

Session 4. Objectives

- To gain knowledge about searching for evidence to inform decision making
- To gain knowledge about pros/cons of different evidence resources
- To gain knowledge about resources for appraising evidence

JASPA*

(Journal associated score of personal angst)

J: Are you ambivalent about renewing your **JOURNAL** subscriptions?

A: Do you feel **ANGER** towards prolific authors?

S: Do you ever use journals to help you **SLEEP**?

P: Are you surrounded by **PILES of PERIODICALS**?

A: Do you feel **ANXIOUS** when journals arrive?

* Modified from: BMJ 1995;311:1666-1668

Where can we find the evidence?



This work is licensed under a [Creative Commons Attribution-NonCommercial 4.0 International License](https://creativecommons.org/licenses/by-nc/4.0/)

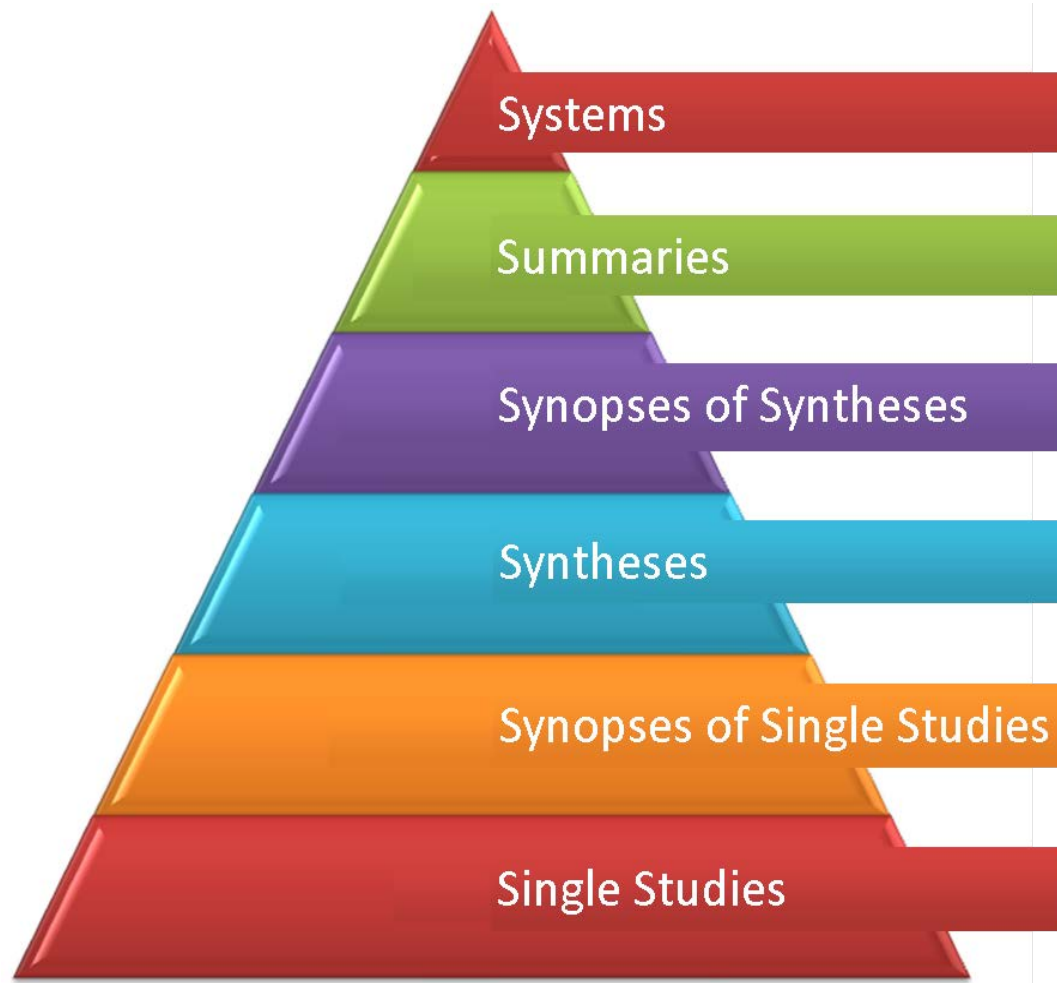
Types of clinical questions

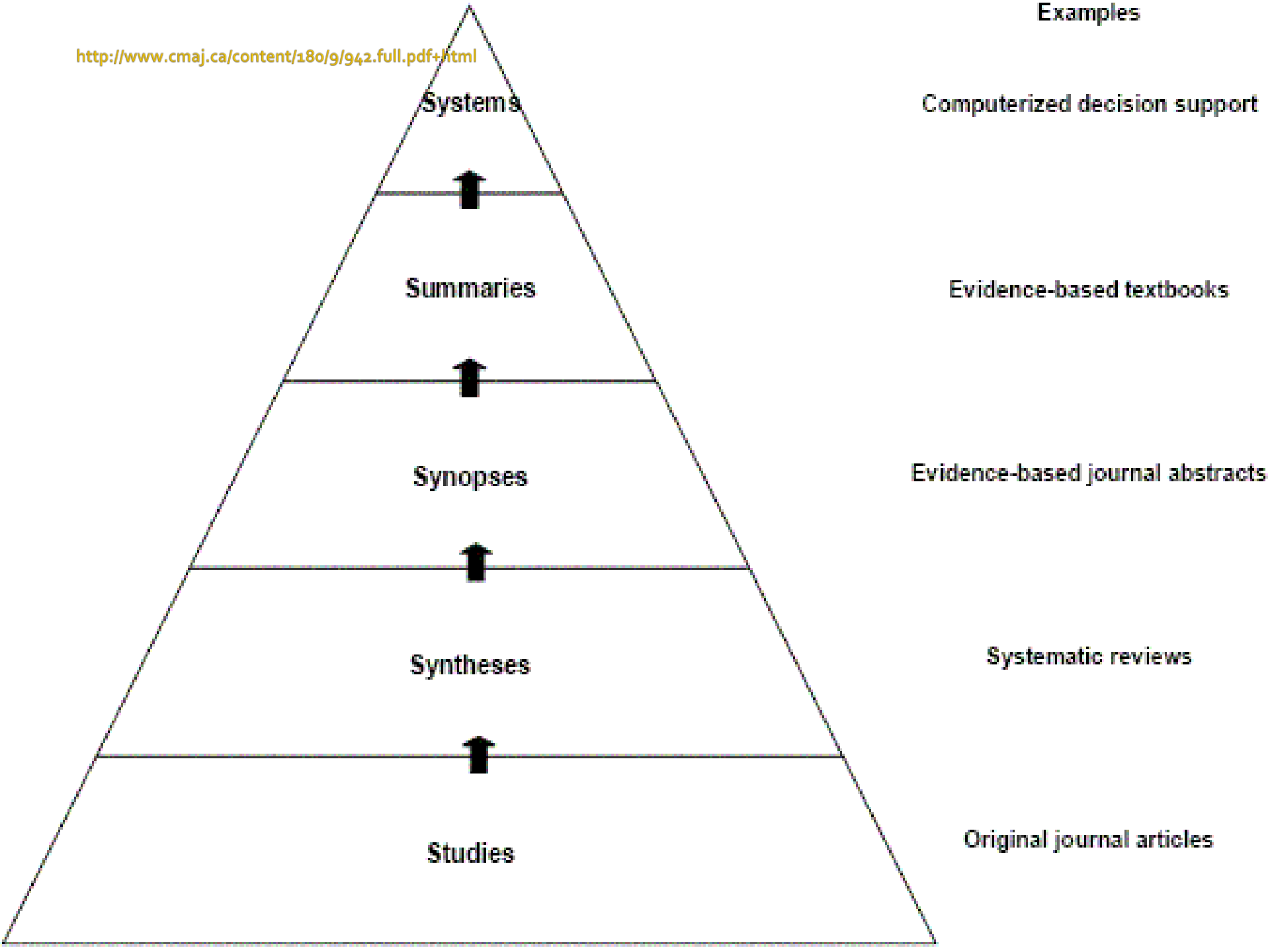
- Test Accuracy: Does a negative spiral CT rule out a pulmonary embolism?
- Frequency: How often does iron deficiency anemia occur?
- Etiology: Does caffeine cause urinary incontinence?
- Prognosis: What are the consequences of an ischemic stroke?
- Therapy: Does warfarin decrease risk of stroke in patients with atrial fibrillation?
- Economics; Quality improvement;

Formulating a clinical question

- P: population or characteristics of the implicated subjects
- I: intervention or exposure that the person or population experiences
- C: control to which the exposure is compared
- O: outcome measures of interest

Haynes et al, www.hiru.ca





summaries

- Home
- Guidelines
- Expert Commentaries
- Guideline Syntheses
- Guideline Matrix
- Guideline Resources
- Compare Guidelines
- FAQ
- Submit Guidelines
- About
- My NGC

NGC is a public resource for evidence-based clinical practice guidelines.

Search the site: **GO**

[Search Tips](#) [Advanced Search](#) [About Search](#)

► **Show Advanced Search filters**

New This Week
November 23, 2015

Guideline Summaries

- Updated American Academy of Dermatology
- Updated American Occupational Therapy Association, Inc.
- New/Updated American Society of Clinical Oncology

[View All](#)

Announcements

NGC Spotlight

- Visit the [Hospital-Acquired Conditions](#) page for evidence-based resources available on the NGC Web site to assist users in the prevention of CMS-identified hospital-acquired conditions.

[More...](#)

Sign In to My NGC

Save your favorite guideline summaries and organizations, and create custom e-mail alerts.

E-mail:

Password:

☐ Remember Me

Sign In

[Forgot your password?](#)

New User? [Create a free account](#)



Technical Assistance Videos



Find

- [Topic](#)
- [Organizations](#)
- [Guideline Index](#)



Learn

- [AHRQ Evidence Reports](#)
- [Hospital-Acquired Conditions](#)
- [Mobile Device Resources](#)



Compare

- [Guideline Syntheses](#)
- [Compare Guidelines](#)



ACP Smart Medicine & AHFS DI® Essentials™

- Atheroembolic Renovas
- Atherosclerotic Renova:
- ▶ Atopic Dermatitis
- Atopic Eczema
- Atopiform Dermatitis
- ▼ Atrial Fibrillation
 - Contributors
 - Status
 - Key Points
 - Prevention
 - Diagnosis
 - Consultation
 - Hospitalization
 - Therapy
 - Patient Counseling
 - Follow-up
 - References
 - Guidelines and Syster
 - Glossary
 - Tables
 - Figures
- ▶ Atrial Septal Defects
- ▶ Atrioventricular Block
- ▶ Attention Deficit Hypera
- ▶ Autism (Pediatrics)
- ▶ Autoimmune Hepatitis
- ▶ Autosomal Dominant Pc
- ▶ "B" Diseases
- ▶ "C" Diseases
- ▶ "D" Diseases
- ▶ "E" Diseases
- ▶ "F" Diseases
- ▶ "G" Diseases
- ▶ "H" Diseases
- ▶ "I" Diseases
- ▶ "K" Diseases
- ▶ "L" Diseases
- ▶ "M" Diseases
- ▶ "N" Diseases
- ▶ "O" Diseases
- ▶ "P" Diseases
- ▶ "R" Diseases



Download Citations



Favorites



Font



for patients poorly controlled with or intolerant of drug therapy.

- Perform emergent electrical cardioversion in patients with AF who are hemodynamically unstable.

Prevention

Use statins to prevent AF in high-risk patients. -

- Consider statin use for primary prevention of AF in patients with ischemic heart disease.
- Consider statin use for primary prevention of AF in patients undergoing cardiac surgical procedures, including coronary artery bypass grafting and valvular interventions.
- Do not use statins for the primary prevention of AF in patients without heart disease or without other indications for statin treatment.

Evidence

- The 2014 ACCF/AHA/HRS [guideline](#) for the management of patients with AF stated that statins are not beneficial for the prevention of AF in patients without cardiovascular disease but that statins may be reasonable for the prevention of AF after coronary artery surgery ([1](#)).
- A 2013 systematic review of statins for the prevention of AF included 32 studies with 71,000 patients. Overall, compared with control therapy, statin therapy reduced AF, with an OR of 0.69 (CI, 0.57 to 0.83), although there was heterogeneity in the pooled analysis. In specific clinical situations, statin therapy prevented AF in the postoperative setting (OR, 0.37 [CI, 0.28 to 0.51]) and in secondary prevention (OR, 0.57 [CI, 0.36 to 0.91]), but did not prevent new-onset AF (OR, 1.00 [CI, 0.86 to 1.15]) ([2](#)).

Rationale

- Statins have an anti-inflammatory effect that is believed to suppress inflammatory mediators that may play a role in triggering the onset of AF.

Use ACE inhibitors or ARBs to decrease the risk for development of AF in high-risk patients. -

Trigeminal neuralgia

Web publication date: 06 October 2014 (based on September 2013 search)

[Buy](#)
[PDF](#)
[Print](#)
[Bookmark](#)
[Add to Portfolio](#)
[Add new note](#)
[View notes](#)

Share this page [Twitter](#) [Facebook](#) [Google+](#)

Joanna M. Zakrzewska and
Mark E. Linskey

Interventions table (8)

- Key points
- GRADE table
- Background
- References
- Contributors
- Patient information (1)
- Related BMJ content

Interventions table

What are the effects of ongoing treatments in people with trigeminal neuralgia?

Likely to be beneficial		<ul style="list-style-type: none"> Carbamazepine Oxcarbazepine* Baclofen (in people with multiple sclerosis who develop trigeminal neuralgia)*
Trade off between benefits and harms	 	<ul style="list-style-type: none"> Microvascular decompression* Non-percutaneous destructive neurosurgical techniques (stereotactic radiosurgery)* Percutaneous destructive neurosurgical techniques (radiofrequency thermocoagulation, glycerol rhizolysis, or balloon compression)*
Unknown effectiveness	 	<ul style="list-style-type: none"> Lamotrigine Gabapentin

Footnote

Contributors

Patient information (1)

Related BMJ content

expert opinion suggests that it may have a greater than 50% failure rate for long-term (5-10 years) pain control.

- Based on the strength of published evidence, carbamazepine remains the best supported standard medical treatment for trigeminal neuralgia.

Benefits and harms

Carbamazepine versus placebo:

We found one systematic review (search date 2010), which identified three crossover RCTs.^[23] We found another systematic review (search date 1994), which examined the number of people who withdrew from RCTs of carbamazepine versus placebo because of adverse effects.^[24]

Pain relief

Carbamazepine compared with placebo Carbamazepine for 5 to 14 days seems to be more effective at relieving pain compared with placebo (**moderate-quality evidence**).

Ref (type)	Population	Outcome, Interventions	Results and statistical analysis	Effect size (for ORs and RRs)	Favours
Pain improvement					
[23] Systematic review	208 people with trigeminal neuralgia 3 RCTs in this analysis Other comment RCTs were crossover design	Any pain improvement, 5–14 days 80/102 (78%) with carbamazepine 14/106 (13%) with placebo	RR 5.87 95% CI 3.58 to 9.61 P <0.00001 NNT 2 95% CI 1 to 2	●●●	carbamazepine

No data from the following reference on this outcome ^[24]

Web publication date: 06 October 2014 (based on September 2013 search)

[Buy](#)
[PDF](#)
[Print](#)
[Bookmark](#)
[Add to Portfolio](#)
[Add new note](#)
[View notes](#)

Share this page [Twitter](#) [Facebook](#) [Google+](#)

Joanna M. Zakrzewska and Mark E. Linskey

- Interventions table (8)
- Key points
- GRADE table**
- Background
- References
- Contributors
- Patient information (1)
- Related BMJ content

GRADE Evaluation of interventions for Trigeminal neuralgia.

Click [here](#) to find out how we arrive at our judgements about the quality of the evidence.

Important outcomes	Ability to perform normal activities, Pain relief, Psychological distress								
Studies (Participants)	Outcome	Comparison	Type of evidence	Quality	Consistency	Directness	Effect size for (ORs and RRs)	GRADE	Comments

What are the effects of ongoing treatments in people with trigeminal neuralgia?

3 (208)[23]	Pain relief	Carbamazepine versus placebo	4	-2	0	-1	+2	Moderate	Quality points deducted for cross-sectional design, short follow-up, direct point estimate, inclusion of severe and uncertain about diagnostic criteria, outcome measures, effect points for RR higher
-------------	-------------	------------------------------	---	----	---	----	----	----------	--

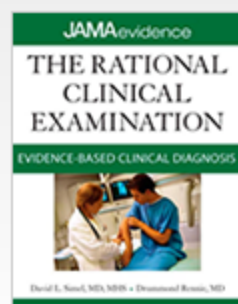
Summaries

- Best Practice
- Dynamed
- JAMA Evidence – RCE...

Search JAMAEvidence

Search

The Rational Clinical Examination: Evidence-Based Clinical Diagnosis >



View Contents

Abdominal Bruits

Make the Diagnosis:
Abdominal Bruits

Prior Probability of
Renovascular Disease

Population for Whom Renal
Artery Stenosis Should Be
Considered

Detecting the Likelihood of
Renal Artery Stenosis in

View Print Email Get Citation Search Book Top

Abdominal Bruits

Make the Diagnosis: Abdominal Bruits

Patients without hypertension should not have auscultation for asymptomatic renal artery bruits because bruits frequently are a normal finding. The search for renal artery stenosis should be confined to certain patient populations (see below). When present in these populations, an abdominal bruit is the most useful physical examination finding for assessment of renal artery stenosis.

Prior Probability of Renovascular Disease

Approximately 1% to 5% of the general population has renovascular disease. Approximately 20% of white patients with medically refractory hypertension have renal artery stenosis.

Population for Whom Renal Artery Stenosis Should Be Considered

- Onset of hypertension before 30 years of age
- Patients with an arterial bruit and hypertension, especially if there

Related Content

Chapters

The Rational Clinical Examination: Evidence-Based Clinical Diagnosis > : Carotid Bruit

Education Guide



Abdominal Bruits

View All

Audio



Abdominal Bruits: Sheri A. Keitz, MD, PhD, discusses the clinical examination for abdominal bruits

synopses



Search Journals Books Multimedia My Workspace EBP Tools

Search History (0 searches) (close)

Remove Duplicates

View Saved

<input type="checkbox"/>	# ▲	Searches	Results	Search Type	Actions
-	-	-	-	-	-

Remove Selected

Save Selected

Combine selections with:

And

Or

Save Search History

Basic Search | Find Citation | Search Tools | Search Fields | **Advanced Search** | Multi-Field Search

7 Resources selected | Hide | Change

EBM Reviews - Cochrane Database of Systematic Reviews 2005 to October 2015, EBM Reviews - ACP Journal Club 1991 to November 2015, EBM Reviews - Database of Abstracts of Reviews of Effects 2nd Quarter 2015, EBM Reviews - Cochrane Central Register of Controlled Trials October 2015, EBM Reviews - Cochrane Methodology Register 3rd Quarter 2012, EBM Reviews - Health Technology Assessment 4th Quarter 2015, EBM Reviews - NHS Economic Evaluation Database 2nd Quarter 2015

Enter keyword or phrase
(* or \$ for truncation)

☒ Keyword ☐ Author ☐ Title ☐ Journal

► Limits (expand)

☐ Include Multimedia

Search

English Français Deutsch 日本語 繁體中文 Español 简体中文 한국어

You searched:

(atrial fibrillation and anticoagulation).mp. [mp=ti, ot, ab, tx, kw, ct, sh, hw]

- Search terms used:

anticoagulation
atrial
atrial fibrillation
fibrillation

Search Returned:

683 text results

Deduplicate

Sort By:

-

Customize Display

Filter By

Add to Search History

+ Selected Only (0)

- Years

All Years
Current year
Past 3 years
Past 5 years

► Specific Year Range

+ Subject

+ Author

51. ☐ [Review: Vitamin K antagonists increase risk for subdural hematoma compared with other antithrombotics](#)

White, Richard H. MD.

EBM Reviews - ACP Journal Club

ACP Journal Club. v161(12):JC11, December, 2014.

[Therapeutics]

AN: 00021607-201412000-00010

Reviewed Source

Connolly BJ, Pearce LA, Hart RG. Vitamin K antagonists and risk of subdural hematoma: meta-analysis of randomized clinical trials. *Stroke*. 2014;45:1672-8.

► [Abstract](#)

[Table of Contents](#)
[Abstract Reference](#)
[Complete Reference](#)

[Find Citing Articles](#)

SMH [Fulltext Link](#)

+ My Projects + Annotate

52. ☐ [In nonvalvular atrial fibrillation, effects of rivaroxaban compared with warfarin did not differ by patient age](#)

Rondina, Matthew MD, MS.

EBM Reviews - ACP Journal Club

ACP Journal Club. v161(10):JC5, November, 2014.

[Therapeutics]

AN: 00021607-201411000-00004

Reviewed Source

Halperin JL, Hankey GJ, Wojdyla DM, et al; ROCKET AF Steering Committee and Investigators. Efficacy and safety of rivaroxaban compared with warfarin among elderly patients with nonvalvular atrial fibrillation in the Rivaroxaban Once Daily, Oral, Direct Factor Xa Inhibition Compared with Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation (ROCKET AF). *Circulation*. 2014;130:138-46.

► [Abstract](#)

[Table of Contents](#)
[Abstract Reference](#)
[Complete Reference](#)

[Find Citing Articles](#)

SMH [Fulltext Link](#)

+ My Projects + Annotate

in nonvalvular atrial fibrillation, effects of rivaroxaban compared with warfarin did not differ by patient age.

Source: ACP Journal Club. v161(10):p.JC5, November, 2014.

Reviewed Source: Halperin JL, Hankey GJ, Wojdyla DM, et al; ROCKET AF Steering Committee and Investigators. Efficacy and safety of rivaroxaban compared with warfarin among elderly patients with nonvalvular atrial fibrillation in the Rivaroxaban Once Daily, Oral, Direct Factor Xa Inhibition Compared with Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation (ROCKET AF). Circulation. 2014;130:138-46.

Commentary Author: Matthew, Rondina, MD, MS

Commentary Author's Institution: University of Utah Health Sciences Center, Salt Lake City, Utah, USA

Keywords: Atrial fibrillation; Embolism; Factor Xa; Morpholines; Stroke; Thiophenes; Vitamin K; Warfarin

Abstract: Question:

In patients with nonvalvular atrial fibrillation (AF) and moderate-to-high risk for stroke, does the efficacy and safety of rivaroxaban compared with warfarin differ by patient age?

Methods:

Design

Prespecified subgroup analyses of a randomized controlled trial (Rivaroxaban Once Daily Oral Direct Factor Xa Inhibition Compared with Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibrillation [ROCKET AF]).

Allocation

{Concealed}.

Blinding

Blinded (patients, clinicians, and outcome assessors).

Follow-up period

- + My Projects
- + Annotate



Inspiring Innovation and Discovery

Mosaic

Faculty & Staff Directory

Quick Links GO

Search GO

☐ McMaster ☒ Health Evidence

McMaster

Home

SEARCH healthevidence.org

Products

Tools

Consultation

About Us

Health
Evidence™
10 years



Helping public health use best evidence in practice since 2005

Home
SEARCH
healthevidence.org
Products
Tools
Consultation
About Us

Log in

Register

Language: [EN](#) [FR](#)

Find Evidence: [Search healthevidence.org](http://Search.healthevidence.org) for access to 4,401 quality-rated systematic reviews evaluating the **effectiveness of public health interventions**. We search the published literature and compile public health relevant reviews -- eliminating your need to search and screen individual databases. Join the 7,948 visitors that accessed our database this past month!

Use Evidence: Our [consultation](#) services assist individuals, teams, divisions and organizations in interpreting research evidence and applying it to program and policy decisions. Our [tools](#) support you along the way.

New from Health Evidence

Health Evidence
 @HealthEvidence
 1h
 #HEwebinar TODAY@1pmEDT Join Dr. Elizabeth Kristjansson for her review on food suppl. progs for child hlth
 REGISTER: ow.ly/UfaTn
 Expand

Health Evidence
 @HealthEvidence
 22h
 #Flu vaccines reduce
 #CardiovascularDisease mortality &

syntheses

Topic

- ▼ Child health (1)
- ▼ Complementary & alternative medicine (33)
- ▼ Diagnosis (23)
- ▼ Effective practice & health systems (1)
- ▼ Gastroenterology (1)
- ▼ Mental health (173)
- ▼ Neurology (166)

[show more \(1\)](#)

Refine your results

[Clear all filters](#)

Date

Published or updated within the last:

- ☒ All dates (178)
- ☐ 3 months (14)
- ☐ 6 months (18)
- ☐ 1 year (39)
- ☐ 2 years (62)

Stage

- ☐ Protocol (55)
- ☐ Review (123)

178 matching items

Page: **1** 2 3 4 5 6 7 8 Next ▶

25 per page

Sort by:

Date: Newest First

Organisational interventions for promoting person-centred care for people with dementia

Lynn Chenoweth, Jane Stein-Parbury, Samuel Lapkin, Yueping Alex Wang
Online Publication Date: November 2015

Cognitive training interventions for dementia and mild cognitive impairment in Parkinson's Disease

Vasiliki Orgeta, Kathryn R McDonald, Ellen Poliakoff, John Vincent Hindle, Linda Clare, Iracema Leroi
Online Publication Date: November 2015

L-carnitine for cognitive enhancement in people without cognitive impairment

Ning Chen, Mi Yang, Muke Zhou, Jing Xiao, Jian Guo, Li He, Ruxin Xing
Online Publication Date: November 2015

Montreal Cognitive Assessment for the diagnosis of Alzheimer's disease and other dementias

Publication Date

- ☐ 2012 (1)
- ☐ 2005 (1)
- ☐ 2004 (1)
- ☐ 2003 (1)

EPC Type

- ☐ Comparative Effectiveness Reviews (1)
- ☐ Evidence Reports (2)

EPC Name

- ☐ McMaster University (1)
- ☐ RTI International - University of North Carolina at Chapel Hill (2)
- ☐ Southern California Evidence-based Practice Center - RAND Corporation (1)

EPC Reports

This list provides complete titles of released evidence reports, comparative effectiveness reviews, technical briefs, Technology Assessment Program reports, and U.S. Preventive Services Task Force AHRQ Research Studies evidence syntheses

Search

dementia Search Reset

[Comparison of Characteristics of Nursing Homes and Other Residential Long-Term Care Settings for People With Dementia](#)

Publication Date: October 2012
EPC Type: Comparative Effectiveness Reviews
EPC Name: RTI International - University of North Carolina at Chapel Hill

[Effects of Omega-3 Fatty Acids on Cognitive Function with Aging, Dementia, and Neurological Diseases](#)

Publication Date: February 2005
EPC Type: Evidence Reports
EPC Name: Southern California Evidence-based Practice Center - RAND Corporation

[Pharmacological Treatment of Dementia](#)

Publication Date: April 2004
EPC Type: Evidence Reports
EPC Name: McMaster University

[Screening for Dementia](#)



THE CAMPBELL COLLABORATION

International Development

C2 Home
About our group
Contact us
IDCG Review projects
IDCG updates
Resources



9. Authors: Elizabeth Kristjansson, Damian K Francis, Selma Liberato, Maria Benkhalti Jarou, Vivian Andrea Welch, Malek Batal, Trisha Greenhalgh, Tamara Rader, Eamonn Noonan, Beverley J. Shea, Laura Janzen, George A. Wells, Mark Petticrew
Published: 04.05.2015
Group: Social Welfare, International Development

Title: [The Effects of Training, Innovation and New Technology on African Smallholder Farmers' Wealth and Food Security: A Systematic Review](#)

10. Authors: Ruth Stewart, Laurenz Langer, Natalie Rebelo Da Silva, Evans Muchiri, Hazel Zaranyika, Yvonne Erasmus, Nicola Randall, Shannon Rafferty, Marcel Korth, Nolizwe Madinga, Thea de Wet
Published: 01.09.2015
Group: International Development

Title: [Community-Based Rehabilitation for People With Disabilities in Low- and Middle-income Countries: A Systematic Review](#)

11. Authors: Valentina Iemmi, Lorna Gibson, Karl Blanchet, Suresh Kumar, Santosh Rath, Sally Hartley, GVS Murthy, Vikram Patel, Joerg Weber, Hannah Kuper
Published: 01.09.2015
Group: International Development

Title: [The Effects Of Economic Self-Help Group Programs On Women's Empowerment: A Systematic Review](#)

12. Authors: Carinne Brody, Thomas de Hoop, Martina Vojtkova, Ruby Warnock, Megan Dunbar, Padmini Murthy, Shari Dworkin
Published: 02.11.2015
Group: International Development

Title: [Preventive Interventions to Reduce Youth Gang Violence in Low- and Middle-Income Countries: A Systematic Review](#)

13. Authors: Angela Higginson, Kathryn Ham Benier, Yulia Shenderovich, Laura Bedford, Lorraine Mazerolle, Joseph Murray
Published: 02.11.2015
Group: International Development, Crime and Justice

5.	Title: The Effects of Teachers' Classroom Management Practices on Disruptive, or Aggressive Student Behavior: A Systematic Review Authors: Regina Oliver, Daniel Reschly, Joseph Wehby Published: 24.06.2011 Group: Social Welfare, Education	<input type="checkbox"/>
6.	Title: Impacts of After-School Programs on Student Outcomes: A Systematic Review Authors: Susan Goerlich Zief, Sheri Lauver, Rebecca A Maynard Published: 07.05.2006 Group: Education	<input type="checkbox"/>
7.	Title: The Effects of School-Based Social Information Processing Interventions on Aggressive Behavior: Part I: Universal Programs: A Systematic Review Authors: Sandra Jo Wilson, Mark Lipsey Published: 07.05.2006 Group: Education	<input type="checkbox"/>
8.	Title: Approaches to Parent Involvement for Improving the Academic Performance of Elementary SchoolAge Children: A Systematic Review Authors: Chad Nye, Jamie Schwartz, Herbert Turner Published: 21.06.2006 Group: Education	<input type="checkbox"/>
9.	Title: The Effects of School-Based Social Information Processing Interventions on Aggressive Behavior: Part II: Selected/Indicated Pull-Out Programs: A Systematic Review Authors: Sandra Jo Wilson, Mark Lipsey Published: 16.03.2006 Group: Education	<input type="checkbox"/>
10.	Title: The Effectiveness of Volunteer Tutoring Programs: A Systematic Review Authors: Gary Ritter, Ginger Albin, Joshua Barnett, Virginia Blankenship, George Denny Published: 21.06.2006 Group: Education	<input type="checkbox"/>

View: 1-10 | [All \(Total: 22\)](#)

[Select all](#)

Export selected references

Export selected documents

Studies (single)

PubMed

PubMed comprises more than 25 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.

PubMed Commons

Featured comment - Nov 20
Screening challenges: Author J Coyne (@CoyneoftheRealm) replies to journal club's discussion. 1.usa.gov/1LMPJzW

Using PubMed

- [PubMed Quick Start Guide](#)
- [Full Text Articles](#)
- [PubMed FAQs](#)
- [PubMed Tutorials](#)
- [New and Noteworthy](#)

PubMed Tools

- [PubMed Mobile](#)
- [Single Citation Matcher](#)
- [Batch Citation Matcher](#)
- [Clinical Queries](#)
- [Topic-Specific Queries](#)

More Resources

- [MeSH Database](#)
- [Journals in NCBI Databases](#)
- [Clinical Trials](#)
- [E-Utilities \(API\)](#)
- [LinkOut](#)

PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use [PubMed](#) directly.

atrial fibrillation AND anticoagulation

Clinical Study Categories

Category:

Scope:

Results: 5 of 3729

Efficacy and safety of apixaban compared with aspirin in the elderly: a subgroup analysis from the AVERROES trial.

Ng KH, Shestakovska O, Connolly SJ, Eikelboom JW, Avezum A, Diaz R, Lanus F, Yusuf S, Hart RG.
Age Ageing. 2015 Nov 19; . Epub 2015 Nov 19.

Atrial fibrillation and heart failure due to reduced versus preserved ejection fraction: A systematic review and meta-analysis of death and adverse outcomes.

Kotecha D, Chudasama R, Lane DA, Kirchhof P, Lip GY.
Int J Cardiol. 2015 Oct 28; 203:660-666. Epub 2015 Oct 28.

Aspirin Compared to Low Intensity Anticoagulation in Patients with Non-Valvular Atrial Fibrillation. A Systematic Review and Meta-Analysis.

Vazquez FJ, Gonzalez JP, Gándara E.
PLoS One. 2015; 10(11):e0142222. Epub 2015 Nov 12.

Direct factor Xa inhibitor edoxaban: from bench to clinical practice.

Systematic Reviews

Results: 5 of 349

Atrial fibrillation and heart failure due to reduced versus preserved ejection fraction: A systematic review and meta-analysis of death and adverse outcomes.

Kotecha D, Chudasama R, Lane DA, Kirchhof P, Lip GY.
Int J Cardiol. 2015 Oct 28; 203:660-666. Epub 2015 Oct 28.

Aspirin Compared to Low Intensity Anticoagulation in Patients with Non-Valvular Atrial Fibrillation. A Systematic Review and Meta-Analysis.

Vazquez FJ, Gonzalez JP, Gándara E.
PLoS One. 2015; 10(11):e0142222. Epub 2015 Nov 12.

Network Meta-Analysis of Oral Anticoagulants for Primary Prevention, Treatment and Secondary Prevention of Venous Thromboembolic Disease, and for Prevention of Stroke in Atrial Fibrillation.

Lopez-Lopez JA, Sterne J, Bodalia PN, Bryden PA, Davies P, Okoli GN, Thom H, Caldwell DM, Dias S, Eaton D, et al.
Value Health. 2015 Nov; 18(7):A374. Epub 2015 Oct 20.

Prolonged Cardiac Monitoring to Detect Atrial

Medical Genetics

Topic:

Results: 5 of 65

A roadmap to improve the quality of atrial fibrillation management: proceedings from the fifth Atrial Fibrillation Network/European Heart Rhythm Association consensus conference.

Kirchhof P, Breithardt G, Bax J, Benninger G, Blomstrom-Lundqvist C, Boriani G, Brandes A, Brown H, Brueckmann M, Calkins H, et al.
Europace. 2015 Oct 18; . Epub 2015 Oct 18.

Lack of Association of Clinical Factors (SAME-TT2R2) with CYP2C9/VKORC1 Genotype and Anticoagulation Control Quality.

Park YK, Lee MJ, Kim JH, Kim SJ, Kim JS, Lee SY, Bang OY.
J Stroke. 2015 May; 17(2):192-8. Epub 2015 May 29.

High intra- and inter-individual variability of plasma vitamin K concentrations in patients with atrial fibrillation under warfarin therapy.

Kim YE, Woo HI, On YK, Kim JS, Lee SY.
Eur J Clin Nutr. 2015 Jun; 69(6):703-6. Epub 2015 Apr 1.

Anticoagulation therapy. Optimal dosages and

Clinical Queries using Research Methodology Filters

Category	Optimized For	Sensitive/ Specific	PubMed Equivalent
therapy	sensitive/broad	99%/70%	((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials as topic[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading])
	specific/narrow	93%/97%	(randomized controlled trial[Publication Type] OR (randomized[Title/Abstract] AND controlled[Title/Abstract] AND trial[Title/Abstract]))
diagnosis	sensitive/broad	98%/74%	(sensitiv*[Title/Abstract] OR sensitivity and specificity[MeSH Terms] OR diagnose[Title/Abstract] OR diagnosed[Title/Abstract] OR diagnoses[Title/Abstract] OR diagnosing[Title/Abstract] OR diagnosis[Title/Abstract] OR diagnostic[Title/Abstract] OR diagnosis[MeSH:noexp] OR diagnostic * [MeSH:noexp] OR diagnosis,differential[MeSH:noexp] OR diagnosis[Subheading:noexp])
	specific/narrow	64%/98%	(specificity[Title/Abstract])
etiology	sensitive/broad	93%/63%	(risk*[Title/Abstract] OR risk*[MeSH:noexp] OR risk * [MeSH:noexp] OR cohort studies[MeSH Terms] OR group[Text Word] OR groups[Text Word] OR grouped [Text Word])
			((relative[Title/Abstract] AND risk*[Title/Abstract]) OR (relative risk[Text Word]) OR risks[Text Word] OR



EvidenceUpdates

from BMJ

Home

My Profile

My Alerts

Search

Tools

Help

Log Out

New Articles

Saved Articles

Alert Setup

Most Accessed

Highest Rated

New Articles

These are the latest Alerts we've found that meet your personalized settings.

- [No alerts showing?](#)
- If you would like to change the number or types of alerts, please change your personalized settings at [Alert Setup](#).
- All alerts are also in the [EvidenceUpdates](#) database; please find them by going to [Search](#).

Select All

Download Citations

Refman Help

Endnote Help

Save Selected Articles

Delete Selected Articles

- ☐ 1. [Efficacy of nonvenous medications for acute convulsive seizures: A network meta-analysis.](#)
Neurology. 2015 Oct 28. pii: 10.1212/WNL.0000000000002142. (Review)
- ☐ 2. [Psychological treatments for depression and anxiety in dementia and mild cognitive impairment: systematic review and meta-analysisdagger.](#)
Br J Psychiatry. 2015 Oct;207(4):293-8. doi: 10.1192/bjp.bp.114.148130. (Review)
- ☐ 3. [Effectiveness of Soft Tissue Massage for Nonspecific Shoulder Pain: Randomized Controlled Trial.](#)
Phys Ther. 2015 Nov;95(11):1467-77. doi: 10.2522/ptj.20140350. Epub 2015 May 28. (Original)
- ☐ 4. [Alexander Technique Lessons or Acupuncture Sessions for Persons With Chronic Neck Pain: A Randomized Trial.](#)
Ann Intern Med. 2015 Nov 3;163(9):653-62. doi: 10.7326/M15-0667. (Original)
- ☐ 5. [Endovascular Thrombectomy for Acute Ischemic Stroke: A Meta-analysis.](#)
JAMA. 2015 Nov 3;314(17):1832-43. doi: 10.1001/jama.2015.13767. (Review)

[update details](#)Signed in as...
sharon straus[Log out](#)

Quick Search:

☐ Use my clinical discipline

Search

[Advanced Search](#)

< Previous Back To New Articles Next >

Arya R, Kothari H, Zhang Z, et al. **Efficacy of nonvenous medications for acute convulsive seizures: A network meta-analysis.** Neurology. 2015 Oct 28. pii: 10.1212/WNL.0000000000002142. (Review) PMID: 26511448

[Read Abstract](#) [Read Comments](#)

Best Practice Topics: [Status epilepticus](#) [Optimizing functional status in the elderly](#)

Clinical Evidence Topic: [Epilepsy \(partial\)](#)

DISCIPLINE	RELEVANCE TO PRACTICE	IS THIS NEWS?
Emergency Medicine	■■■■■■■	■■■■■□□
Neurology	■■■■■□	■■■■■□
Internal Medicine	■■■■■□	■■■■■□
Pediatrics (General)	■■■■■□	■■■■■□
General Internal Medicine-Primary Care(US)	■■■■■□	■■■■■□
General Practice(GP)/Family Practice(FP)	■■■■■□	■■■■■□
Pediatric Emergency Medicine	*	*

* Ratings pending – login to <http://plus.mcmaster.ca/evidenceupdates> in a few days if interested.

[Print](#) [Save Article](#) [Delete Article](#) [Email this article to a colleague](#) [f](#) [t](#) [■](#) [r](#) [g](#) [l](#)

Abstract

OBJECTIVE: This is a network meta-analysis of nonvenous drugs used in randomized controlled trials (RCTs) for treatment of acute convulsive seizures and convulsive status epilepticus.

METHODS: Literature was searched according to Preferred Reporting Items for Systematic reviews and Meta-Analyses guidelines for RCTs examining treatment of acute convulsive seizures or status epilepticus with at least one of the study arms being a nonvenous medication. After demographic and outcome data extraction, a Bayesian network meta-analysis was performed and efficacy results were summarized using treatment effects and their credible intervals (CrI). We also calculated the probability of each route-drug combination being the most clinically effective for a given outcome and provided their Bayesian hierarchical

Quick Search:

☐ Use my clinical discip

[Advanced Search](#)

Meta-search

- OVID, EBMR
- SUMSearch
 - Wikipedia, PubMed, National Guidelines Clearinghouse, DARE
 - <http://sumsearch.org/>
- TRIP database
 - <https://www.tripdatabase.com/>
- Epistemonikos
 - <http://www.epistemonikos.org/>

Meta-search

- Databases searched:

[Cochrane database of systematic reviews \(CDSR\)](#)
[Database of Abstracts of Reviews of Effectiveness \(DARE\)](#)
[HTA Database](#)
[PubMed](#)
[LILACS](#)
[CINAHL](#)
[PsychINFO](#)
[EMBASE](#)
[EPPI-Centre Evidence Library](#)
[CADTH Rx for Change](#)
[3ie Systematic Reviews and Policy Briefs](#)
[Campbell Library](#)
[SURE policy briefs](#)
[Clinical Evidence](#)
[European Observatory on Health Systems and Policies](#)
[DFID](#)
[SUPPORT Summaries](#)
[WHO Institutional Repository for Information Sharing](#)
[NICE public health guidelines and systematic reviews](#)
[Guide to Community Preventive Services](#)
[McMaster Plus KT+](#)
[McMaster Health Forum](#)
[ACP Journal Club](#)
[Evidencias en Pediatría](#)
[Chinese Journal of Evidence Based Medicine](#)

atrial fibrillation and anticoagulation



Advanced search

Filter results

By category

- All
- Overviews (4)
- Systematic Reviews (313)
- Structured Summaries (140)
- Primary Studies (605)

By year

- All
- Last year
- Last 5 years
- Last 10 years
- Custom range

Smart filter

ON

Results: 1-10 of 1062

Primary Study

Impact of proteinuria and glomerular filtration rate on risk of thromboembolism in atrial fibrillation: the anticoagulation and risk factors in atrial fibrillation (ATRIA) study.

AUTHORS » Go AS , Fang MC , Udaltsova N , Chang Y , Pomernacki NK , Borowsky L - [More](#)

JOURNAL » Circulation

YEAR » 2009

LINKS » Pubmed , DOI

This article is included in 2 Systematic Reviews

Primary Study

Gender differences in the risk of ischemic stroke and peripheral embolism in atrial fibrillation: the AnTicoagulation and Risk factors In Atrial fibrillation (ATRIA) study.

AUTHORS » Fang MC , Singer DE , Chang Y , Hylek EM , Henault LE , Jensvold NG - [More](#)

JOURNAL » Circulation

YEAR » 2005

LINKS » Pubmed , DOI

This article is included in 2 Systematic Reviews

Primary Study

Predictive value of the HAS-BLED and ATRIA bleeding scores for the risk of serious bleeding in a "real-world" population with atrial fibrillation receiving anticoagulant therapy.

AUTHORS » Roldán V , Marín F , Fernández H , Manzano-Fernandez S , Gallego P , Valdés M - [More](#)

JOURNAL » Chest

YEAR » 2013

Information about healthy aging
that you can trust

 **REGISTER**



McMaster
OPTIMAL AGING PORTAL

[Home](#) [Events](#) [About](#) **[Citizens](#)** [Professionals](#) [Contact](#) [Help](#)

[Log In](#) [Register](#)

 **BACK TO CATEGORIES**

Other topics in health conditions

[Abnormal heart rhythms \(arrhythmia\)](#)

[Allergies](#)



[Alzheimer's and dementia](#)

[Arthritis and joint conditions](#)

[Back pain](#)

[Bladder, urinary and pelvic problems](#)



Alzheimer's and dementia

 Evidence Summary 

Exercise programs for people with dementia

★★★★★

Cochrane Database of Systematic Reviews (2015)

 Evidence Summary 

Efficacy and experiences of telephone counselling for informal carers of people with dementia

★★★★★