "Explode" کنید. بانک اطلاعاتی تمام اصطلاحات موجود در زیر سلسله مراتب را جستجو می کند.



در این قسمت اصطلاح مش "Gingival Diseases" به صورت سلسله مراتب قرارگرفته

هنگامی که اصطلاح MeSH "بیماری های لثه" را جستجو می کنید ، PubMed این اصطلاح را "Explode" می کند ، و تمام اصطلاحات موجود در زیر آن را جستجو می کند

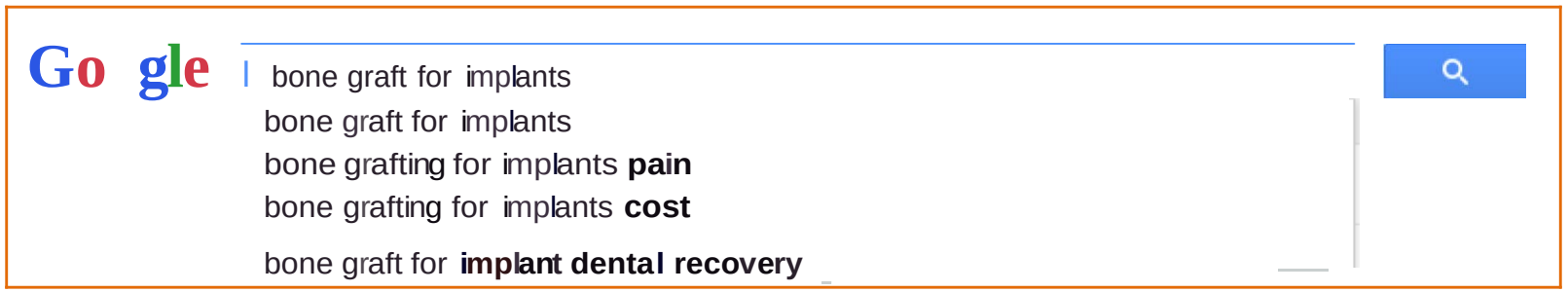
جستجو با استفاده از اصطلاحات MeSH معمولاً نتایج کمتری و مرتبط تر به شما می دهد.

بهتر است برای هر یک از مفاهیم خود بطور جداگانه همین روند را طی کنید. بعدا می توانید آنها را ترکیب کنید

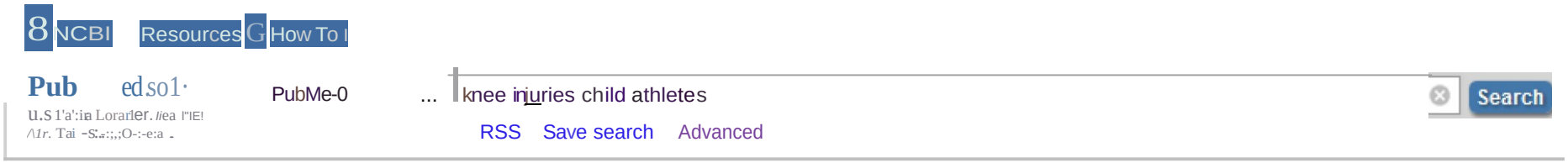
MeSH as controlled vocabulary : Weaknesses

- اصطلاحات MeSH بعضی اوقات کلمات مورد استفاده روزمره شما نیستند (یعنی شهودی نیستند).
- اصطلاحات MeSH اغلب منعکس کننده کل تشکیلات دارویی ، پیشرفت های اخیر و غیره نیست.
- وقتی مقالات جدید به PubMed وارد می شوند ، بلافاصله با اصطلاحات MeSH ایندکس نمی شوند یا برچسب گذاری نمی شوند - همیشه تأخیر وجود دارد.

از زبان طبیعی برای جستجو استفاده کنید



همان کاری که هر روز در گوگل انجام می دهیم



می توانیم در جستجوی پابمد نیز انجام دهیم

Natural language (free text searching)

Strengths:

- Very quick and effective
- Useful for new concepts that might not be indexed yet

Weaknesses:

- High recall, low accuracy
- Does not deal well with synonyms, variant spellings

What are you telling me?

You want accuracy and a manageable number of articles, but you also want to make sure not to miss new articles about new concepts.

So…

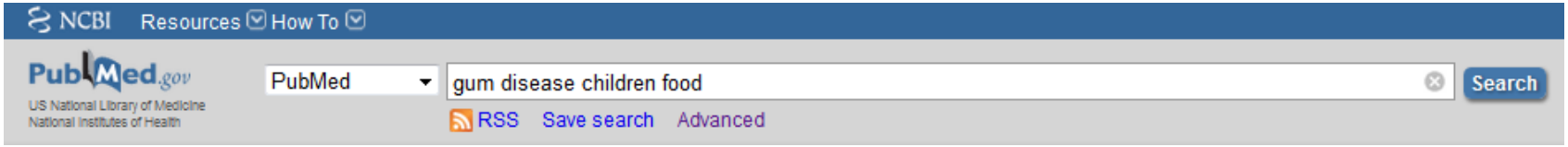
You will have to do both types of searches: MeSH and natural language

Two ways of searching : MeSH & natural language/free text

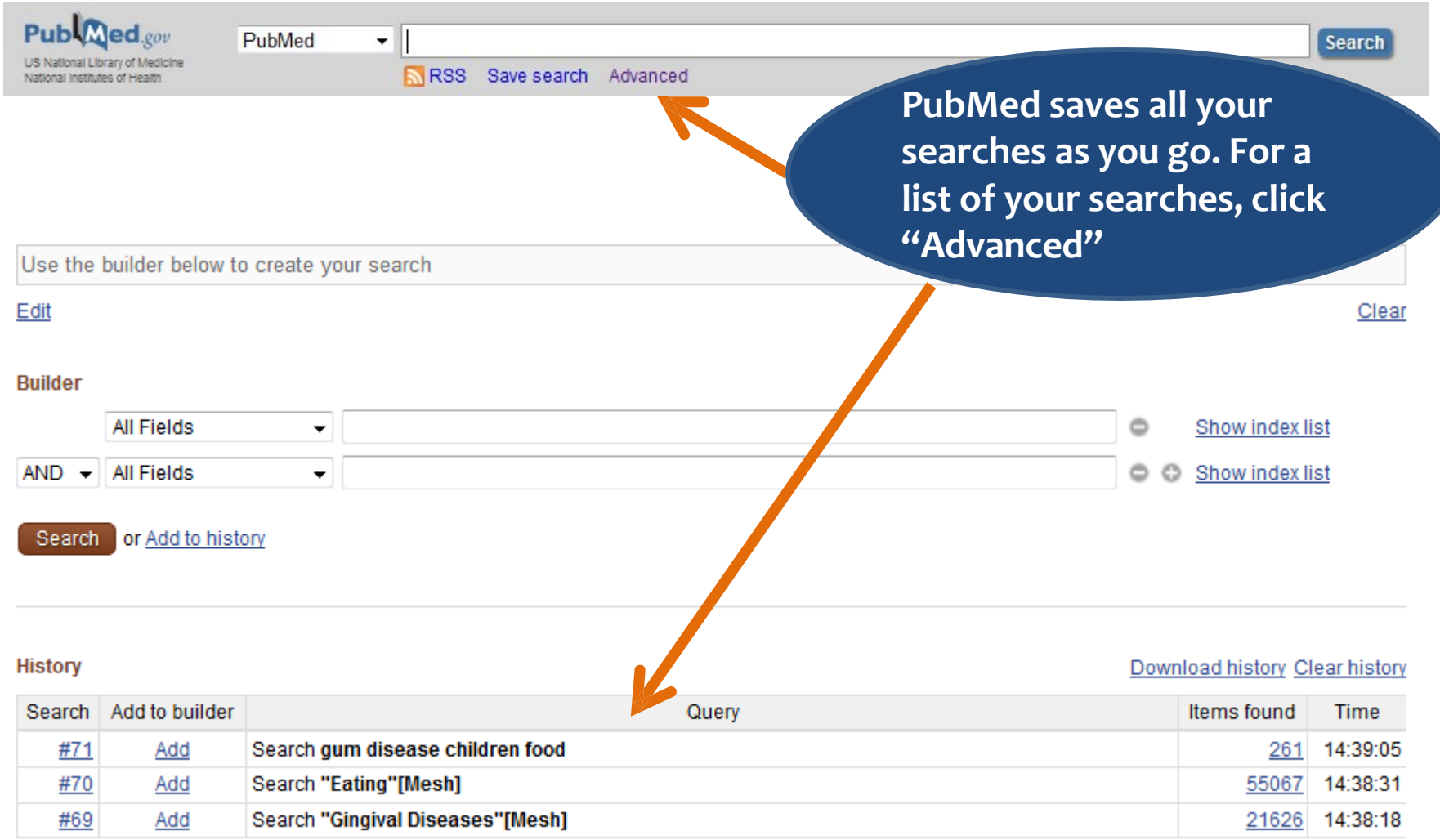
1

Remember to do this for each concept!

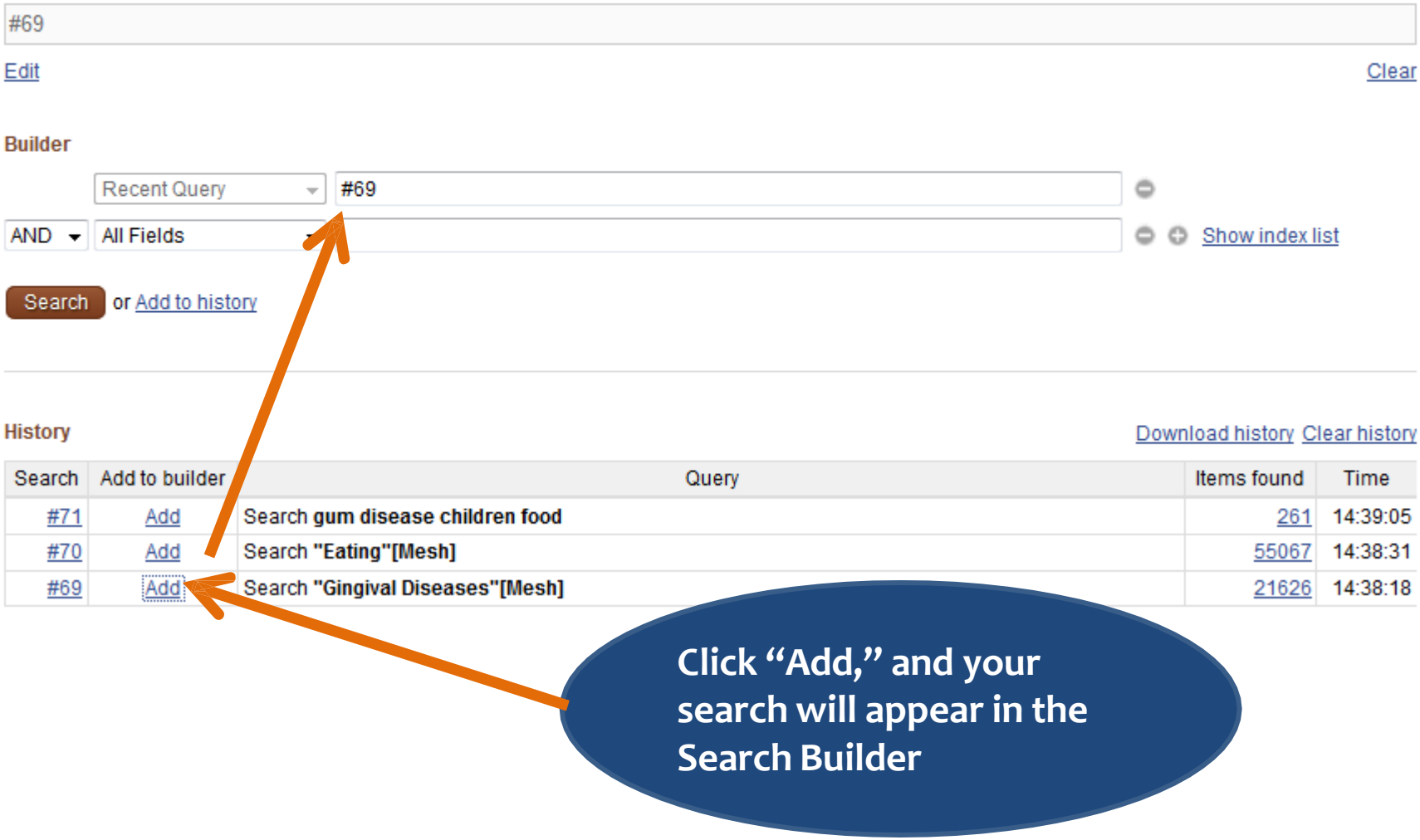
2



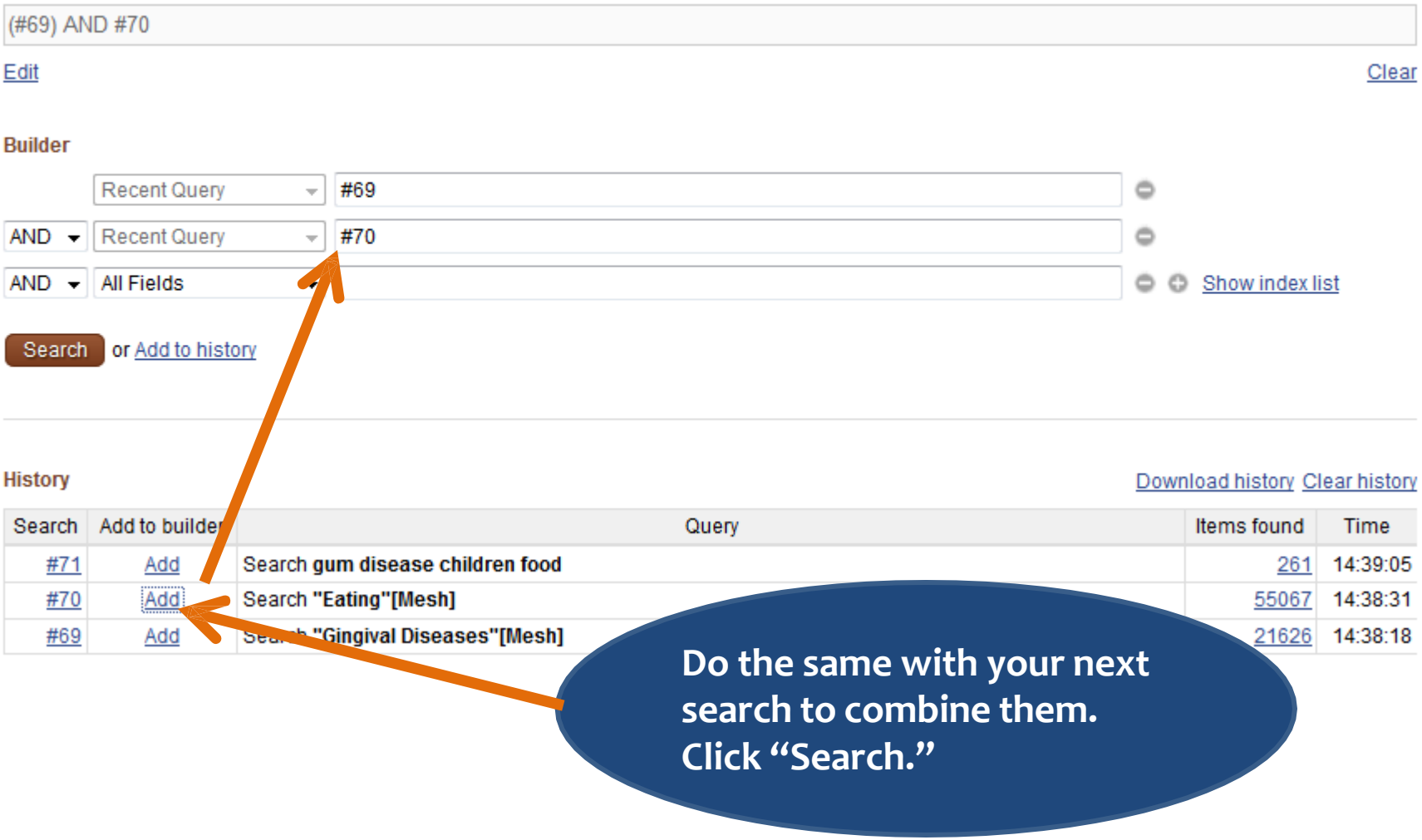
Combining searches



Combining searches



Combining searches

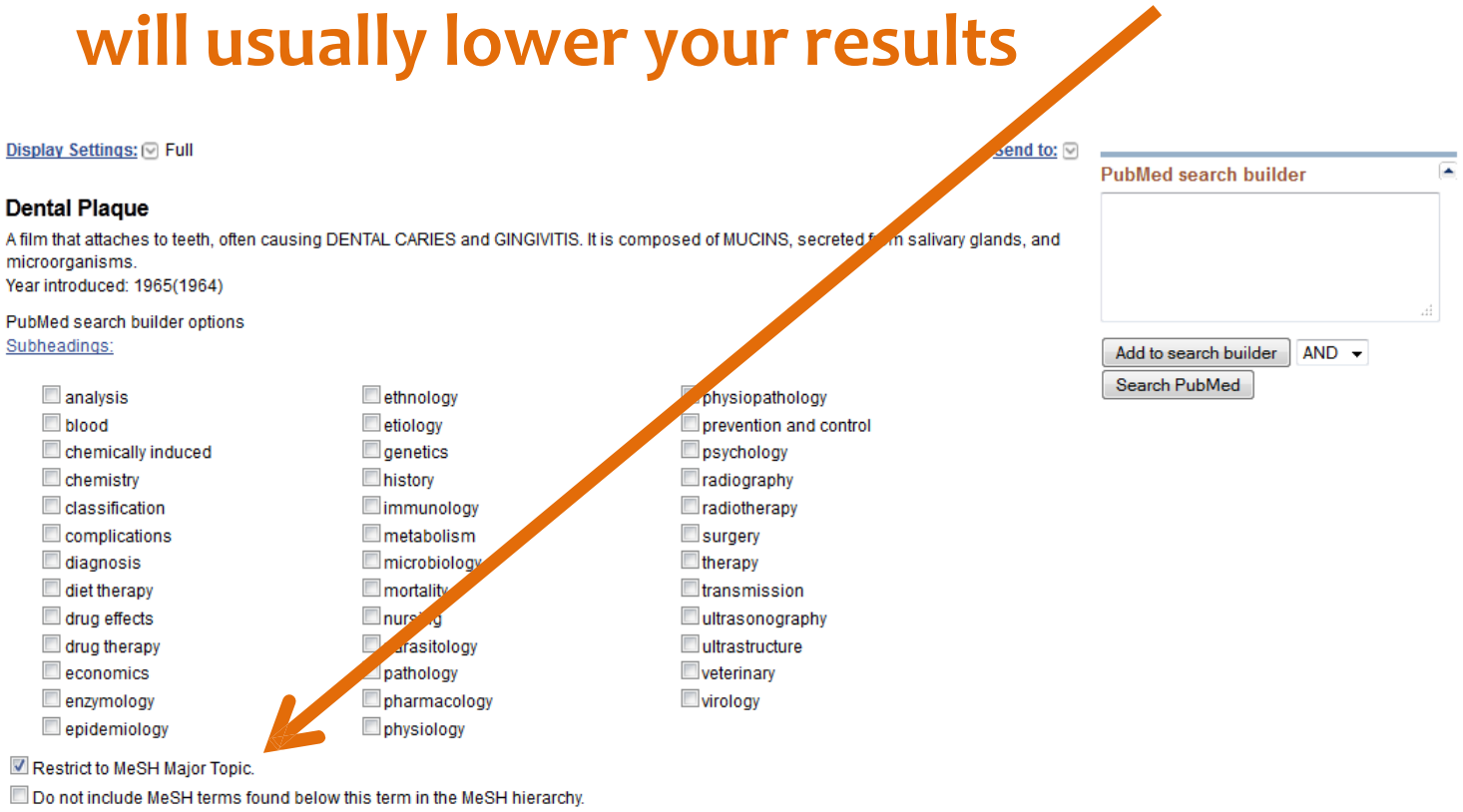


The reality of PubMed searching

- You might not get what you're looking for on the first search.
- You might have to combine searches in different ways, try out different MeSH terms, and try different free text words.
- Remember that you can combine your free text searches with your MeSH searches to make sure you got everything.
- Be patient and keep trying.

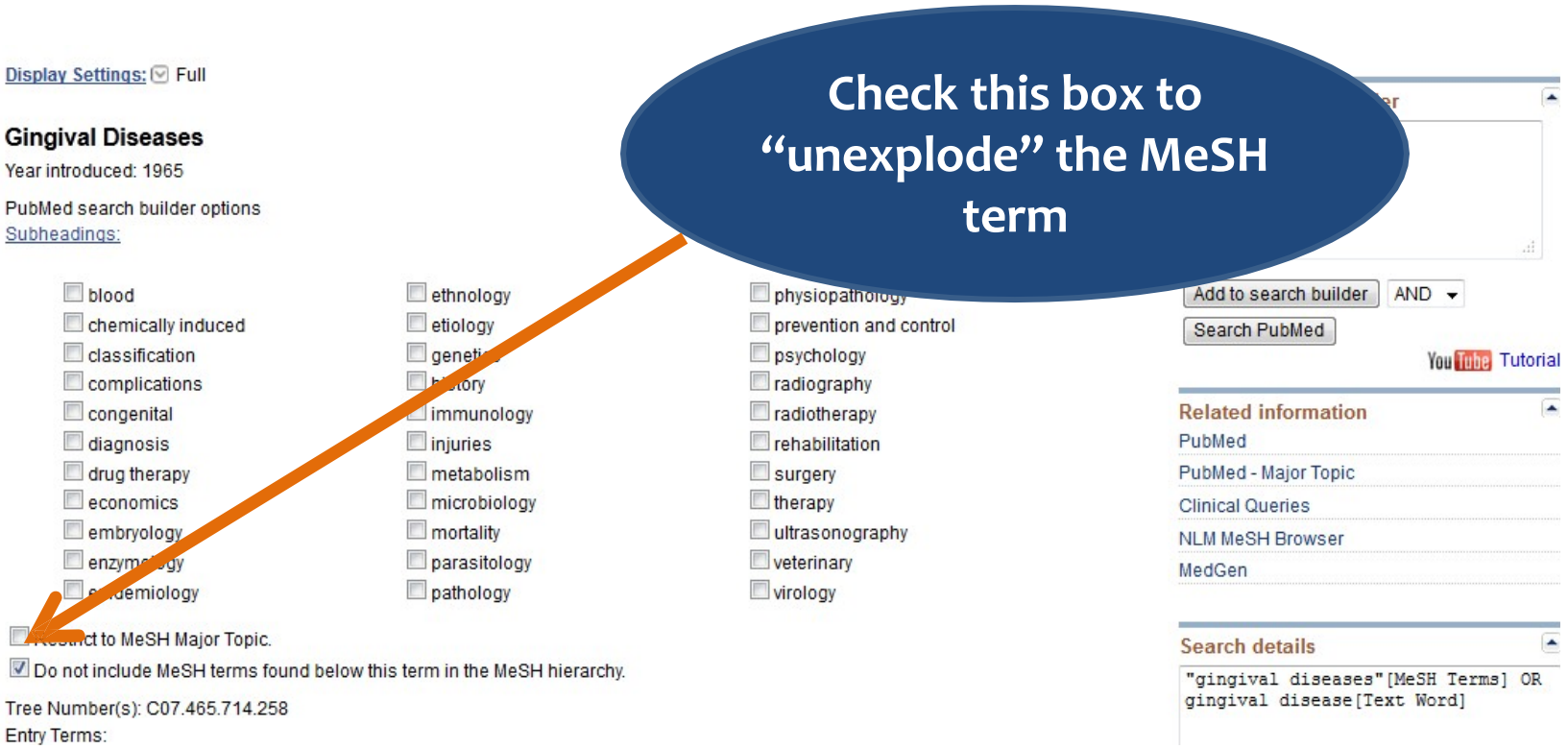
What if I have too many references?

- Adding new and more specific terms to your search strategy will often lower your results
- Searching a MeSH term as a "Major Topic" will usually lower your results



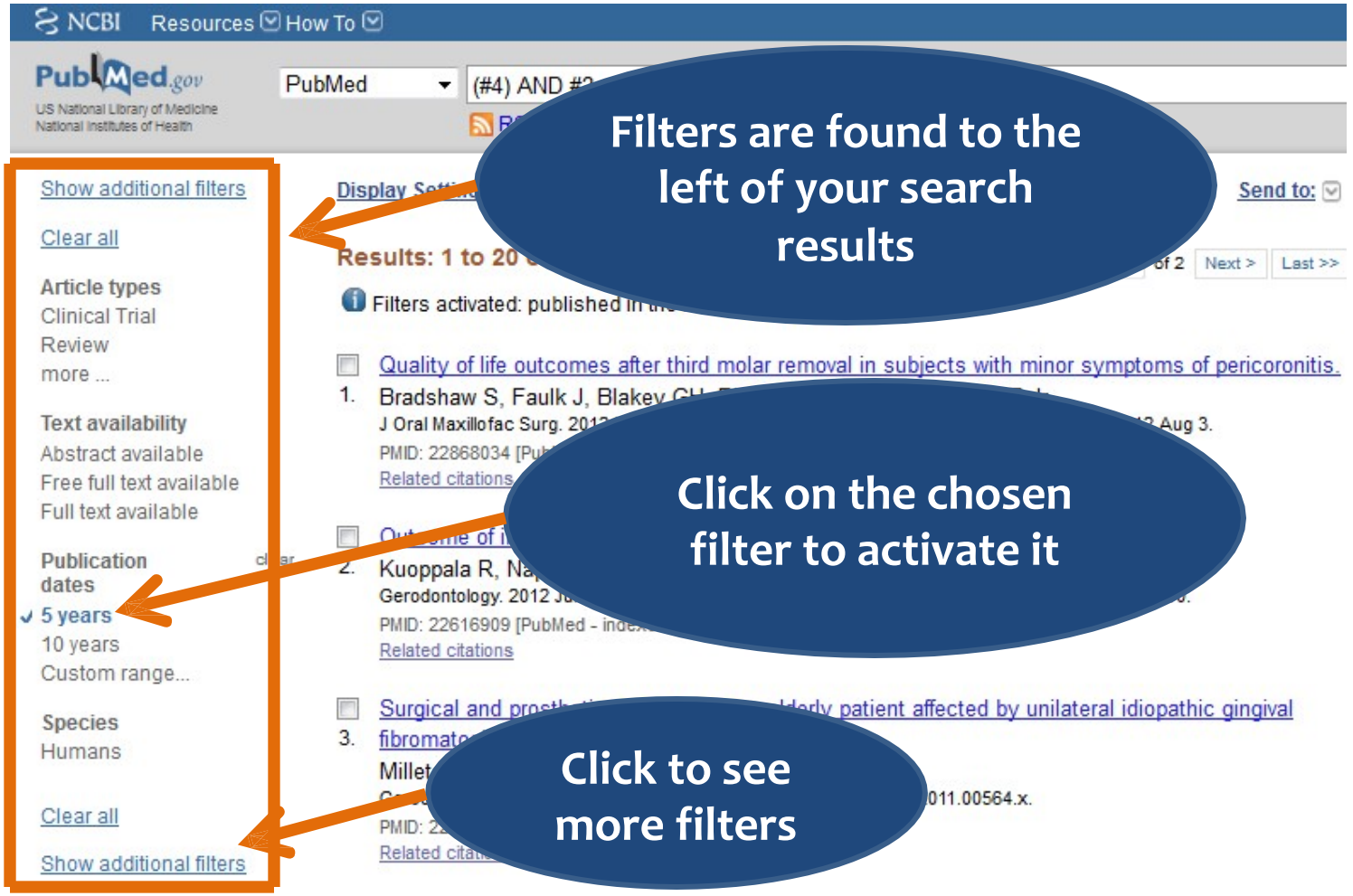
What if I have too many references?

- NOT exploding a term will lower your numbers



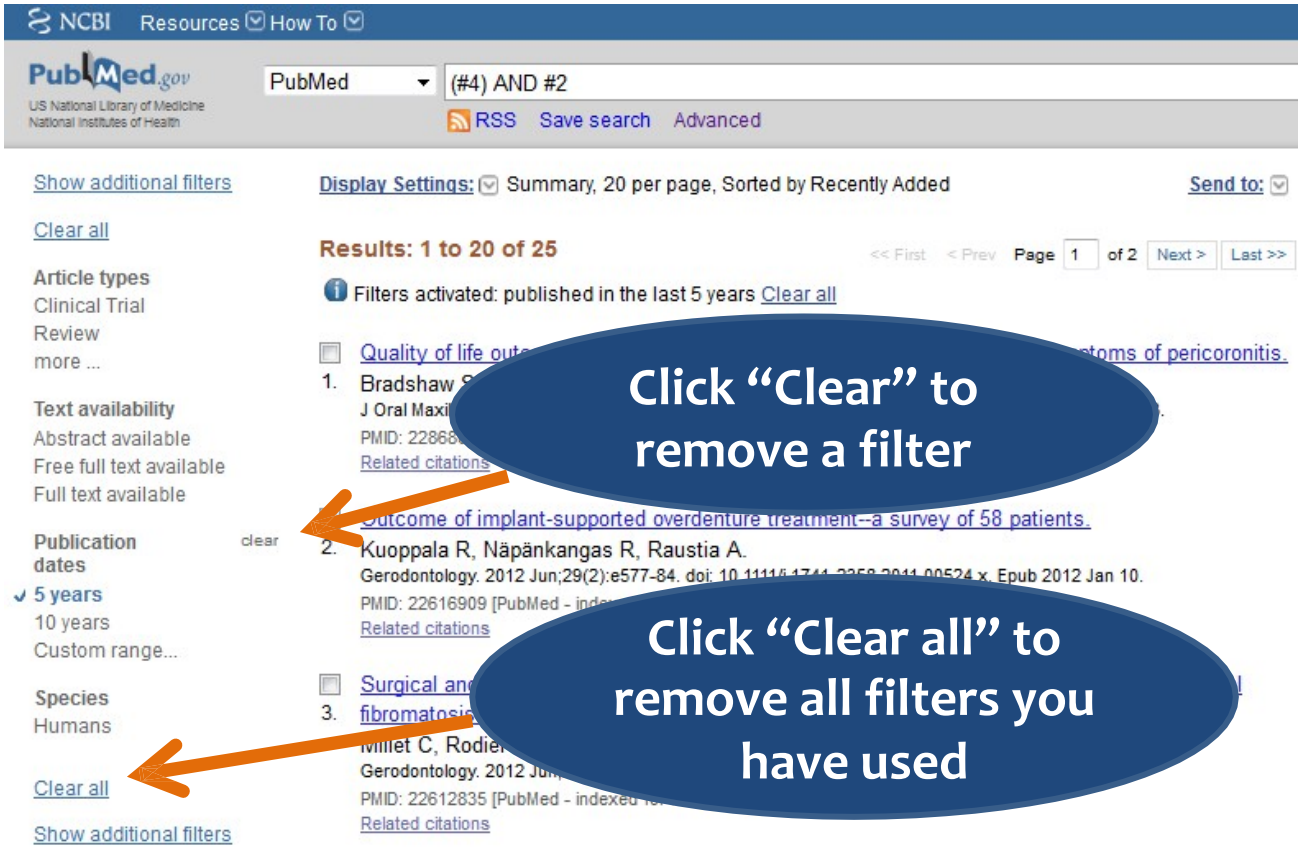
What if I have too many references?

- Limits such as date/language/article type will lower your numbers

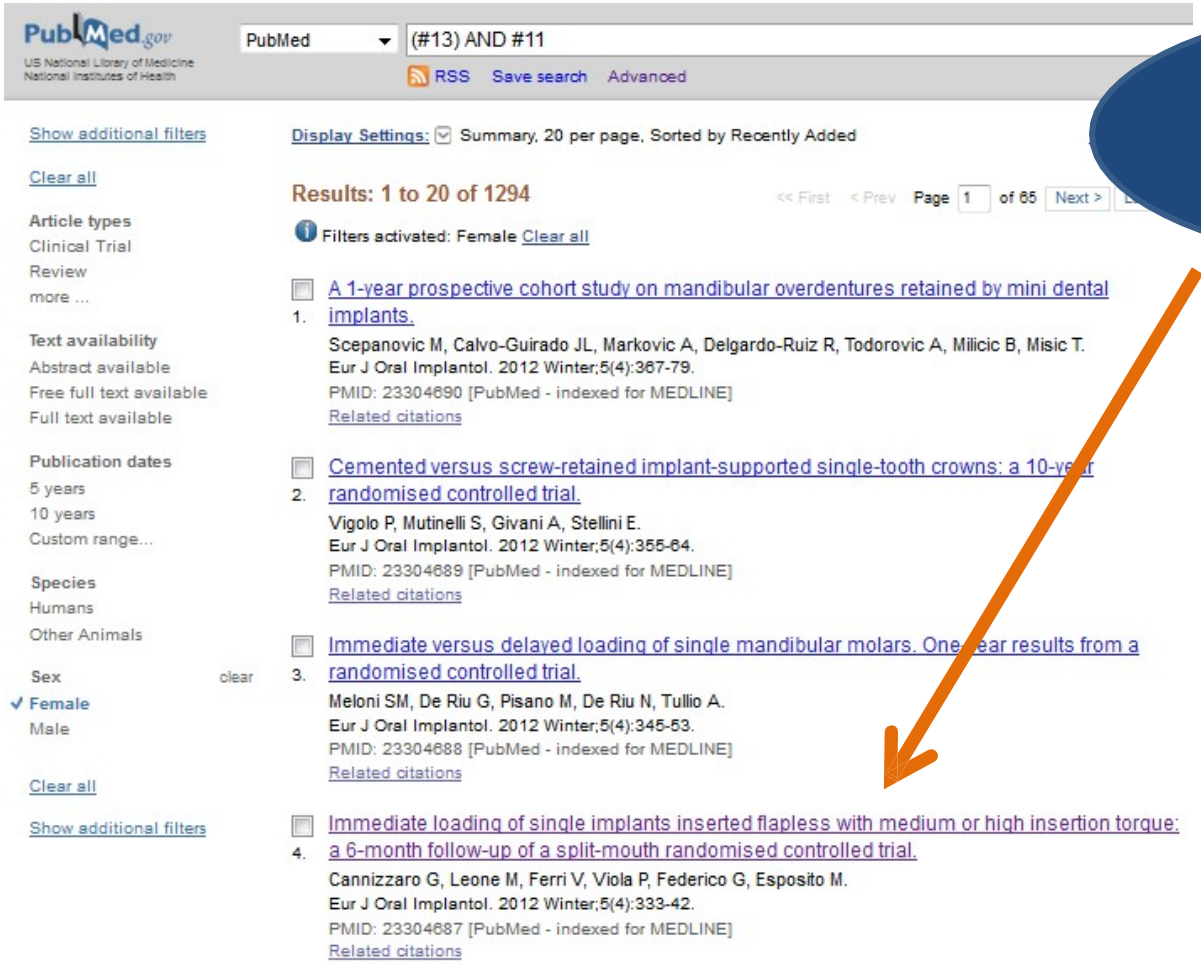


What if I have too few references?

- Remove one of your search terms – ideally the least important one
- Remove limits (filters)



A Tip: What to do when you find one *really* good article



Let's say this article is exactly the sort of thing you're looking for

Tip: Learn which MeSH terms were used to describe this article. Use those terms to find similar articles.

1. Click "Display Settings"
2. Choose "Abstract. Click "Apply"
NCBI Resources How To
PubMed.gov
US National Library of Medicine
National Institutes of Health
PubMed
(#13) AND #11
RSS Save search Advanced
Show additional filters
Display Settings:
Summary, 20 per page, Sorted by Recently Added
Send to:
Clear all
Format
Summary
Summary (text)
Abstract
Abstract (text)
MEDLINE
XML
PMID List
Items per page
5
10
20
50
100
200
Sort by
Recently Added
Pub Date
First Author
Last Author
Journal
Title
Apply
Article types
Clinical Trial
Review
more ...
Text availability
Abstract available
Free full text available
Full text available
Publication dates
5 years
10 years
Custom range...
Species
Humans
Other Animals
Sex
clear
Female
Male
Clear all
Show additional filters
1 of 65 Next > Last >>
by mini dental implants.
ic A, Milicic B, Misic T.
supported single-tooth crowns: a 10-year randomised
3. randomised controlled trial.
Meloni SM, De Riu G, Pisano M, De Riu N, Tullio A.
Eur J Oral Implantol. 2012 Winter;5(4):345-53.
PMID: 23304688 [PubMed - indexed for MEDLINE]
Related citations
4. Immediate loading of single implants inserted flapless with medium or high insertion torque: a 6-month follow-up of a split-mouth randomised controlled trial.
Cannizzaro G, Leone M, Ferri V, Viola P, Federico G, Esposito M.
Eur J Oral Implantol. 2012 Winter;5(4):333-42.

Eur J Oral Implantol. 2012 Winter;5(4):345-53.

3. **Immediate versus delayed loading of single mandibular molars. One-yea results from a randomised controlled trial.**

Meloni SM, De Riu G, Pisano M, De Riu N, Tullio A.

University Hospital of Sassari, Italy. melonisilviomario@yahoo.it

Abstract

PURPOSE: To compare the outcome of immediate non-occlusal loading and that of delayed implant loading in the bilateral replacement of single mandibular molars.

MATERIALS AND METHODS: This study was designed as a randomised, controlled, split-mouth trial. Twenty patients with bilaterally missing first mandibular molars had one of the sites to be restored randomly assigned to be treated with immediately or conventionally loaded single implants. A total of 40 implants were bilaterally installed. All the implants were inserted in healed healthy bone with an insertion torque between 35 and 45 Ncm. One molar was restored with a non-occluding temporary crown within 24 h after implant placement, while the contralateral molar was restored with a definitive crown 4 to 5 months later, according to a two-stage procedure. Final restorations were provided 4 to 5 months after implant placement for all implants. Outcome measures were implant survival, complications, radiographic marginal bone-level changes, PPD and BOP.

RESULTS: No patients dropped out and no implant failed. Only minor prosthetic complications were observed (2 provisional acrylic crown fractures in the immediate loading group and 2 ceramic chipping in the delayed loading group). Mean marginal bone loss was 0.83 ± 0.16 mm (95% CI 0.75 to 0.91) in the immediate loading group and 0.86 ± 0.16 mm (95% CI 0.78 to 0.94) in the conventional loading group and no statistically significant differences between the two groups were observed (P = 0.530). Mean PPD and BOP values were, respectively, 2.76 ± 0.48 (95% CI 2.55 to 2.97) and 1.30 ± 0.73 (95% CI 0.98 to 1.62) in the immediate loading group, and 2.70 ± 0.37 (95% CI 2.54 to 2.86) and 1.40 ± 0.75 (95% CI 1.07 to 1.73) in the conventional loading group. Also, a statistical comparison of BOP and PPD did not show any significant difference (P = 0.163 and P = 0.652, respectively).

CONCLUSIONS: Within the limitations of this study, the present data seem to confirm the hypothesis that th clinical outcome of immediate versus delayed loading of implants in single mandibular molar sites is comparable.

PMID: 23304688 [PubMed - indexed for MEDLINE]

Related citations

Get it @ DAL

Publication Types, MeSH Terms

Now you can scroll through your search results and read the abstracts

AND

Click "MeSH Terms" to find out what terms were used to describe this article

8 Publrcatro111 Typesf MeSIH Terms

Piublic:ati o:n Tyi;>es
Compmati;J"e Study
Randamized Controlled Trial
Reseatdi Sup!Xlri. l'W:n-U.5. Gm
t

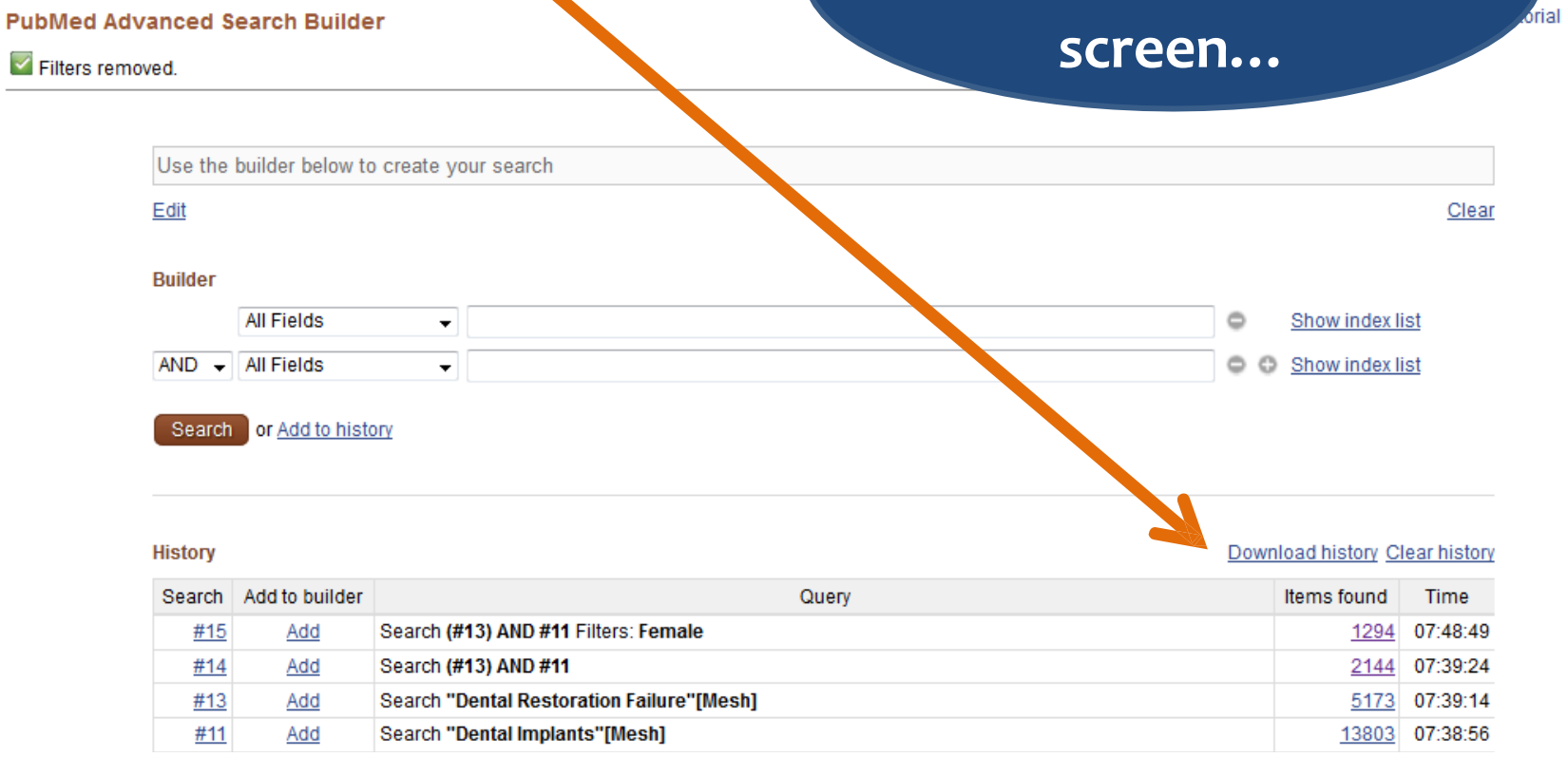
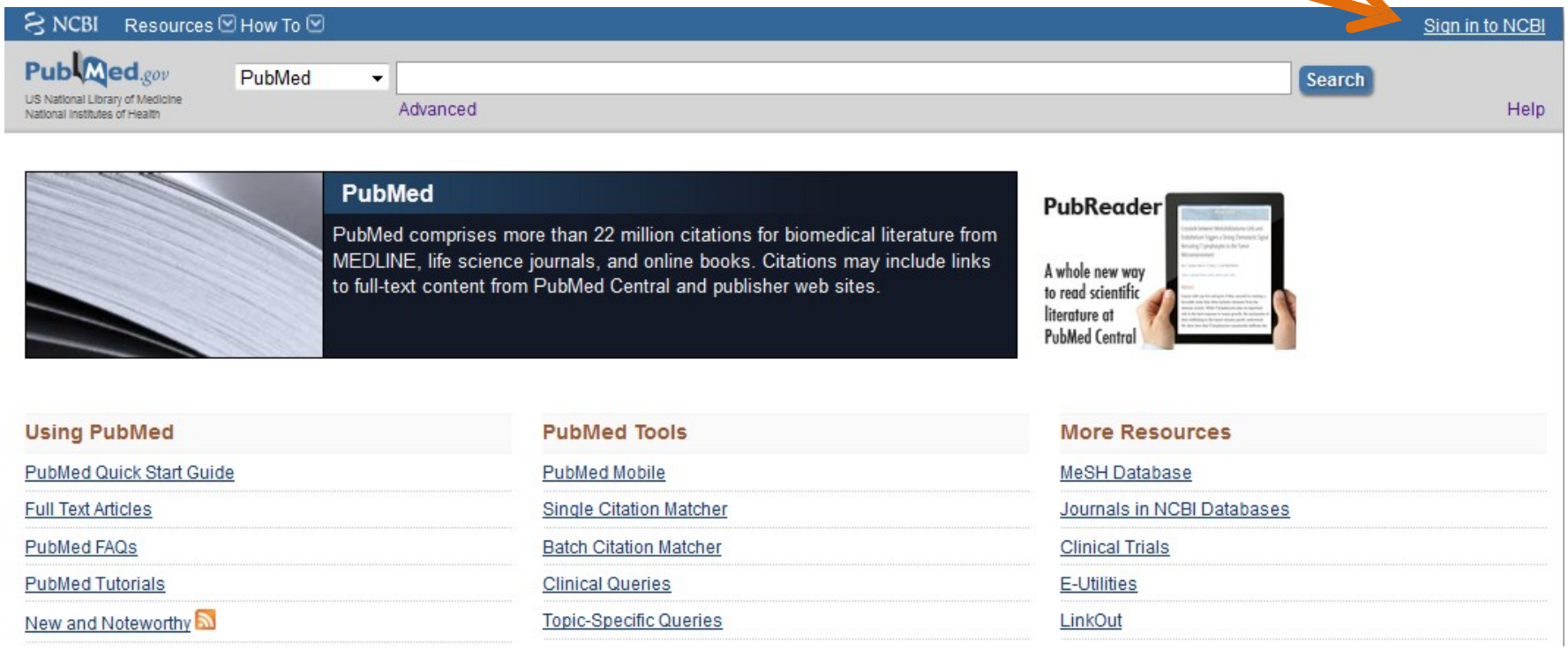
MeSH Tesms
AdUJlt
Agsd
Ahreolm Bone Loss
Com1:1uta-AidsdllJes.ign
Crowns
Dental Implantation. Endosseou.s
Dental Implants. Sint1le-Tooth•
Dental Pro.5thesis Deign
Dental Prosthesis. Implant-Sup;pcried
Dental Restoration FailUJe
Female
Human..s
Immediate Dental Implant Loadin
t1• Male
Mandible
Middle ooect
Molar

A whole list; of search t;erms you might; want; t;o t;ry

What if I want to save my search strategy for later use? Two options:

1 Download it

From the Advanced Search screen…



2 Create a free NCBI account to store all your PubMed searches