

# Поиск информации в базе данных доказательной медицины

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# Цели презентации

- Научится постановке исследовательского вопроса
- Научиться определять стратегию поиска
- Научиться уточнять элементы поиска

# Полнота поиска

- Нужно стать детективом-новатором
- Определить каждый элемент вопроса (представьте себе пациента или группу пациентов при определении вопроса)
- Думайте, где может быть опубликована нужная информация (журналы, страны, авторы, годы)
- Будьте готовы к изменениям в поиске

# Методы нахождения данных (в публикациях)

Литературный поиск

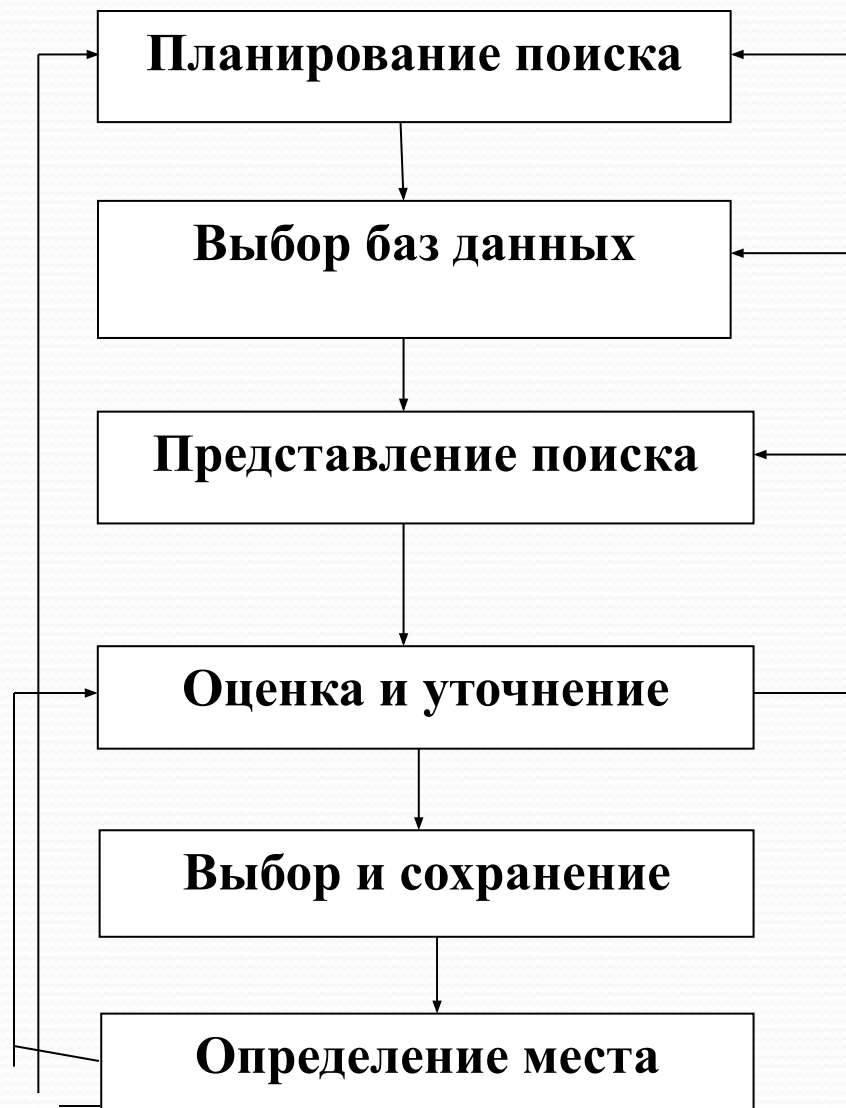
- Ключевые слова
- Базы данных
- Реферативные списки
- Ограничители:
  - ✓ Построение исследования
  - ✓ Период публикации
  - ✓ Язык

# Стратегия поиска

- Конструирования плана поиска
- Выбора и доступа к базам данных
- Исполнением запроса
- Оценки и уточнение запроса
- Оценки и сохранения результатов запроса
- Нахождением ссылок

# Шаги при поиске информации

Схема показывает, как  
можно сузить и  
уточнить поиск



# Анализ темы

- Первый вопрос – где?
- Второй вопрос – что? (первичные, вторичные или третичные источники)

# Шаги

- Определение темы и идентификация понятий
- ✓ Ключевые слова (стресс, исследование)
- Список ключевых слов для каждого понятия (стресс - беспокойство; исследование - изучение)
- Комбинирование слов (OR, AND, NOT) с использованием коннекторов или логических операторов или boolean



# Комбинирование слов с использованием OR



# Комбинирование слов с использованием AND



# Комбинирование слов с использованием NOT





# The Cochrane Library

Evidence for healthcare decision-making

**BROWSE**Cochrane Reviews: [By Topic](#) | [New Reviews](#) | [Updated Reviews](#) | [A-Z](#) | [By Review Group](#)Other Resources: [Other Reviews](#) | [Clinical Trials](#) | [Methods Studies](#) | [Technology Assessments](#) | [Economic Evaluations](#)**SEARCH**Enter search term  Title, Abstract or Keywords [More Info](#)[Advanced Search](#) | [MeSH Search](#) | [Search History](#) | [Saved Searches](#)[Advanced Search](#) | [MeSH Search](#) | [Search History](#) | [Saved Searches](#)

Enter a term below and click Search to continue.

**Search For:**To search using field labels (e.g. heart:ti) use the [Search History](#) page.AND AND AND AND  Go directly to Search History**In:**Search All Text 

Search All Text

Record Title

Author

Abstract

Keywords

Title, Abstract or Keywords

Tables

Publication Type

Source

DOI

**Restrict Search by Product** All of The Cochrane Library Cochrane Database of Systematic Reviews (Cochrane Reviews) Database of Abstracts of Reviews of Effects (Other Reviews) Cochrane Central Register of Controlled Trials (Clinical Trials) Cochrane Methodology Register (Methods Studies) Health Technology Assessment Database (Technology Assessments) NHS Economic Evaluation Database (Economic Evaluations) About The Cochrane Collaboration (Cochrane Groups)**Restrict Search by Record Status** All New Conclusions Changed Commented New Search Major Change Withdrawn**SEARCH TIPS****Tip No. 1:**

Boolean operators AND, OR, and NOT can be selected from the pulldown selection boxes or entered directly within the search text boxes. Use parentheses to separate components when entering complex search directly in text box with mixed Boolean operators.

Example: *(colchicine AND liver) AND (fibrosis OR cirrhosis)*

**Tip No. 2:**

The AND operator is used by default between search terms. The string *brain stem* will match records where both words are included in any order or proximity. Search for exact phrases by enclosing a string in quotation marks.

Example: *"clodronate therapy"* matches that exact term

**Tip No. 3:**

Search for accented characters (within all fields except Author) by using both the accented and unaccented versions of a term or by using wildcard (multiple: \*) or (single: ?) characters.

Example: *meniere\* or mēnière\**

Example: *m?ni?re\**

Both examples match Meniere's or Ménière's

**Tip No. 4:**

Within the Author field, both the accented forms of a name (such as Müller and Miller) are matched

# Пример поиска в базе данных *Cochrane* с использованием принципа *PICO*

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Поиск темы

<b>Search for:</b>		<b>In:</b>	
To search using field labels (e.g. heart:) use the <a href="#">Search History</a> page.			
<input type="text" value="heart and drugs"/>	<input type="text" value="Search All Text"/>		
AND <input type="text" value="Enter search term 2"/>	<input type="text" value="Record Title"/>		
AND <input type="text" value="Enter search term 3"/>	<input type="text" value="Author"/>		
AND <input type="text" value="Enter search term 4"/>	<input type="text" value="Abstract"/>		
AND <input type="text" value="Enter search term 5"/>	<input type="text" value="Keywords"/>		
<input type="button" value="Search"/>		<input type="checkbox"/> Go directly to Search History	

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### Restrict Search by Record Status

- All
- New
- Conclusions Changed
- Commented
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- Major Change
- Withdrawn
- Commented

(Choose one or more specific statuses above and use this option to limit these selections to updated studies.)

### SEARCH TIPS

#### Tip No. 1:

Boolean operators AND, OR, and NOT can be selected from the pulldown selection boxes or entered directly within the search text boxes. Use parentheses to separate components when entering complex search directly in text box with mixed Boolean operators.

Example: *(calcicine AND liver) AND (fibrosis OR cirrhosis)*

#### Tip No. 2:

The AND operator is used by default between search terms. The string *brain stem* will match records where both words are included in any order or proximity. Search for exact phrases by enclosing a string in quotation marks.

Example: *"clodronate therapy"* matches that exact term

#### Tip No. 3:

Search for accented characters (within all fields except Author) by using both the accented and unaccented versions of a term or by using wildcard (multiple: \*) or (single: ?) characters.

Example: *meniere\* or mēnière\**

Example: *m?n?re\**

Both examples match **Meniere's** or **mēnière's**

#### Tip No. 4:

Within the Author field, both the accented forms of a name (such as Muller and Müller) are matched

# Пример поиска в базе данных *Cochrane* с использованием принципа *PICO*

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There are **1750** results out of **7027** records for: "heart and drugs in Cochrane Database of Systematic Reviews"

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<input type="checkbox"/>	<a href="#">Effect of early treatment with anti-hypertensive drugs on short and long-term mortality in patients with an acute cardiovascular event</a> Marco I Perez, Vijaya M Musini, James M Wright June 2010 <a href="#">Review</a>			Результаты поиска
<input type="checkbox"/>	<a href="#">Multiple risk factor interventions for primary prevention of coronary heart disease</a> Shah Ebrahim, Fiona Taylor, Kirsten Ward, Andrew Beswick, Margaret Burke, George Davey Smith January 2011 <a href="#">Review</a>			
<input type="checkbox"/>	<a href="#">Medical interventions for treating anthracycline-induced symptomatic and asymptomatic cardiotoxicity during and after treatment for childhood cancer</a> Elske Sieswerda, Elvira C van Dalen, Aleida Postma, Daniel KL Cheuk, Huib N Caron, Leontien CM Kremer September 2011 <a href="#">Review</a>			
<input type="checkbox"/>	<a href="#">Pharmacotherapy for hypertension in the elderly</a> Vijaya M Musini, Aaron M Tejani, Ken Bassett, James M Wright December 2010 <a href="#">Review</a>			
<input type="checkbox"/>	<a href="#">Glucocorticoids for acute viral bronchiolitis in infants and young children</a> Ricardo M Fernandes, Liza M Bialy, Ben Vandermeer, Lisa Tjosvold, Amy C Plint, Hema Patel, David W Johnson, Terry P Klassen, Lisa Hartling November 2010 <a href="#">Review</a>			
<input type="checkbox"/>	<a href="#">Dietary treatment for familial hypercholesterolaemia</a> Nusrat Shafiq, Meenu Singh, Sharonjeet Kaur, Pratibha Khosla, Samir Malhotra November 2010 <a href="#">Review</a>			
<input type="checkbox"/>	<a href="#">Interventions for enhancing medication adherence</a> R. Brian Haynes, Elizabeth Ackloo, Navdeep Sahota, Heather Pauline McDonald, Xiaomei Yao October 2008 <a href="#">Review</a>			



# Оценка и уточнение критериев поиска

После использования формулировки поиска в базе данных необходимо:

- Показать результаты на экране
- Оценить результаты поиска с точки зрения точного соответствия

Если Вы нашли подходящие и необходимые статьи,  
поздравляем!

# Оценка результата

- Соответствие результатов критериям, например:
- Новизна информации
- Соответствие типа информации желанным результатам, напр. исследованиям
- Информация из первичных, вторичных или третичных источников
- Выражает ли нужную точку зрения?



# Уточнение результата

- Какие ключевые слова нашли лучшие ссылки
- Какие ключевые слова м.б. неподходящими
- Альтернативные ключевые слова
- Правильны ли ввод формулы поиска с правильными командами?
- Поиск проводился в самой подходящей базе данных?

# Резюме

- Необходимо закончить уточнение и оценку результатов поиска. Цель – получить большинство уместных публикаций.

# Средства поиска

- Универсальные поисковые машины (Google, Yandex, Yahoo)
- Медицинские поисковые машины (Medical Word Search, MedHunt, Medlinks и др.)
- Библиотеки Cochrane, Pubmed, Medline
- Тематические каталоги (Yahoo Health, Martindale Health Science)
- Специализированные сайты (UniSA, National Guidelines Clearinghouse, New Zealand Guidelines Group)
- Электронные версии журналов (BMJ, Lancet)



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**New/Updated Guideline Summaries**

- AAFP, ASA, EAU, ESC, IDSA, Univ of TX at Austin

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**Announcements**

- U.S. Food and Drug Administration (FDA) Advisories**
- January 20, 2012: Tysabri (natalizumab)
  - January 13, 2012: Adcetris (brentuximab vedotin)
  - January 9, 2012: Endo Pharmaceuticals Opiate Products by Novartis Consumer Health
  - January 9, 2012: Novartis Consumer Health Over-The-Counter Products

**Conference News**

The **Guidelines International Network (G-I-N) Conference 2012**, will be held **August 22-25, 2012** in Berlin, Germany. Submit abstracts until **February 10, 2012**.

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- Depression
- Diabetes
- GERD
- High Blood Pressure
- Menopause
- Migraine
- Multiple Myeloma
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- Prostate Cancer

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Margaret Furtado, M.S., R.D.

[The Immunity Diet](#)



**LIVING WITH DIABETES**  
Christine McKinney, M.S., R.D., L.D.N., C.D.E.

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# Результаты стандартного поиска

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Filter your results:

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Review (64692)

Manage Filters

Pulmonary function in individuals with cystic fibrosis from the U.S. cystic fibrosis foundation registry who had undergone liver transplant.

Miller MR, Sokol RJ, Narkewicz MR, Sontag MK. Liver Transpl. 2012 Jan 23. doi: 10.1002/lt.23389. [Epub ahead of print] PMID: 22271602 [PubMed - as supplied by publisher] [Related citations](#)

Fungal colonization within a tissue expander: a case report.

Motamedoshariati M. Ann Plast Surg. 2012 Feb;68(2):150-2. PMID: 22270568 [PubMed - in process] [Related citations](#)

Rates of Positive Blood, Urine, and Cerebrospinal Fluid Cultures in Children Younger Than 60 Days During the Vaccination Era.

Morley EJ, Lapoint JM, Roy LW, Cantor R, Grant WD, Paolo WF, Wojcik S. Pediatr Emerg Care. 2012 Jan 20. [Epub ahead of print] PMID: 22270498 [PubMed - as supplied by publisher] [Related citations](#)

Vaccination against infection in patients with multiple sclerosis.

Loebermann M, Winkelmann A, Hartung HP, Hengel H, Reisinger EC, Zettl UK. Nat Rev Neurol. 2012 Jan 24. doi: 10.1038/nrneurol.2012.8. [Epub ahead of print] PMID: 22270022 [PubMed - as supplied by publisher] [Related citations](#)

Systematic screening for novel, serologically reactive Hepatitis E Virus epitopes.

Osterman A, Vizoso Pinto MG, Haase R, Nitschko H, Jaeger S, Sander M, Motz M, Mohn U, Baiker A. Virol J. 2012 Jan 23;9(1):28. [Epub ahead of print] PMID: 22269698 [PubMed - as supplied by publisher] [Related citations](#)

Combined Molecular Gram Typing and High-Resolution Melting Analysis for Rapid Identification of a Syndromic Panel of Bacteria

### Related searches

pyogenic bacterial infections in humans with myd88 deficiency

### Titles with your search terms

Chronic bacterial and parasitic infections and cancer: a review. [J Infect Dev Ctries. 2010]

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Potential Infectious Etiology of Behçet's Disease. [Patholog Res Int. 2012]

Use of probiotics as prophylaxis for postoperative infections. [Nutrients. 2011]

Targeting RNA Polymerase Primary  $\sigma$  as a Therapeutic Strategy against *M* [PLoS One. 2012]

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- All Adult: 19+ years
- Newborn: birth-1 month
- Infant: 1-23 months

Clear All Search

Index of Fields and Field Values

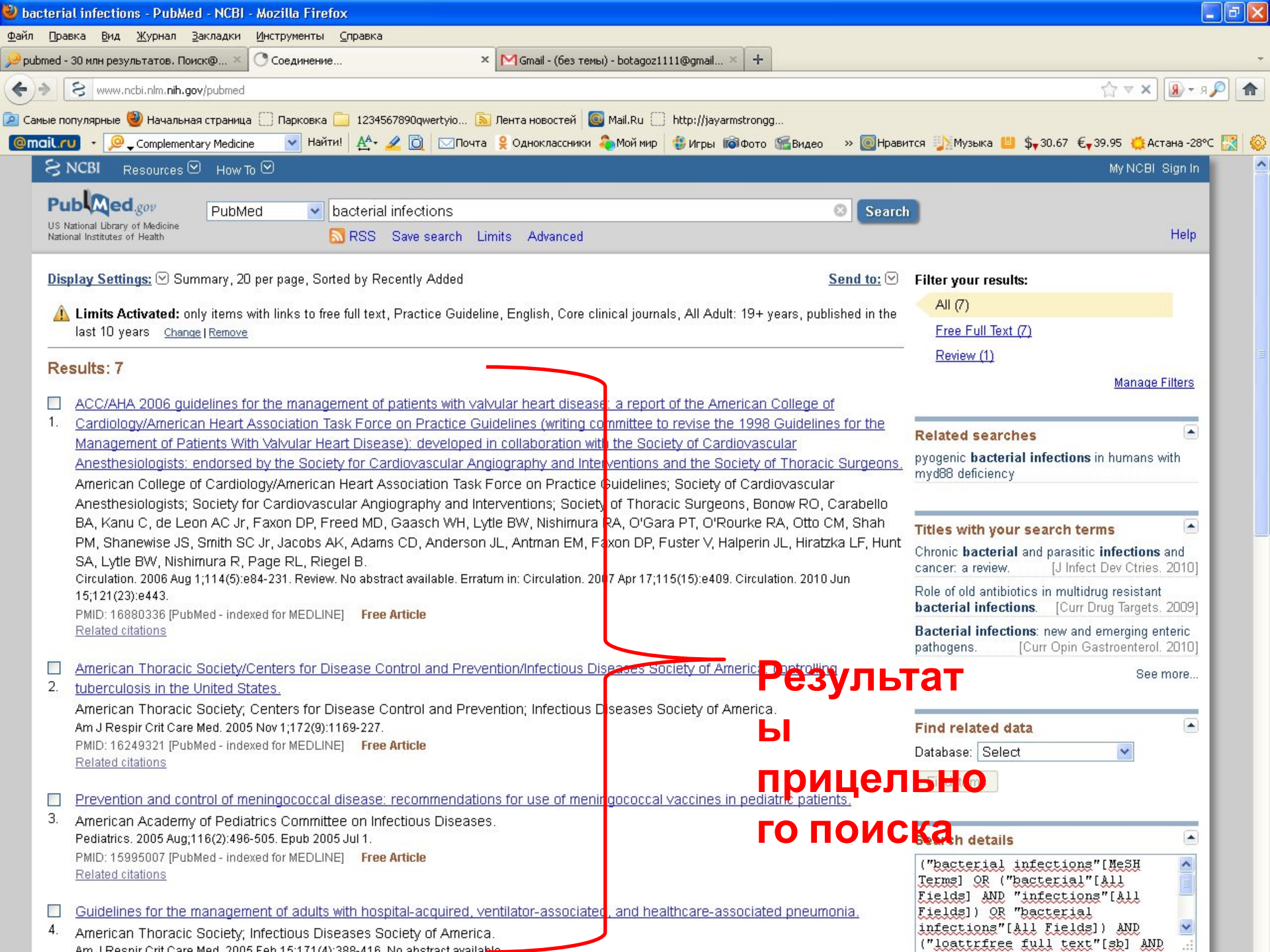
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- American Thoracic Society/Centers for Disease Control and Prevention/Infectious Diseases Society of America. Controlling tuberculosis in the United States. American Thoracic Society, Centers for Disease Control and Prevention; Infectious Diseases Society of America. Am J Respir Crit Care Med. 2005 Nov 1;172(9):1169-227. PMID: 16249321 [PubMed - indexed for MEDLINE] Free Article Related citations
- Prevention and control of meningococcal disease: recommendations for use of meningococcal vaccines in pediatric patients. American Academy of Pediatrics Committee on Infectious Diseases. Pediatrics. 2005 Aug;116(2):496-505. Epub 2005 Jul 1. PMID: 15995007 [PubMed - indexed for MEDLINE] Free Article Related citations
- Guidelines for the management of adults with hospital-acquired, ventilator-associated, and healthcare-associated pneumonia. American Thoracic Society, Infectious Diseases Society of America. Am J Respir Crit Care Med. 2005 Feb 15;171(4):388-416. No abstract available.

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("bacterial infections"[MeSH Term] OR ("bacterial"[All Fields] AND "infections"[All Fields]) OR "bacterial infections"[All Fields]) AND ("!oatrrfree full text"[sb] AND

Результаты прицельного поиска

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Circulation. 2006 Aug 1;114(5):e84-231.

# ACC/AHA 2006 guidelines for the management of patients with valvular heart disease: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (writing committee to revise the 1998 Guidelines for the Management of Patients With Valvular Heart Disease): developed in collaboration with the Society of Cardiovascular Anesthesiologists: endorsed by the Society for Cardiovascular Angiography and Interventions and the Society of Thoracic Surgeons.

American College of Cardiology/American Heart Association Task Force on Practice Guidelines; Society of Cardiovascular Anesthesiologists; Society for Cardiovascular Angiography and Interventions; Society of Thoracic Surgeons, Bonow RO, Carabello BA, Kanu C, de Leon AC Jr, Faxon DP, Freed MD, Gaasch WH, Lytle BW, Nishimura RA, O'Gara PT, O'Rourke RA, Otto CM, Shah PM, Shanewise JS, Smith SC Jr, Jacobs AK, Adams CD, Anderson JL, Antman EM, Faxon DP, Fuster V, Halperin JL, Hiratzka LF, Hunt SA, Lytle BW, Nishimura R, Page RL, Riegel B.

### Erratum in

Circulation. 2007 Apr 17;115(15):e409.  
Circulation. 2010 Jun 15;121(23):e443.

PMD: 16880336 [PubMed - indexed for MEDLINE] Free full text

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### Related citations

- 2008 focused update incorporated into the ACC/AHA 2006 guidelin [J Am Coll Cardiol. 2008]
- 2008 Focused update incorporated into the ACC/AHA 2006 guidelines for t [Circulation. 2008]
- ACC/AHA Guidelines for the Management of Patients With Valvular F [J Heart Valve Dis. 1998]
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