



4th International Conference of Evidence-Based Health Care Teachers & Developers

Better Evidence for Better Health Care

Taormina (Italy), 31st October - 4th November, 2007

EBHC International Library The Project

Nino Cartabellotta

We hope that your help will solve our...



Hamletic dilemmas...



- Are we dreamers?
- Is it only a good idea?
- Or...we might be able to offer the Library to the “EBHC Developers & Teachers”, all over the world?



5th International Conference of Evidence-Based Health Care Teachers & Developers

Models of Practice in Hospital and Primary Care

Taormina (Italy), 28th October - 1st November, 2009

EBHC International Library

powered by GIMBE®

Nino Cartabellotta

Marco Mosti

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Outline

1. Background

2. From idea to facts

3. Looking into EBHC Library

4. EBHC Library Manager

5. Website

6. Limits

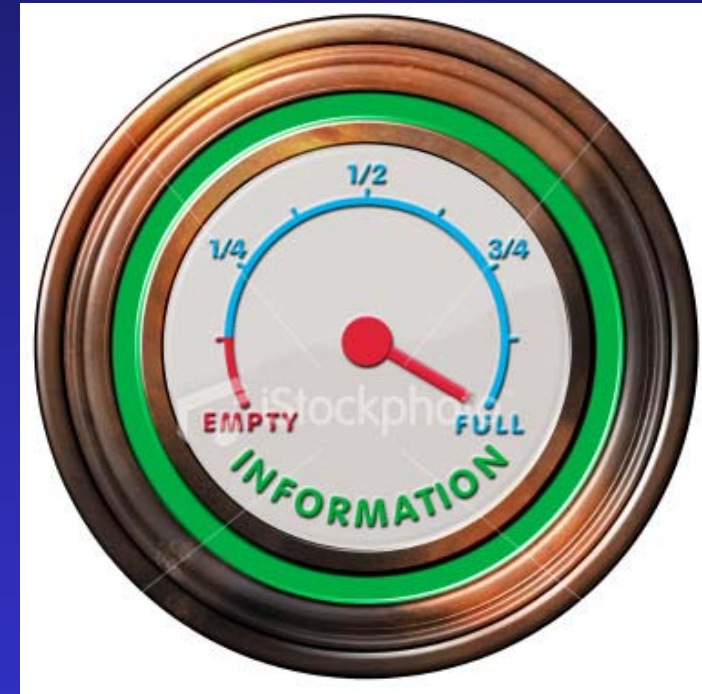
7. Next steps

1. Background

- There is an impressive number of web sites and search engines about EBP, EBHC, Clinical Governance, but most of them:
 - collect links to other resources *and/or*
 - did not provide systematically reviews on published literature
 - have variable quality
 - does not describe the methods for searching, appraising and selecting resources

1. Background

- The methodological literature about “Evidence-based Knowledge” is growing.
- The MeSH thesaurus is unsatisfactory to index this literature: both sensitivity and specificity are low
- A dedicated database is lacking and we would like...



Chaos

Chaos

Order

Order

Outline

1. Background
- 2. From idea to facts**
3. Looking into EBHC Library
4. EBHC Library Manager
5. Website
6. Limits
7. Next steps

2. From idea to facts

2005 - 2007

- Idea, project, development

November 2007

- 4th EBHC Conference: project presentation, survey of attendees

November 2007 – October 2009

- Developing and debugging of EBHC Library Manager
- Developing of EBHC Thesaurus
- Importing and indexing resources

September – October 2009

- Website developing and testing

Today...

- Launch of EBHC Library

From chaos to order and back



search

[Browse Thesaurus](#) | [Feedback](#) | [About](#) | [Login](#)



Outline

1. Background
2. From idea to facts
- 3. Looking into EBHC Library**
4. EBHC Library Manager
5. Website
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7. Next steps

3. Looking into EBHC Library

WHAT IS IT?

- A repository of methodological articles and other resources EBHC-related, indexed with EBHC Thesaurus
- **GIMBE**[®] developed the EBHC Library without external funding

3. Looking into EBHC Library

WHICH AREAS ARE COVERED?

1. Basic Sciences
2. Evidence-Based Practice
3. EBHC and Clinical Governance
4. Research Methodology
5. Health Professional Education

3. Looking into EBHC Library

WHICH KIND OF RECORDS?

1. ARTICLES (> 5.000)

- Primary research
- Systematic reviews
- Narrative*

*reviews, editorials, comments, viewpoints, essays

3. Looking into EBHC Library

WHICH KIND OF RECORDS?

2. OTHER RESOURCES (> 1,000)

- Bibliographic, other
 - Books
 - Monographs
 - Journals
 - Report
- Databases
- Organizations
- Tools
- Others

3. Looking into EBHC Library

WHAT JOURNALS COVERAGE?

Next step
→

Categories	N°
Core Medical Journals	12
Core Methodological Journals	42
Secondary Publications	4
<i>Specialty Journals</i>	<i>To be defined</i>
<i>General Practice Journals</i>	15
<i>Other Medical Journals</i>	12
<i>Other Journals</i>	???

CORE MEDICAL JOURNALS

- N Engl J Med
- Lancet
- JAMA
- Ann Intern Med
- BMJ
- Arch Intern Med
- CMAJ
- Am J Med
- Med J Aust
- J Gen Intern Med
- PLoS Med
- BMC Med

SECONDARY PUBLICATIONS

- ACP J Club
- Evid Based Med
- Evid Based Nurs
- Evid Based Mental Health

Core Methodological Journals

10 CATEGORIES, 42 JOURNALS

- Basic Science
- Bioethics
- Decision Making
- Epidemiology, Public Health
- Health Service Research
- Medical Education
- Medical Informatics, Information Science
- Clinical Epidemiology, Research Methodology
- Quality of Health Care
- Health Technology Assessment

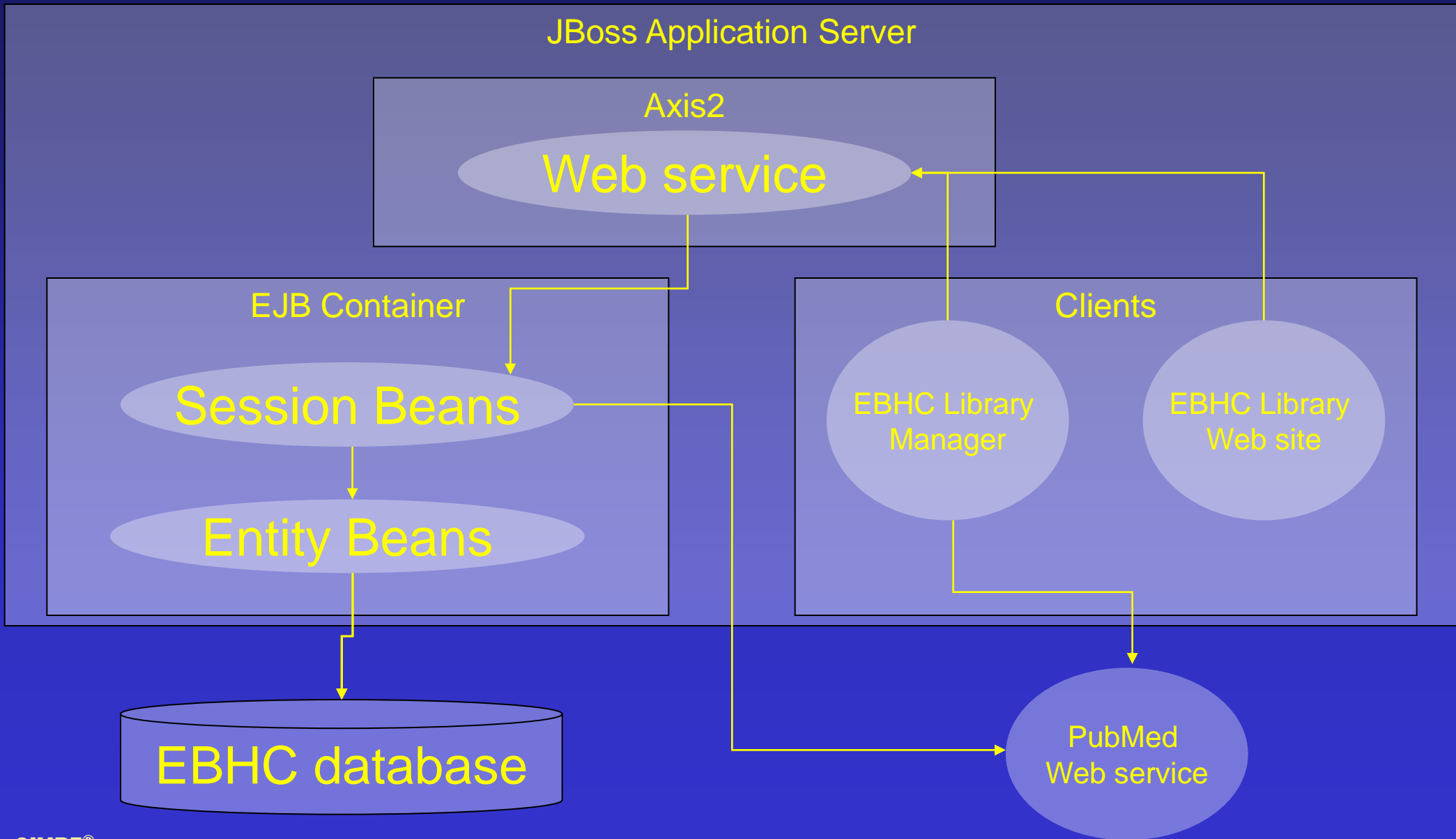
Outline

1. Background
2. From idea to facts
3. Looking into EBHC Library
- 4. EBHC Library Manager**
5. Website
6. Limits
7. The next steps

4. EBHC Library Manager

- Stand-alone application developed in Java
- It is part of a multi-tier environment
- Communication through web service with:
 - **GIMBE's** servers
 - PubMed database
 - Other (potential) databases
- EJB 3.0 for management of persistence and sessions
- EBHC Library Manager allows to search, index, review and publish all records included in the EBHC Library
- More than 300.000 code-lines

Software Architecture



4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

4.4. Search Form

4.5. Pre-Library

4.6. Administrator

Articles pathway

MEDLINE



EBHC Prelibrary



EBHC Database



EBHC Library

Staff: (semi) automatized import of references

Staff: evaluate pertinence, assign KW

Administrator: confirm, verify KW, publish

Users: browse, search, feedback

Other resources pathway

Web



EBHC Prelibrary



EBHC Database



EBHC Library

Staff: manual input of records

Staff: assign category and keywords

Administrator: confirm, check keywords and category, publish

Users: browse, search, feedback

MEDLINE

Web

Articles

Other resources

EBHC Prelibrary

EBHC Database

EBHC Library

4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

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4.6. Administrator

4.2. Thesaurus Manager

- We are developing EBHC Thesaurus to index all records included in the Library
- The number of tree branches and keywords are unlimited
- Keyword of EBHC Thesaurus referring to:
 - MeSH Terms
 - Cochrane Glossary
 - Other EBHC glossaries



All areas Area 0 Area 1 Area 2 Area 3 Area 4 Area 5 Tags Keyword Search

- 1. BASIC SCIENCES
 - + 1.1. Clinical competence
 - 1.2. Clinical epidemiology
 - 1.2.0. Research designs
 - 1.2.0.1. Quantitative research
 - + 1.2.0.1.1. Observational studies
 - 1.2.0.1.2. Clinical trials ?
 - 1.2.0.1.2.1. Uncontrolled clinical trials
 - 1.2.0.1.2.2. Controlled clinical trials
 - 1.2.0.1.2.2.1. Randomized controlled trial
 - + 1.2.0.1.2.3. Types of clinical trials
 - 1.2.0.2. Qualitative research
 - + 1.2.0.3. Secondary research ?
 - 1.2.0.4. Primary research
 - + 1.2.1. Methodology
 - + 1.2.2. Bias
 - + 1.3. Statistics
 - 1.4. Medical informatics
 - 1.5. Bioethics
 - 1.6. Health policy
 - + 1.7. Information science
 - + 1.8. Health economics
 - 1.9. Jurisprudence
 - + 2. EVIDENCE-BASED PRACTICE
 - + 3. EBHC AND CLINICAL GOVERNANCE
 - + 4. RESEARCH METHODOLOGY
 - + 5. HEALTH PROFESSIONAL EDUCATION
 - + 9. TAGS

Close



All areas Area 0 Area 1 Area 2 Area 3 Area 4 Area 5 Tags Keyword Search

- 1. BASIC SCIENCES
- 2. EVIDENCE-BASED PRACTICE
- 3. EBHC AND CLINICAL GOVERNANCE
- 4. RESEARCH METHODOLOGY
 - 4.1. Clinical Research
 - 4.1.1. General Issues
 - 4.1.2. Problems
 - 4.1.2.1. Poor research
 - 4.1.2.1.1. Gray zones
 - 4.1.2.1.2. Redundance
 - 4.1.2.2. Commissioning bias
 - 4.1.2.2.1. Neglected diseases
 - 4.1.2.3. Publication bias
 - 4.1.2.3.1. Language bias
 - 4.1.2.3.2. Outcome reporting bias
 - 4.1.2.4. Conflicts of interests
 - 4.1.2.4.1. Financial
 - 4.1.2.4.2. Not-financial
 - 4.1.2.5. Diseases mongering
 - 4.1.2.6. Misconduct and fraud
 - 4.1.2.6.1. Fabrication
 - 4.1.2.6.2. Falsification
 - 4.1.2.6.3. Ghost writing
 - 4.1.2.6.4. Plagiarism
 - 4.1.2.6.5. Duplicate publication
 - 4.1.2.6.6. Publication bias
 - 4.1.3. Ethical Issues
 - 4.1.4. Rules and tools

Close

4.2. Thesaurus Manager

- EBHC Thesaurus Manager, for every keyword allows to:
 - Drag and drop*
 - Rename*
 - Store a PubMed search query
 - Add synonyms
 - Add notes

*carrying out the associated resources

Modify ✖

Keyword

Query ↑
↓


Hierarchy

Synonyms



- Metaanalysis
- Metanalysis

Add a synonym

Notes ↑
↓

Modify 



Keyword

Query  

Hierarchy

Synonyms

[Add a synonym](#)

Notes  

4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

4.4. Search Form

4.5. Pre-Library

4.6. Administrator

4.2. Categories Manager

- It is the tool for classifying the “Other resources”
- Categories Manager, for every category/subcategory allow to:
 - Add new
 - Rename*
 - Move*
 - Add notes

*carrying out the associated resources



Browse Search

- [-] Categories
 - [-] Bibliographic, other
 - Books
 - Books, Chapters
 - Books, Evidence-Based Textbooks**
 - Journals
 - Journals, Drug Bulletins, ISDB
 - Journals, Drug Bulletins, others
 - Journals, Secondary Publications
 - Monographs
 - Newsletters
 - Others
 - Reports
 - Reports, governative
 - Reports, HTA
 - Theme Issues
 - [+] Databases
 - [+] Organizations
 - [+] Other
 - [+] Tools
 - [-] Working
 - Articles
 - Lists of publications
 - Not available
 - To trash

Modify category

Description

OK

Cancel

Exit

4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

4.4. Search Form

4.5. Pre-Library


4.6. Administrator

4. Search Form



- Search through
 - EBHC Thesaurus
 - Free text, using MEDLINE language
- Limits
 - **GIMBE**[®] Journals Lists
 - MEDLINE filters

4. Search Form

- Every article may be sent to:
 - Pre-Library → for adding the keywords
 - Blacklist → never shown again
- In addition, we may:
 - View MEDLINE record
 - Get full text
 - Add notes

Modify 



Keyword

Query  

Hierarchy

Synonyms

[Add a synonym](#)

Notes  

S...	PMID	YEAR	TITLE	JOURNAL	PUBLICATION TYPE	AUTHORS
•	19839216		[GRADE: from grading the evidence to develo...	Z Evid Fortbild Qual Gesundh...	English Abstract, Journal Article	Schüemann HJ,
•	19753107		The GRADE system for rating clinical guidelines.	PLoS Med	Journal Article	Kavanagh BP,
•	19727994		Surgical Treatment of Grade I Central Chondro...	Clin Orthop Relat Res	JOURNAL ARTICLE	Donati D, Colangeli S, Colangeli M, Di Bella C, ...
•	19645339		[Integrative assessment of evidence in health...	Z Evid Fortbild Qual Gesundh...	English Abstract, Journal Article	Schünemann H,
•	19562258		WHO grade II and III meningiomas: a study of ...	J Neurooncol	JOURNAL ARTICLE	Durand A, Labrousse F, Jouvet A, Bauchet L, ...
•	19489757	2009	Grading quality of evidence and strength of re...	Allergy	Journal Article, Review	Brozek JL, Akl EA, Jaeschke R, Lang DM, Boss...
•	19389215	2009	Clinical-grade purification of natural killer cell...	Transfusion	Journal Article, Research Support, Non-U.S. G...	Meyer-Monard S, Passweg J, Siegler U, Kalber...
•	19210357	2009	Grading quality of evidence and strength of re...	Allergy	Journal Article, Review	Brozek JL, Akl EA, Alonso-Coello P, Lang D, Ja...
•	19102777		(S)Partners for Heart Health: a school-based p...	BMC Public Health	Journal Article, Research Support, Non-U.S. G...	Carlson JJ, Eisenmann JC, Pfeiffer KA, Jager ...
•	19055227		Product-wet integrity testing of sterilizing gra...	PDA J Pharm Sci Technol	Journal Article	Jornitz MW, Meltzer TH, Chiruvolu V, Chen A, ...
•	18987923	2009	Conservative treatment of Campanacci grade ...	Clin Orthop Relat Res	Journal Article	Lackman RD, Crawford EA, King JJ, Ogilvie CM,
•	18829903	2008	The reproducibility and repeatability of varus ...	J Bone Joint Surg Am	Journal Article	LaPrade RF, Heikes C, Bakker AJ, Jakobsen RB,
•	18823400		PRO-GRADE: GIS toolkits for ground water rec...	Ground Water	Journal Article, Research Support, U.S. Gov't, ...	Lin YF, Wang J, Valocchi AJ,
•	18778804	2009	Life-threatening postoperative pancreatic fist...	Am J Surg	Journal Article, Multicenter Study	Fuks D, Piessen G, Huet E, Tavernier M, Zerbi...
•	18776930		Clinical grade Treg: GMP isolation, improvem...	PLoS One	Journal Article, Research Support, Non-U.S. G...	Peters JH, Preijers FW, Woestenenk R, Hilbra...
•	18669566		Use of GRADE grid to reach decisions on clinic...	BMJ	Journal Article	Jaeschke R, Guyatt GH, Dellinger P, Schünem...
•	18663692		[Evidence-based guidelines and nephrological ...	G Ital Nefrol	Case Reports, English Abstract, Journal Article...	Bonifati C, Strippoli GF, Manno C, Schena FP,
•	18588547	2008	Evidence-based recommendations regarding t...	Allergy	Journal Article, Review	van Spronsen E, Ingels KJ, Jansen AH, Graam...
•	18558185	2008	Throwing out the "grade" book: management ...	J Pediatr Surg	Journal Article, Research Support, Non-U.S. G...	McVay MR, Kokoska ER, Jackson RJ, Smith SD,
•	18497416	2008	Incorporating considerations of resources use ...	BMJ	Journal Article, Research Support, Non-U.S. G...	Guyatt GH, Oxman AD, Kunz R, Jaeschke R, H...
•	18483053	2008	Grading quality of evidence and strength of re...	BMJ	Journal Article, Research Support, Non-U.S. G...	Schünemann HJ, Schünemann AH, Oxman AD,...

Search parameters

Select your search query

Areas Limit to

All Areas Area 0 Area 1 Area 2 Area 3 Area 4 Area 5 Tags Keyword Search

- 3.2. Tools
 - 3.2.1. Clinical practice guidelines
 - 3.2.1.1. Developing CPG
 - 3.2.1.1.1. Multiprofessional groups
 - 3.2.1.1.2. Grading systems
 - 3.2.1.1.3. Levels of evidence and strenght of recommendations
 - 3.2.1.1.3.1. GRADE
 - 3.2.1.1.4. External review
 - 3.2.1.1.5. Updating CPG
 - 3.2.1.2. Appraising of CPG
 - 3.2.1.3. Adapting CPG

Refine your search

Search Clear

Items 1 - 9 of 9

<< Page 0 of 1 >>

S...	PMID	YEAR	TITLE	JOURNAL	PUBLICATION TYPE	AUTHORS
	19753107		The GRADE system for rating clinical guidelines.	PLoS Med	Journal Article	Kavanagh BP,
	18669566		Use of GRADE grid to reach decisions on clinical practice guidelines when consensus is elusive.	BMJ	Journal Article	Jaeschke R, Guyatt GH, Dellinger P, Schünem...
	18497416	2008	Incorporating considerations of resources use into grading recommendations.	BMJ	Journal Article, Research Support, Non-U.S. G...	Guyatt GH, Oxman AD, Kunz R, Jaeschke R, H...
	18483053	2008	Grading quality of evidence and strength of recommendations for diagnostic tests and strategies.	BMJ	Journal Article, Research Support, Non-U.S. G...	Schünemann HJ, Schünemann AH, Oxman AD, ...
	18467413	2008	Going from evidence to recommendations.	BMJ	Journal Article	Guyatt GH, Oxman AD, Kunz R, Falck-Ytter Y, ...
	18456631	2008	What is "quality of evidence" and why is it important to clinicians?	BMJ	Journal Article, Review	Guyatt GH, Oxman AD, Kunz R, Vist GE, Falck...
	18436948	2008	GRADE: an emerging consensus on rating quality of evidence and strength of recommendations.	BMJ	Journal Article	Guyatt GH, Oxman AD, Vist GE, Kunz R, Falck...
	15205295	2004	Grading quality of evidence and strength of recommendations.	BMJ	Journal Article, Research Support, Non-U.S. G...	Atkins D, Best D, Briss PA, Eccles M, Falck-Ytt...
	10625023	1999	Physician education and report cards: do they make the grade? results from a randomized controlled trial.	Am J Med	Clinical Trial, Journal Article, Randomized Con...	Kim CS, Kristopaitis RJ, Stone E, Pelter M, Sa...

Search parameters

Select your search query

Areas

All Areas Area 0 Area 1 Area 2 Area 3 Area 4 Area 5 Tags Keyword Search

- 3.2. Tools
 - 3.2.1. Clinical practice guidelines
 - 3.2.1.1. Developing CPG
 - 3.2.1.1.1. Multiprofessional groups
 - 3.2.1.1.2. Grading systems
 - 3.2.1.1.3. Levels of evidence and strenght of recommendations
 - 3.2.1.1.3.1. GRADE
 - 3.2.1.1.4. External review
 - 3.2.1.1.5. Updating CPG
 - 3.2.1.2. Appraising of CPG
 - 3.2.1.3. Adapting CPG

Refine your search

4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

4.4. Search Form

4.5. Pre-Library

4.6. Administrator

S	PMID	TITLE	JOURNAL	USER	DATE	SERIES_OF_ARTICLE	QUERY	NOTE
•	10583776	Report and comment on 'Clinical governance: the educational A...	Med Educ	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	12435552	The clinical governance of the soul: 'deep management' and the...	Soc Sci Med	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	18366779	Beyond the limits of clinical governance? The case of mental he...	BMC Health ...	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	10205134	Will clinical governance make a difference?	BMJ	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	10092289	Clinical governance: making it happen	BMJ	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	10092256	Government sets out vision for clinical governance	BMJ	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	9677243	Clinical governance made simple	BMJ	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	8637348	The governance of clinical trials.	Lancet	Nino Cartab...	21-10-2009		clinical [ti] AND governance [...]	
•	18667660	Dare to be RISCY!	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19794009	Writing a research article that is "fit for purpose": EQUATOR N...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19794008	"Pragmatic" clinical trials: from whose perspective?	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19648419	Selecting "Aetiology" articles for the Evidence-Based Medicine j...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19648418	What kind of randomised trials do patients and clinicians need?	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19648417	The devil is in the details...or not? A primer on individual patie...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19648416	Students' PEARLS: successfully incorporating evidence-based m...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19483017	What does it take to put an ugly fact through the heart of a be...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19483016	EBM resources on the new CEBM website.	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19483015	Communicating diagnostic uncertainties to patients: the proble...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19332594	A spotter's guide to study designs.	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19181938	Evidence in context: one person's poison is another's acceptabl...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	
•	19181936	Delayed antibiotics for children with acute otitis media: is prac...	Evid Based ...	Nino Cartab...	17-10-2009		evid based med [jour] NOT ...	

Keywords

Record Actions

Publish
Send to Review
Delete
Confirm
Undo

Session Actions

Confirm All
Undo All

Search

4.5. Pre-Library

- It is an “intermediate” repository, where for every article we may:
 - Add one or more keywords from EBHC Thesaurus
 - Send the article to:
 - Blacklist → never shown again
 - Administrator → further review
 - EBHC Library → online publication
- In addition, we may:
 - View MEDLINE record
 - Get full text
 - Add notes

4. EBHC Library Manager

4.1. Two pathways

4.2. Thesaurus Manager

4.3. Categories Manager

4.4. Search Form

4.5. Pre-Library

4.6. Administrator

4.5. Administrator

- The “final repository”, where for every article or other resource, we may:
 - Change, add, delete keywords
 - Send to:
 - EBHC Library → online publication
 - Blacklist → never shown again
- In addition, we may:
 - View MEDLINE record
 - Get full text
 - Add notes

Articles Others Resources

To Review Library Trash

Items 1 - 50 of 2780 Page 1 of 56

S	PMID	YEAR	TITLE	JOURNAL	USER	DATE	SERIES OF ARTICLE	QUERY
	9676136	1998	[Evidence-based medicine. 2. Research of clinically relevant bi...	Recenti Pro...	Andrea Nuzz...	30-04-2009		cartabellotta
	8996435	1997	Evidence-based medicine: an incomplete method for informing ...	Lancet	Nino Cartab...	09-04-2009		An incomplete method for informing treatment choices. Lanc
	15082808	2004	Ethics of evidence based medicine in the primary care setting.	J Med Ethics	Andrea Nuzz...	06-04-2009		Ethics of evidence based medicine in the primary care settin
	15082807	2004	Ethical issues of cost effectiveness analysis and guideline setti...	J Med Ethics	Barbara Gab...	29-03-2009		Ethical issues of cost effectiveness analysis and guideline se
	15082806	2004	Evidence based medicine and justice: a framework for looking ...	J Med Ethics	Barbara Gab...	29-03-2009		Evidence based medicine and justice: a framework for lookir
	15082805	2004	Ethics, EBM, and hospital management.	J Med Ethics	Barbara Gab...	29-03-2009		Ethics, EBM, and hospital management
	15082804	2004	Current epistemological problems in evidence based medicine.	J Med Ethics	Barbara Gab...	29-03-2009		Current epistemological problems in evidence based medicin
	15082803	2004	Evidence-based medicine and ethics: a practical approach.	J Med Ethics	Barbara Gab...	29-03-2009		Evidence-based medicine and ethics: a practical approach
	15082802	2004	Research ethics and evidence based medicine.	J Med Ethics	Barbara Gab...	29-03-2009		Research ethics and evidence based medicine AND J Med Eth
	15082801	2004	Introduction to the symposium: what evidence based medicine ...	J Med Ethics	Barbara Gab...	29-03-2009		Introduction to the symposium: what evidence based medicin
	15082800	2004	Ethics, philosophy, and evidence based medicine.	J Med Ethics	Barbara Gab...	29-03-2009		Ethics, philosophy, and evidence based medicine AND J Med
	15012584	2004	Changing healthcare organisations to change clinical performan...	Med J Aust	Barbara Gab...	29-03-2009		Changing healthcare organisations to change clinical perform
	15012585	2004	Feedback of evidence into practice.	Med J Aust	Barbara Gab...	29-03-2009		Feedback of evidence into practice AND Med J Aust
	15012586	2004	Adoption of evidence into practice: can change be sustainable?	Med J Aust	Barbara Gab...	29-03-2009		Adoption of evidence into practice: can change be sustainabl
	15012587	2004	Solving the information overload problem: a letter from Canada.	Med J Aust	Barbara Gab...	29-03-2009		Solving the information overload problem: a letter from Cana
	15139840	2004	The clinical support systems program.	Med J Aust	Barbara Gab...	29-03-2009		The Clinical Support Systems Program AND Med J Aust
	15139842	2004	Austin Bowel Cancer Consortium: changing culture in bowel can...	Med J Aust	Barbara Gab...	29-03-2009		Austin Bowel Cancer Consortium: changing culture in bowel c
	15139843	2004	Achieving better in-hospital and after-hospital care of patients ...	Med J Aust	Barbara Gab...	29-03-2009		Achieving better in-hospital and after-hospital care of patier
	15139844	2004	The Monash University Consortium: factors involved in the loca...	Med J Aust	Barbara Gab...	29-03-2009		The Monash University Consortium: factors involved in the lc
	15139846	2004	Lessons from the Clinical Support Systems Program: facilitatin...	Med J Aust	Barbara Gab...	29-03-2009		Lessons from the Clinical Support Systems Program: facilitat
	15139847	2004	The Clinical Support Systems Program: supporting system-wide...	Med J Aust	Barbara Gab...	29-03-2009		The Clinical Support Systems Program: supporting system-wi
	15012578	2004	Development of strategies to encourage adoption of best evide...	Med J Aust	Barbara Gab...	29-03-2009		Development of strategies to encourage adoption of best ev
	15012579	2004	Gaps between best evidence and practice: causes for concern.	Med J Aust	Barbara Gab...	29-03-2009		Gaps between best evidence and practice: causes for concern
	15012580	2004	Is evidence-based implementation of evidence-based care poss...	Med J Aust	Barbara Gab...	29-03-2009		Is evidence-based implementation of evidence-based care pc
	15012582	2004	Diffusion of innovation theory for clinical change.	Med J Aust	Barbara Gab...	29-03-2009		Diffusion of innovation theory for clinical change
	8555924	1996	Evidence based medicine: what it is and what it isn't.	BMJ	Barbara Gab...	29-03-2009		Sackett DL [au] AND Evidence [ti] AND BMJ AND 1996
	7674736	1995	Evidence-based medicine, in its place.	Lancet	Barbara Gab...	29-03-2009		Evidence based medicine, in its place. Editorial. Lancet 1995
	8168014	1994	Evidence-based medicine means MDs must develon new skills. ...	CMAJ	Rarhara Gab...	29-03-2009		Rafuse J. Evidence-based medicine means MDs must develon

Keywords

- [-] Development of strategies to encourage adoption of best evidence into practice in Australia: workshop overview.
 - [+] General practice
 - [+] Australia

Search

Outline

1. Background
2. From idea to facts
3. Looking into EBHC Library
4. EBHC Library Manager
- 5. Website**
6. Limits
7. Next steps

6. Website

6.1. Search

6.2. Limits for resource type

6.3. View resources

6.3. Browse thesaurus



You searched for: **systematic review**

Items 1 - 20 of 211

page of 11 next

Search in

- title
- keywords
- abstract

Resource Type

- articles [178]
- bibliographic, other [21]
- organizations [4]
- databases [5]
- tools [1]
- other [2]

	title	year	resource type
<input type="checkbox"/>	1. PRISMA [®] reporting of systematic reviews and meta-analyses.	2009	Article
<input type="checkbox"/>	2. Cochrane reviews used more rigorous methods than non-Cochrane reviews: survey of systematic reviews in physiotherapy.	2009	Article
<input type="checkbox"/>	3. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: explanation and elaboration.	2009	Article
<input type="checkbox"/>	4. Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement.	2009	Article
<input type="checkbox"/>	5. Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement.	2009	Article
<input type="checkbox"/>	6. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: explanation and elaboration.	2009	Article
<input type="checkbox"/>	7. Preferred reporting items for systematic reviews and meta-analyses: the PRISMA statement.	2009	Article
<input type="checkbox"/>	8. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate healthcare interventions: explanation and elaboration.	2009	Article

6. Website

6.1. Search

6.2. Limits for resource type

6.3. View resources

6.4. Browse thesaurus


 search

You searched for: **systematic review**
Your limits: **bibliographic, other** x **books** x

Items 1 - 8 of 8

page 1 of 1 next

Search in

- title
- keywords
- abstract

Resource Type

- articles [178]
- bibliographic, other [21]
 - books [8]
 - monographs [6]
 - newsletters [3]
 - theme issues [3]
 - reports, hta [1]
- organizations [4]
- databases [5]
- tools [1]
- other [2]

	title	year	resource type
<input type="checkbox"/>	1. Littell JH, Corcoran J, Pillai V. Systematic Reviews and Meta-Analysis. Oxford University Press, 2008	2008	Books
<input type="checkbox"/>	2. Rothstein H, Sutton AJ, Borenstein M. Publication bias in meta-analysis: prevention, assessment and adjustments. Wiley, 2005	2005	Books
<input type="checkbox"/>	3. Petticrew M, Roberts E. Systematic Reviews in the Social Sciences: A Practical Guide. Wiley-Blackwell, 2005	2005	Books
<input type="checkbox"/>	4. Donaldson C, Mugford M, Vale L. Evidence-based Health Economics From Effectiveness to Efficiency in Systematic Review. London: BMJ Books, 2002	2002	Books
<input type="checkbox"/>	5. Egger M, Smith GD, Altman D. Systematic Reviews in Health Care. Meta-analysis in context. London: BMJ Publishing Group, 2001	2001	Books
<input type="checkbox"/>	6. Glasziou P, Irwig L, Bain C, Colditz G. Systematic Reviews in Health Care: A Practical Guide. Cambridge University Press, 2001	2001	Books
<input type="checkbox"/>	7. Mulrow C, Cook D. Systematic Reviews. Synthesis of best evidence for health care decisions. Philadelphia: American College of Physicians, 1998	1998	Books
<input type="checkbox"/>	8. Chalmers I, Altman DG. Systematic reviews. London: BMJ Publishing Group. 1995	1995	Books



You searched for: **systematic review**

Your limits: **bibliographic, other** x **monographs** x

Items 1 - 6 of 6

page of 1 next

Search in

- title
- keywords
- abstract

Resource Type

- articles [178]
- bibliographic, other [21]
 - books [8]
 - monographs [6]
 - newsletters [3]
 - theme issues [3]
 - reports, hta [1]
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- databases [5]
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- other [2]

	title	year	resource type
<input type="checkbox"/>	1. Higgins JPT, Green S (editors). Cochrane Handbook for Systematic Reviews of Interventions Version 5.0.2 [updated September 2009]. The Cochrane Collaboration, 2009.	2009	Monographs
<input type="checkbox"/>	2. Systematic Reviews: CRD's guidance for undertaking reviews in health care. Centre for Reviews and Dissemination, 2009	2009	Monographs
<input type="checkbox"/>	3. What is a Systematic Reviews. Hayward Medical Communications, 2009	2009	Monographs
<input type="checkbox"/>	4. What is a Meta-analysis. Hayward Medical Communication, 2009	2009	Monographs
<input type="checkbox"/>	5. Finding studies for systematic reviews: a checklist for researchers. Centre for Review and Dissemination, 2008	2008	Monographs
<input type="checkbox"/>	6. An Introduction to Systematic Reviews. Joanna Briggs Institute, 2001	2001	Monographs

6. Website

6.1. Search

6.2. Limits for resource type

6.3. View resources

6.4. Browse thesaurus



You searched for: **systematic review**

Your limits: **bibliographic, other** x **monographs** x

Items 1 - 6 of 6

page of 1 next

Search in

- title
- keywords
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Resource Type

- articles [178]
- bibliographic, other [21]
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view	title	year	resource type
<input checked="" type="checkbox"/>	1. Higgins JPT, Green S (editors). Cochrane Handbook for Systematic Reviews of Interventions Version 5.0.2 [updated September 2009]. The Cochrane Collaboration, 2009.	2009	Monographs
<input checked="" type="checkbox"/>	2. Systematic Reviews: CRD's guidance for undertaking reviews in health care. Centre for Reviews and Dissemination, 2009	2009	Monographs
<input type="checkbox"/>	3. What is a Systematic Reviews. Hayward Medical Communications, 2009	2009	Monographs
<input type="checkbox"/>	4. What is a Meta-analysis. Hayward Medical Communication, 2009	2009	Monographs
<input checked="" type="checkbox"/>	5. Finding studies for systematic reviews: a checklist for researchers. Centre for Review and Dissemination, 2008	2008	Monographs
<input type="checkbox"/>	6. An Introduction to Systematic Reviews. Joanna Briggs Institute, 2001	2001	Monographs



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[Back to results](#)

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- title
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Resource Type

- articles [178]
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- tools [1]
- other [2]

BIBLIOGRAPHIC, OTHER > Monographs

Title Higgins JPT, Green S (editors). Cochrane Handbook for Systematic Reviews of Interventions Version 5.0.2 [updated September 2009]. The Cochrane Collaboration, 2009.

Year 2009

Keyword Developing; Systematic reviews

Full text [full text](#)

BIBLIOGRAPHIC, OTHER > Monographs

Title Systematic Reviews: CRD's guidance for undertaking reviews in health care. Centre for Reviews and Dissemination, 2009

Year 2009

Keyword Developing; Systematic reviews

Full text [full text](#)

BIBLIOGRAPHIC, OTHER > Monographs

Title Finding studies for systematic reviews: a checklist for researchers. Centre for Review and Dissemination, 2008

Year 2008

Keyword

Full text [full text](#)



search

You searched for: **systematic review**

[Back to results](#)

Search in

- title
- keywords
- abstract

Resource Type

- articles [178]
- bibliographic, other [21]
- organizations [4]
- databases [5]
- tools [1]
- other [2]

ARTICLE

Author	Moseley AM, Elkins MR, Herbert RD, Maher CG, Sherrington C
Title	Cochrane reviews used more rigorous methods than non-Cochrane reviews: survey of systematic reviews in physiotherapy.
Citation	J Clin Epidemiol. 2009-Oct ;62:10
Abstract	view
Keyword	Cochrane Collaboration; Systematic reviews; Survey [pt]; Critical appraising
Full text	full text
MEDLINE	PMID 19282144



You searched for: **systematic review**

[Back to results](#)

Search in

- title
- keywords
- abstract

Resource Type

- articles [178]
- bibliographic, other [21]
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- tools [1]
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ARTICLE

Author Moseley AM, Elkins MR, Herbert RD, Maher CG, Sherrington C

Title Cochrane reviews used more rigorous methods than non-Cochrane reviews: survey of systematic reviews in physiotherapy.

Citation J Clin Epidemiol. 2009-Oct ;62:10

Abstract [hide](#)

OBJECTIVE: To describe the quality and methods of systematic reviews of physiotherapy interventions, compare Cochrane and non-Cochrane reviews, and establish the interrater reliability of the Overview Quality Assessment Questionnaire (OQAQ) quality assessment tool.

STUDY DESIGN AND SETTING: A survey of 200 published systematic reviews was done Two independent raters assessed the search strategy, assessment of trial quality, outcomes, pooling, conclusions, and overall quality (OQAQ) The study was carried out in the University research center.

RESULTS: In these reviews, the five most common databases searched were MEDLINE, EMBASE, Cochrane Library, CINAHL, and Cochrane Review Group Registers The Cochrane allocation concealment system and Jadad Scale were most frequently used to assess trial quality Cochrane reviews searched more databases and were more likely to assess trial quality, report dichotomous outcomes for individual trials, and conduct a meta-analysis than non-Cochrane reviews Non-Cochrane reviews were more likely to conclude that there was a beneficial effect of treatment Cochrane reviews were of higher quality than non-Cochrane reviews There has been an increase in the quality of systematic reviews over time The OQAQ has fair to good interrater reliability.

CONCLUSION: The quality of systematic reviews in physiotherapy is improving, and the use of Cochrane Collaboration procedures appears to improve the methods and quality

Keyword Cochrane Collaboration; Systematic reviews; Survey [pt]; Critical appraising

Full text [full text](#)

6. Website

6.1. Search

6.2. Limits for resource type

6.3. View resources

6.4. Browse thesaurus

Outline

1. Background
2. From idea to facts
3. Looking into EBHC Library
4. EBHC Library Manager
5. Website
- 6. Limits**
7. Next steps

6. Limits

- EBHC Library has a limited use for systematic searches
- It is very difficult to score the “quality” of the methodological articles and the other resources:
 - time restraint
 - several “narrative articles”
 - lack of tools for scoring most of records
- EBHC Library does not capture relevant articles not archived in MEDLINE → need to find and manually input them

Outline

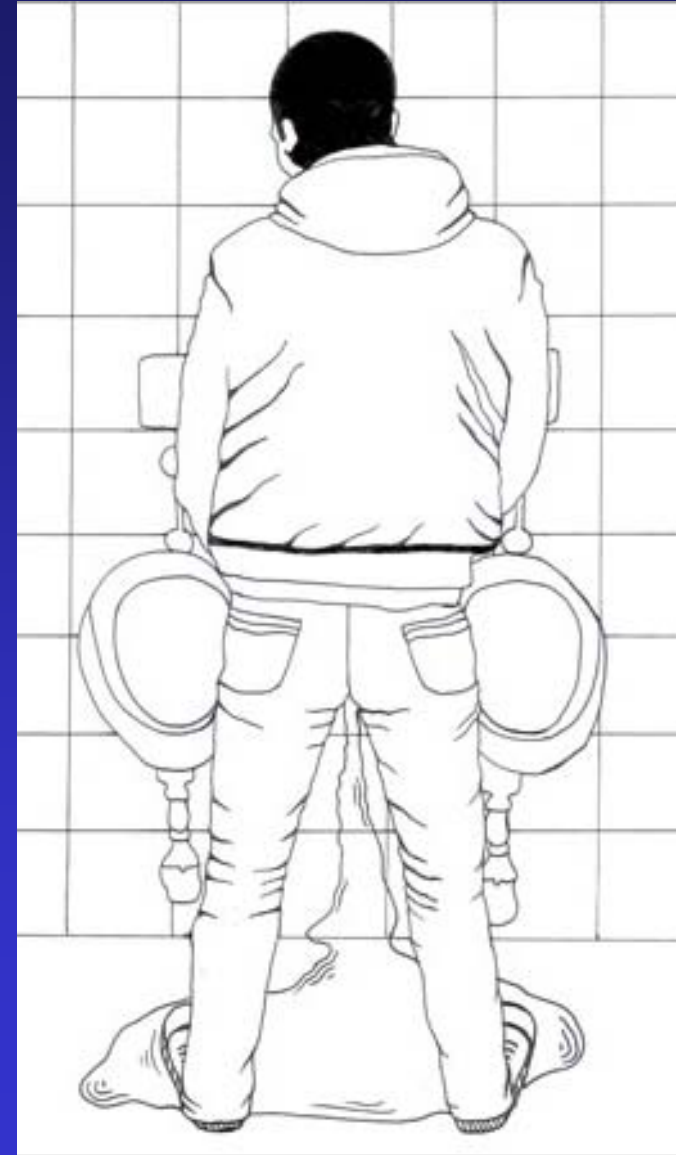
1. Background
2. From idea to facts
3. Overview
4. EBHC Library Manager
5. Web site
6. Limits
- 7. Next steps**

7. Next steps

At this stage of funding and development, for **GIMBE®** is mandatory...

DON'T FAIL THE TARGET

and...



7. Next steps

TO PREVENT ANY MISUSE OF THE LIBRARY



7. Next steps

Dreaming the popularity of “Hollywood triangle”...
we developed a two step “three-cornered strategy”





**EBHC
Library**



GIMBE®



**EBHC
Library**

- We realized the EBHC Library without external funding, so we will proceed to:
 - Technical development
 - Content management

GIMBE®

**EBHC
Library**

**EBHC Library
Working Group**



Help

We need your help to...

1. Website test and feedback
2. Methodological support
3. Indexing resources
4. Marketing
5. Funding



EBHC Library Working Group

1. Website test and feedback

- Individual user ID and password
- Structured feedback form
- 9th November – 8th December 2009
30 days to find bugs and suggest improvements
- Who?
 - Attendees of 5th EBHC Conference
 - Attendees of previous editions (200-250)
 - List of selected EBHC International leaders
 - ...



EBHC Library Working Group

2. Methodological support

- Development and review:
 - EBHC Thesaurus
 - Search strategies
 - Categories and subcategories
 - Journal Lists



EBHC Library Working Group

3. Indexing resources

- In Pre-library for preferred areas



EBHC Library Working Group

4. Marketing

- Developing web-marketing strategies
- Spreading EBHC Library in own country, institution, individual mailing lists, colleagues



EBHC Library Working Group

5. Funding

- Exploring with us funding issues
 - Institutional partnership
 - Look for grants
 - ...

GIMBE®

**EBHC
Library**

**EBHC Library
Working Group**

**EBHC Library
International Users**

EBHC Library International Users

1. Website test and feedback
2. Contents suggestions
3. Rating
4. Comments



EBHC Library International Users

2. Contents suggestions

- Articles
- Other resources
- Additional keywords



3. Rating resources

- Quality
- News-worthiness
- Relevance
- User level



EBHC Library International Users

4. Comments

- Give comments on single article or resource



But... without your collaboration

- Slow fill of the box and indexing, especially if “coverage journals” will be expanded
- Lack of usage of the Library
- Little involvement of EBHC world

Chaos

Chaos

Order

Order

Chaos

Chaos

Order

Order

Suggested time table

Within	GIMBE®	EBHC WG	EBHC Users
31 Dec 2009	<ul style="list-style-type: none"> • Indexing & developing 	Test & feedback	-
Jan 2010	<ul style="list-style-type: none"> • Launch to EBHC world of test version • Indexing & developing 	Test & feedback	Test & feedback
April 2010	<ul style="list-style-type: none"> • Launch to EBHC world of final version • Indexing & developing 	<ul style="list-style-type: none"> • Feedback • Help ? 	Feedback
29 October 2010	HAPPY BIRTHDAY		

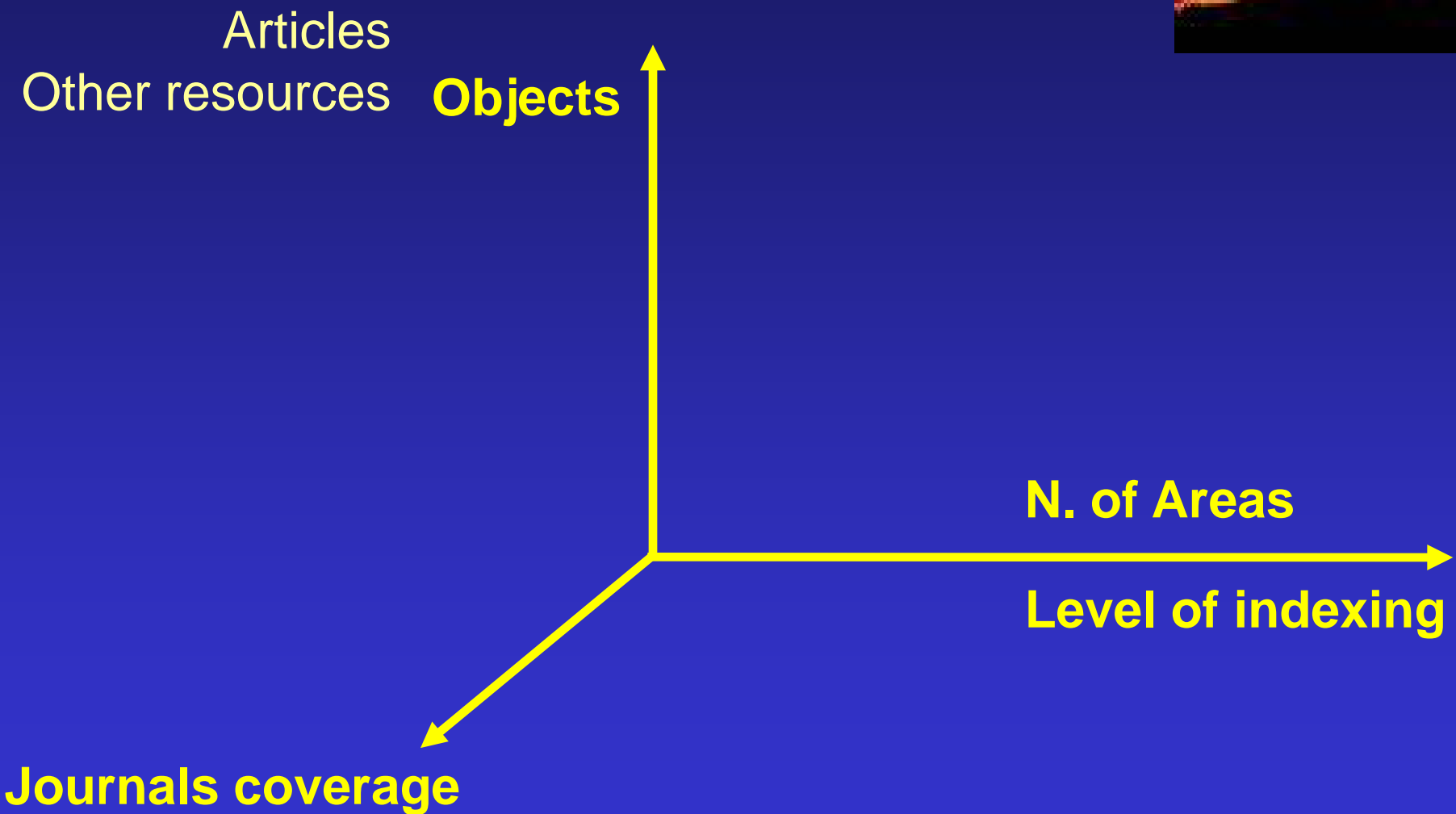
RISERVA

4. The Problem

- The methodological literature is like...



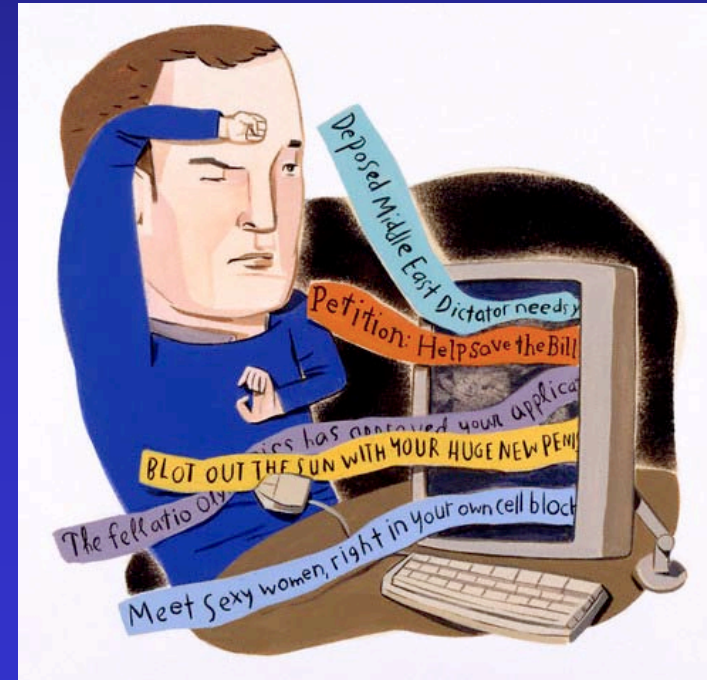
EBHC Library has 3 growing directions



5. Limits

Has the EBHC International Library

- Too many areas?
- Too many branches in the thesaurus?
- Too many objects?
- Too many journals to cover?



5. Limits

Is it useful to rate the articles for?

- Relevance
- Quality
- Users' level

6. Survey

- Usefulness scores (from 1 to 4)
- Single / multiple answers
- General comments and suggestions
- Three annexes
 1. Areas
 2. Lists of journals
 3. A full branch of Thesaurus

1. xxx?

1. ...

2. ...

3. ...

4. ...

5. ...

Relevance score

1. Not useful
2. xxx
3. xxx
4. Essential

3.2. Thesaurus Manager

- For each KW, TM allows to shows the related resources

Articles (87) Others Resources (4)

Pre-Library (10) To Review (5) Library (72) Trash (0)



<<

Items 1 to 0 of 10

>>

Page

1 of 1

S	PWID	TITLE	JOURNAL	USER	DATE	SERIES OF ARTICLES	QUERY
•	7486476	Case-control study, meta-analysis, and bouillabaisse: putting t...	Ann Intern ...	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	7486471	Discordance between meta-analyses and large-scale randomize...	Ann Intern ...	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	9546497	Changing, from top to bottom.	Lancet	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	9923867	The information wars.	Lancet	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	10568648	Problems in the design and reporting of trials of antifungal age...	JAMA	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	11408310	Forest plots: trying to see the wood and the trees.	BMJ	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	16363911	Selection bias in meta-analyses of gene-disease associations.	PLoS Med	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	17349436	The trialist, meta-analyst, and journal editor: lessons from AD...	Am J Med	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	18024482	Financial ties and concordance between results and conclusions...	BMJ	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...
•	19238601	ACP Journal Club. Interpreting meta-analyses in systematic rev...	Ann Intern ...	Nino Cartab...	2009-07-...		Meta-Analysis as Topic [majr]NOT letter [pt] NOT news [pt] AN...

Keywords

Technical development

EBHC Library Manager

- Improve full text management
- Integrate other web services (e.g. Amazon)
- Journal manager
- MEDLINE filters manager

Website

- Tools: export record, rating resources, social bookmarking
- Limits: publication type

Content Management

EBHC Thesaurus

- Review, expand tree, debug
- Developing new search strategies

Indexing

- Articles
- Other resources