New PubMed

Claire Twose, Welch Medical Library
January 21, 2020

Slides adapted from NCBI Presentation “New PubMed for Librarians”
“We are transforming PubMed into a modern hub with a fast, reliable, and intuitive search that connects people to the world's leading sources of biomedical information.”
Continuing PubMed Functionality

• Advanced search
• Search details
• Downloadable search history
• Outside Tool icons
• My NCBI custom filters
Additional Functionality Transitioned to New Interface

• Tools are still available:
  • Search from the MeSH database
  • Search from NLM Catalog
  • Clinical Queries
  • Single Citation Matcher
  • Batch Citation Matcher

• My NCBI directs to the new PubMed – saved searches, alerts do not need to be recreated.

• A New PubMed API
What’s New: Presentation and Navigation Features

• Preview snippets from the abstracts on the results page
• Page from abstract to abstract
• Navigate around a record using the sidebar
• Cite in your preferred format
• Share via social media or permalink
• Access everything from your mobile device

Best Match brings relevant results to the top
...plus enhanced retrieval

• Better sensors
• Added synonymy, including plural forms
• Improved British/American mapping
• Unlimited truncation
Basic PubMed best practices have not changed

Looking for a few good articles about a topic?
- Enter your search terms into the search box
- Be specific
- No search tags or ANDs needed
- Avoid quotation marks
- Avoid truncation (*)

Looking for a specific, known article?
- Let the citation sensor work for you
Known Item Search: marom medicine 2016

PubMed® comprises more than 30 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.
Complementary and Alternative Medicine Treatment Options for Otitis Media: A Systematic Review

T Marom et al. Medicine (Baltimore) 95 (6), e2695. Feb 2016.
Complementary and Alternative Medicine Treatment Options for Otitis Media: A Systematic Review

Tal Marom, Paola Marchisio ... Susanna Esposito

Abstract

Otitis media (OM) has numerous presentations in children. Together with conventional medical therapies aimed to prevent and/or treat OM, a rising number of complementary and alternative medicine (CAM) treatment options can be offered. Since OM is common in children, parents may ask healthcare professionals about possible CAM therapies. Many physicians feel that their knowledge is limited regarding these therapies, and that they desire some information. Therefore, we conducted a literature review of CAM therapies for OM, taking into account that many of these treatments, their validity and efficacy and have not been scientifically demonstrated. We performed a search in MEDLINE (accessed via PubMed) using the following terms: "CAM" in conjunction with "OM" and "children. Retrieved publications regarding treatment of OM in children which included these terms included randomized controlled trials, prospective/retrospective studies, and case studies. The following CAM options for OM treatment in children were considered: acupuncture, homeopathy, herbal medicine/phytotherapy, osteopathy, chiropractic, xylitol, ear candling, vitamin D supplement, and systemic and topical probiotics. We reviewed each treatment and described the level of scientific evidence of the relevant publications. The therapeutic approaches commonly associated with CAM are usually conservative, and do not include drugs or surgery. Currently, CAM is not considered by physicians a potential treatment of OM, as there is limited supporting evidence. Further studies are warranted in order to evaluate the potential value of CAM therapies for OM.

Figures
Cite

- Citation in AMA, MLA, APA, and NLM formats
- Copy citation text
- Download .RIS
Results Page

- Results by Year graph
- Save, Email, Send to
- Best Match by default
- Abstract snippets with highlights
- Filters
- Advanced search
- Create alert
- Cite and Share
Complementary and Alternative Medicine Treatment Options for Otitis Media: A Systematic Review

Otitis media: diagnosis and treatment
Management of acute otitis media should begin with adequate analgesia. Antibiotic therapy can be deferred in children two years or older with mild symptoms. Children with persistent symptoms despite 48 to 72 hours of antibiotic therapy should be reexamined, and a second-line agent, such as amoxicillin/clavulanate, should be used if appropriate. ...
Nucleic acid detection with CRISPR-Cas13a/C2c2.


The RNA-guided, RNA-targeting clustered regularly interspaced short palindromic repeats (CRISPR) effector Cas13a (previously known as C2c2) exhibits a "collateral effect" of promiscuous ribonuclease activity upon target recognition. We combine the collateral effect of Cas13a with isothermal amplification to establish a CRISPR-based diagnostic (CRISPR-Dx), providing rapid DNA or RNA detection with atto-molar sensitivity and single-base mismatch specificity, ...

Annotation and Classification of CRISPR-Cas Systems.

Makarova KS and Koozin EV. Methods Mol Biol 2015 - Review: PMID 25981466

The clustered regularly interspaced short palindromic repeats (CRISPR)-Cas (CRISPR-associated proteins) is a prokaryotic adaptive immune system that is represented in most archaea and many bacteria. Comparative genomic analysis of the CRISPR-Cas systems in new archaeal and bacterial genomes performed over the 3 years elapsed since the development of this classification makes it clear that new types and classes of CRISPR-Cas need to be introduced.
Save to File - Options

Selection
• All results on this page
• All results (up to 10K)
• Selection

Format
• Summary
• RIS
• PMID List
• Abstract
• CSV
Email - Options

Selection
- All results on this page
- Selection

Format
- Summary (Text)
- Summary
- Abstract (Text)
- Abstract
More Actions Menu

Send to
- Clipboard
- My Bibliography
- Collections
• Click on Additional Filters
• Select a category
• Check the filters
• Click “Apply”
My NCBI Custom Filters

PubMed.gov

otitis media treatment

Advanced  Create alert

Save  Email  ...

Sort by  Best match

18,404 results  4 items selected  × Clear selection

Otitis media: diagnosis and treatment.
Acute otitis media is usually a complication of eustachian tube dysfunction that occurs in upper respiratory tract infection. ...Management of acute otitis media should begin with analgesia. Antibiotic therapy can be deferred in children two years or older with mild

Cite  Share

Panel 7: Otitis Media: Treatment and Complications.
Create Alert

- Save search
- Create alert
- Specify frequency
- Specify format
Advanced Search and History

- Search specific fields
- Show index
- Build complex searches
- Powerful tool for advanced users
Advanced Search and History

- Includes author and journal index autocomplete features
Search History

- View and Download search history
- Compare results of various searches
- Combine previous searches
- View search details
- Download Search History

<table>
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<th>Time</th>
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Showing 1 to 5 of 5 entries
Search Details

- View search details and translation

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<td></td>
<td>Search: #4 AND prevention and control[sh]</td>
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<td>14:34:32</td>
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((("rhinitis, allergic, seasonal"[MeSH Terms] OR ("rhinitis"[All Fields] AND "allergic"[All Fields]) AND "seasonal"[All Fields])) OR ("seasonal allergic rhinitis"[All Fields]) OR ("pollen"[All Fields] AND "allergies"[All Fields]) OR "pollen allergies"[All Fields]) OR ((("rhinitis, allergic, seasonal"[MeSH Terms] OR ("rhinitis"[All Fields] AND "allergic"[All Fields]) AND "seasonal"[All Fields])) OR ("seasonal allergic rhinitis"[All Fields]) OR "pollinosis"[All Fields]) OR ((("rhinitis, allergic, seasonal"[MeSH Terms] OR ("rhinitis"[All Fields] AND "allergic"[All Fields]) AND "seasonal"[All Fields])) OR "seasonal allergic rhinitis"[All Fields]) OR ("hay"[All Fields] AND "fever"[All Fields]) OR "hay fever"[All Fields]) AND "prevention and control"[MeSH Subheading]
New retrieval features

• Improved sensors
• Enhanced synonymy, including plural forms
• Enhanced British/American mapping
• Unlimited truncation
New Retrieval Features: Enhanced Synonymy

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<td>&quot;lunching&quot;[All Fields]</td>
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New Retrieval Features: Better British/American Mapping

Search: anesthesia

"anaesthesia"[All Fields] OR
"anesthesia"[MeSH Terms] OR
"anesthesia"[All Fields] OR
"anaesthesias"[All Fields] OR
"anesthetics"[All Fields]
New Retrieval Features: Unlimited Truncation

History

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History and Search Details

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</table>
It’s all on mobile now, too

- Log in to My NCBI
- Advanced search
- Filters
- Timeline
- Sort order
- Cite
- Share
- Publisher and PMC icons
- Outside Tool icons
Where to Find Updates

- PubMed Labs in the NLM Technical Bulletin
- PubMed Labs in the NCBI Insights Blog
- New PubMed Home Page
- NLM and NCBI Social Media
- Training from the National Network of Libraries of Medicine
Questions?