



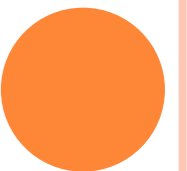
LJEKARNIČKA SKRB TEMELJENA NA DOKAZIMA

X. Savjetovanje farmaceuta, Šibenik 2012

Maja Ortner Hadžiabdić
Farmaceutsko-biokemijski fakultet

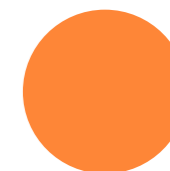
SADRŽAJ

- Zašto nam je potrebna farmacija temeljena na dokazima?
- Što je farmacija temeljena na dokazima i koji su koraci?
- Kako pronalaziti dokaze?



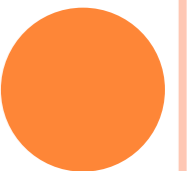
IZVORI INFORMACIJA

- Časopisi (stručni, znanstveni)
- Internet ????
- Stručni skupovi, kongresi, trajna edukacija
- Literatura (farmakoterapijski priručnik, kartoteka lijekova...)
- Informacije od stručnih suradnika
- Informacije od kolega



Zašto nam je potrebna farmacija temeljena na dokazima?

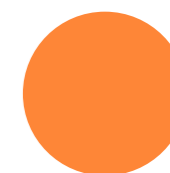
- “Informirani” pacijenti ???
- Odstupanja u kvaliteti informacija
- Količina informacija, mnogobrojni izvori



INFORMACIJE U BROJEVIMA

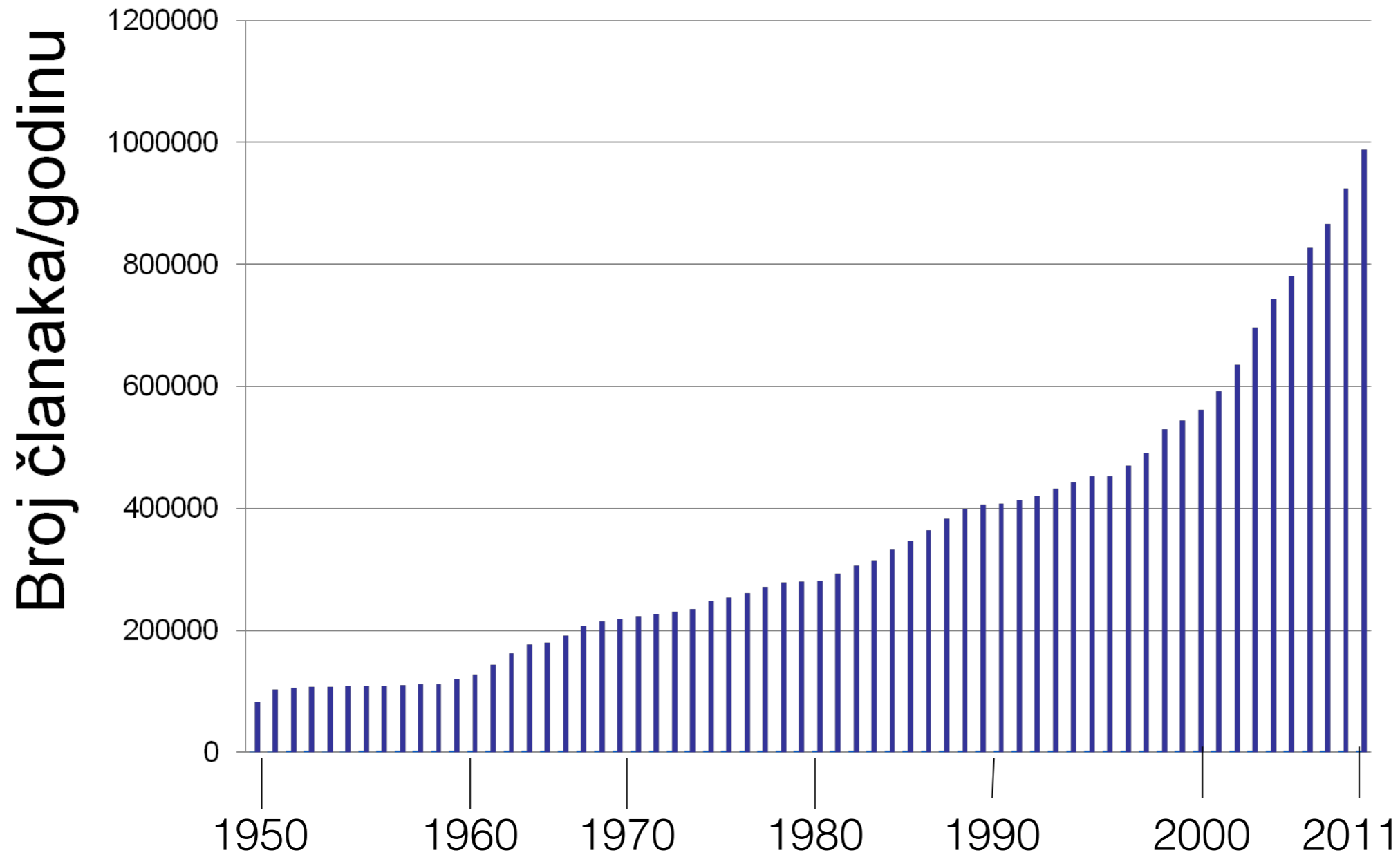
Pubmed/ Medline

- ukupno 21 milijun zapisa
- oko 1 milijun novih članaka / godišnje



Informacije u brojevima

Broj članaka/godinu na Pubmedu



MEDICINA TEMELJENA NA DOKAZIMA (EBM)

EBM je savjesna, nedvojbeno i promišljena primjena trenutno najboljih dokaza u donošenju odluka o skrbi za pojedine bolesnike.

Sackett D. et al. BMJ 1996; 312:71-72

EBM je proces sustavnog pronalaženja, prosudbe i korištenja suvremenih znanstvenih nalaza kao osnove za kliničke odluke.

Rosenberg W. et al. BMJ 1995

EBM je skup načela i postupaka čiji je cilj osigurati da su medicinske odluke, smjernice i druge mjere u najvećoj mogućoj mjeri zasnovane i u skladu s kvalitetnim dokazima o djelotvornosti i korisnosti.

Eddy D.M., Health Aff 2005



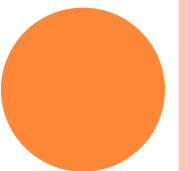
PRAKSA UTEMELJENA NA DOKAZIMA- 5 KORAKA

1. Postavljanje pitanja
2. Traženje znanstvenih dokaza
3. Krićka prosudba dokaza
4. Primjena znanstvenih nalaza u praksi
 - a) izravno
 - b) klinićeke smjernice
5. Vrednovanje (evaluacija)



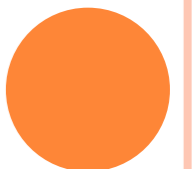
PRIMJER

- U ljekarnu dolazi žena od 52 godine, koja je kod Vas prije tri tjedna kupila Cimicifugu za tegobe uzrokovane klimakterijem. Ona je zabrinuta informacijom koju je pročitala da taj preparat ima loše djelovanje na jetru i pita što treba poduzeti i da li smije nastaviti sa uzimanjem Cimicifuge.



GDJE TRAŽITI ODGOVORE?

- Udžbenici/ knjige/ priručnici
- Originalni znanstveni članci
- Internet ?!!!
- Baze podatka
 - Bibliografske baze (MEDLINE/Pubmed, Embase...)
 - Cochrane library
 - Bandolier
 - Clinical Evidence





cimicifuga



Sign in

Search

About 1,130,000 results (0.25 seconds)



Everything

Images

Maps

Videos

News

Shopping

More

All results

Sites with images

More search tools

[Cimicifuga - Wikipedia, the free encyclopedia](#)en.wikipedia.org/wiki/Cimicifuga

Cimicifuga (bugbane or cohosh) is a genus of between 12-18 species of flowering plants belonging to the family Ranunculaceae, native to temperate regions of ...

[Actaea racemosa - Wikipedia, the free encyclopedia](#)en.wikipedia.org/wiki/Actaea_racemosa

Actaea racemosa (black cohosh, black bugbane, black snakeroot, fairy candle; syn. **Cimicifuga racemosa**) is a plant of the buttercup family (Ranunculaceae).

[Images for cimicifuga - Report images](#)[Cimicifuga Racemosa - Homeopathic Remedies](#)abchomeopathy.com/r.php/Cimic

Overview of **Cimicifuga Racemosa** (Cimic) as a homeopathic remedy.

[Black cohosh \(Cimicifuga racemosa \[L.\] Nutt.\) - MayoClinic.com](#)www.mayoclinic.com/health/black-cohosh/NS_patient-blackcohosh

1 Oct 2011 - Black cohosh (**Cimicifuga racemosa** [L.] Nutt.) Black cohosh is popular as an alternative to hormonal therapy in the treatment of menopausal ...

[Cimicifuga \(Actaea racemosa\)](#)gardening.about.com/od/.../ig/.../Cimicifuga-Actaea-racemosa-.htm

Few plants, shade or sun, offer the drama a mature **Cimicifuga** can provide. The tall, spiky flower plumes, echoed below by the *Astilbe*, direct the eye upward ...

[Cimicifuga, Bugbane](#)www.daytonnursery.com/encyclopedia/perennials/cimicifuga.htm

10+ items - **Cimicifuga** is a wonderfully lacy, airy backdrop in the garden.

Common Name Bugbane, Black Snakeroot

Soil Preference Performs best in partial shade and moist, organically ...

[\[PDF\] Cimicifuga elata](#)www1.dnr.wa.gov/nhp/refdesk/fguide/pdf/ciel.pdf

File Format: PDF/Adobe Acrobat - [Quick View](#)


Cimicifuga elata Nutt. ... Identification Tips: **Cimicifuga elata** is a distinctively tall under-story plant ... **Cimicifuga** has a 3-6 foot tall flowering stem, with small white ...

[\[PDF\] Cimicifuga Racemosa](#)www.thorne.com/altmedrevl/fulltext/8/2/186.pdf

File Format: PDF/Adobe Acrobat - [Quick View](#)

Black cohosh, known botanically as **Cimicifuga racemosa** (also as *Actaea racemosa* and *Actea macrotyis*), has been used by Native Ameri- cans and Europeans ...



cimicifuga, hepatotoxicity 



Prijavite se 

Pretraživanje

Oko 112.000 rezultata (0,34 sek)



Sve

[Hepatotoxicity of the phytomedicines Kava Kava and Cimicifuga ...](#)

[edoc.unibas.ch/327/](#) - Prevedi ovu stranicu

Slike

autor: S Lüde - 2005 - Spominje se 1 puta - Srodni članci

Videozapisi

13 Feb 2009 – In this thesis the **hepatotoxic** properties of the two phytomedicines kava kava and **cimicifuga racemosa** have been investigated. This topic is a ...

Više

[black cohosh \(cimicifuga racemosa\) and hepatotoxicity - General ...](#)

[www.gpnotebook.co.uk/simplepage.cfm?ID...](#) - Prevedi ovu stranicu

Zagreb

black cohosh (**cimicifuga racemosa**) and **hepatotoxicity**. You have 3 open access pages left. Click to find out about FREE subscriptions.

Promijeni lokaciju

Web

[\[PDF\] Consuming a Special Cimicifuga racemosa rhizome Herbal](#)

[downloads.hindawi.com/journals/.../821392.pdf](#) - Prevedi ovu stranicu

Stranice napisane na hrvatskom

Format datoteke: PDF/Adobe Acrobat - Brzi prikaz

Stranice iz zemlje Hrvatska

autor: F Firenzuoli - 2011 - Spominje se 8 puta - Srodni članci

Prevedene stranice na stranim jezicima

alert to get European sanitary authorities aware of 42 cases of suspected **hepatotoxic** reactions in patients consuming **Cimicifuga racemosa** rhizome.

Više alata

[\[PDF\] CIMICIFUGA AR - Rev 1](#)

[www.ema.europa.eu/ema/.../open_document.jsp...](#) - Prevedi ovu stranicu

Format datoteke: PDF/Adobe Acrobat - Brzi prikaz

13 Jul 2006 – relevance in the assessment of **cimicifuga**-related **hepatotoxicity**. It should be highlighted that the RUCAM Score might change if information ...

[Hepatotoxicity from Cimicifuga Racemosa ? Recent Australian Case ...](#)

[www.deepdye.com/.../hepatotoxicity-from-cimi...](#) - Prevedi ovu stranicu

(Whiting et al., 2002) regarding suspected cases of **hepatotoxicity** from **Cimicifuga racemosa** published in the Medical Journal of Australia caused a great deal of ...

[Black cohosh \(Cimicifuga Racemosa\) & hepatotoxicity](#)

[www.hsa.gov.sg > ... > Product Safety Alerts > 2006](#) - Prevedi ovu stranicu

2 Jul 2010 – Black cohosh (**Cimicifuga racemosa**), a perennial plant that is native to North America is generally used to assist in the relief of the symptoms of ...





PubMed

PubMed comprises more than 21 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.

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](#)
[LinkOut](#)

You are here: [NCBI](#) > [Literature](#) > [PubMed](#)

[Write to the Help Desk](#)

GETTING STARTED

[NCBI Education](#)
[NCBI Help Manual](#)
[NCBI Handbook](#)
[Training & Tutorials](#)

RESOURCES

[Chemicals & Bioassays](#)
[Data & Software](#)
[DNA & RNA](#)
[Domains & Structures](#)
[Genes & Expression](#)
[Genetics & Medicine](#)
[Genomes & Maps](#)
[Homology](#)
[Literature](#)
[Proteins](#)
[Sequence Analysis](#)
[Taxonomy](#)
[Training & Tutorials](#)
[Variation](#)

POPULAR

[PubMed](#)
[Nucleotide](#)
[BLAST](#)
[PubMed Central](#)
[Gene](#)
[Bookshelf](#)
[Protein](#)
[OMIM](#)
[Genome](#)
[SNP](#)
[Structure](#)

FEATURED

[Genetic Testing Registry](#)
[PubMed Health](#)
[GenBank](#)
[Reference Sequences](#)
[Map Viewer](#)
[Human Genome](#)
[Mouse Genome](#)
[Influenza Virus](#)
[Primer-BLAST](#)
[Sequence Read Archive](#)

NCBI INFORMATION

[About NCBI](#)
[Research at NCBI](#)
[NCBI Newsletter](#)
[NCBI FTP Site](#)
[NCBI on Facebook](#)
[NCBI on Twitter](#)
[NCBI on YouTube](#)



PubMed cimicifuga

Search

RSS Save search Limits Advanced

Help

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to:

Filter your results:

Limits removed.

- All (475)
- Free Full Text (65)
- Review (73)

Manage Filters

Results: 1 to 20 of 475

<< First < Prev Page 1 of 24 Next > Last >>

1. One new and six known triterpene xylosides from Cimicifuga racemosa: FT-IR, Raman and NMR studies and DFT calculations.

Jamróz MK, Jamróz MH, Cz Dobrowolski J, Gliński JA, Gleńsk M. Spectrochim Acta A Mol Biomol Spectrosc. 2012 Jul;93:10-8. Epub 2012 Mar 10. PMID: 22465763 [PubMed - in process] Related citations

2. Oral administration of Cimicifuga racemosa extract attenuates immobilization stress-induced reactions.

Nadaoka I, Watanabe K, Yasue M, Sami M, Kitagawa Y, Mimaki Y. Nat Prod Commun. 2012 Jan;7(1):15-8. PMID: 22428232 [PubMed - indexed for MEDLINE] Related citations

3. Efficacy of Cimicifuga racemosa, Hypericum perforatum and Agnus castus in the treatment of climacteric complaints: a systematic review.

Laakmann E, Grajecki D, Doege K, Eulenburg CZ, Buhling KJ. Gynecol Endocrinol. 2012 Mar 2. [Epub ahead of print] PMID: 22385322 [PubMed - as supplied by publisher] Related citations

4. [Study on fingerprint chromatograms of extract of cimicifugae rhizoma].

Jin B, Liu Y, Chen H, Peng Y, Zhao Y. Zhongguo Zhong Yao Za Zhi. 2011 Dec;36(24):3475-9. Chinese. PMID: 22368860 [PubMed - indexed for MEDLINE]

Find related data

Database: Select

Find items

Search details

"cimicifuga"[MeSH Terms] OR "cimicifuga" [All Fields]

Search

See more...

Recent activity

Turn Off Clear

cimicifuga AND ((Clinical Trial[ptyp] OR Meta-Analysis[ptyp])) (52 PubMed)



PubMed Cimicifuga AND Hepatotoxicity

Search

RSS Save search Limits Advanced

Help

Display Settings: Summary, 20 per page, Sorted by Recently Added

Send to:

Filter your results:

Limits removed.

- All (20)
- Free Full Text (2)
- Review (7)

Manage Filters

Results: 20

1. [Spontaneous reports of assumed herbal hepatotoxicity by black cohosh: is the liver-unspecific Naranjo scale precise enough to ascertain causality?](#)

Teschke R, Schmidt-Taenzer W, Wolff A.
 Pharmacoepidemiol Drug Saf. 2011 Jun;20(6):567-82. doi: 10.1002/pds.2127.
 PMID: [21702069](#) [PubMed - indexed for MEDLINE]
[Related citations](#)

2. [Herb induced liver injury presumably caused by black cohosh: a survey of initially purported cases and herbal quality specifications.](#)

Teschke R, Schwarzenboeck A, Schmidt-Taenzer W, Wolff A, Hennermann KH.
 Ann Hepatol. 2011 Jul-Sep;10(3):249-59. Review.
 PMID: [21677326](#) [PubMed - indexed for MEDLINE] **Free Article**
[Related citations](#)

3. [Black Cohosh Hepatic Safety: Follow-Up of 107 Patients Consuming a Special Cimicifuga racemosa rhizome Herbal Extract and Review of Literature.](#)

Firenzuoli F, Gori L, Roberti di Sarsina P.
 Evid Based Complement Alternat Med. 2011;2011:821392. Epub 2010 Dec 23.
 PMID: [21660145](#) [PubMed] **Free PMC Article**
[Related citations](#)

4. [NMR-based metabonomic approach on the toxicological effects of a Cimicifuga triterpenoid.](#)

He CC, Dai YQ, Hui RR, Hua J, Chen HJ, Luo QY, Li JX.
 J Appl Toxicol. 2012 Feb;32(2):88-97. doi: 10.1002/jat.1622. Epub 2011 Mar 20.

Find related data

Database: Select

Find items

Search details

("cimicifuga"[MeSH Terms] OR "cimicifuga"
 [All Fields]) AND Hepatotoxicity[All Fields]

Search

See more...

Recent activity

Turn Off Clear

Cimicifuga AND Hepatotoxicity
 AND ((Clinical Trial[ptyp] OR PubMed



PubMed Cimicifuga AND Hepatotoxicity

Search

Advanced

Help

Limits

Dates

Published in the Last: Any date

Type of Article

- Clinical Trial
- Editorial
- Letter
- Meta-Analysis

Languages

- English
- French
- German
- Italian

Species

- Humans
- Animals

Sex

- Male
- Female

Subsets

- AIDS
- Bioethics
- Cancer
- Complementary Medicine

Ages

- All Infant: birth-23 months
- All Child: 0-18 years
- All Adult: 19+ years
- Newborn: birth-1 month

Text Options

- Links to full text
- Links to free full text

Search Field Tags

Field: All Fields



PubMed Cimicifuga AND Hepatotoxicity

Search

RSS Save search Limits Advanced

Help

Display Settings: Abstract

Send to:



Limits Activated: Clinical Trial, Meta-Analysis, Randomized Controlled Trial

Menopause. 2011 Apr;18(4):366-75.

Suspected black cohosh hepatotoxicity: no evidence by meta-analysis of randomized controlled clinical trials for isopropanolic black cohosh extract.

Naser B, Schnitker J, Minkin MJ, de Arriba SG, Nolte KU, Osmers R. Schaper & Brümmer GmbH & Co. KG, Salzgitter, Germany. belal.naser@schaper-bruemmer.de

Abstract

OBJECTIVE: Black cohosh, a popular herbal treatment for menopausal symptoms, has been implicated in a number of hepatotoxicity case reports. The purpose of this investigation was to analyze data gained from clinical trials on the effect of black cohosh on liver function.

METHODS: A meta-analysis of randomized, double-blind, and controlled clinical trials was conducted. These studies primarily evaluated the efficacy and safety of the isopropanolic black cohosh extract (iCR) in perimenopausal and postmenopausal women. Raw data on liver function values of aspartate aminotransferase, alanine aminotransferase, and gamma-glutamyltranspeptidase were considered in this analysis, if these data at baseline and after 3 to 6 months of treatment were available. Standard methods of descriptive statistics were used in this analysis.

RESULTS: Five studies involving a total of 1,117 women were included in the meta-analyses. A total of 1,020 women (test population=517 and reference population=503) completed the studies. Perimenopausal and postmenopausal women (40-60 y) were treated daily with iCR (corresponding to 40-128 mg drug) for 3 to 6 months. The meta-analyses of the standardized mean differences in the "test" versus "reference" showed no significant effects and no differences between double-blind, placebo-controlled and other trials. The overall fixed effect +/- SEM was 0.055 +/- 0.062 (P=0.37) for aspartate aminotransferase and 0.063 +/- 0.062 (P=0.31) for alanine aminotransferase. The nonsignificant effects concerned the overall analyses of all included studies as well as the proportion of placebo-controlled studies.

CONCLUSIONS: The results of this meta-analysis of five randomized, double-blind, and controlled clinical trials showed no evidence that iCR has any adverse effect on liver function.

Save items

Favorite

Related citations in PubMed

Efficacy and safety of isopropanolic black cohosh ext [Obstet Gynecol. 2005]

Review Black cohosh (Cimicifuga racemosa) for m [Pharmacol Res. 2008]

Efficacy and tolerability of a medicinal product containing an i [Maturitas. 2007]

Review [Efficacy and safety of Black cohosh (Actaea/Cimi [Ginekol Pol. 2008]

Review Black cohosh: an alternative therapy for menop [Nutr Clin Care. 2002]

See reviews...

See all...

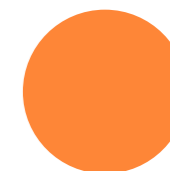
Related information

Related Citations

Substance (MeSH Keyword)

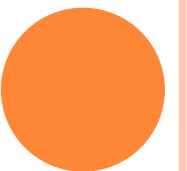
GDJE JOŠ TRAŽITI PODATKE?

- Udžbenici/ knjige/ priručnici
- Internet ?!!!
- Originalni znanstveni članci
- Baze podatka
 - Bibliografske baze (MEDLINE/Pubmed, Embase...)
 - Cochrane library
 - Bandolier
 - Clinical Evidence
 - **Kliničke smjernice za pojedinu bolest**



KLINIČKE SMJERNICE (CLINICAL GUIDELINES)

- preporuke kako postupiti u liječnju pojedinog bolesnika ili skupine bolesnika
- izradba smjernica danas je čvrsto povezana s medicinom utemeljenom na dokazima
 - www.guideline.gov -National Guideline Clearinghouse (NGC)
 - NICE Gudelines, SIGN Guidelines



Srijeda, 21. listopada 2009. | 9:42

HRVATSKA LJEKARNIČKA KOMORA

www.hljk.hr

Ljekarništvo i lijekovi > Smjernice

KOMORA

O KOMORI

USTROJ KOMORE

GLAVNA SKUPŠTINA

VIJEĆE KOMORE

IZVRŠNI ODBOR KOMORE

ZAMJENIK PREDSJEDNIKA
KOMORE

PODRUČNA VIJEĆA

PREDSJEDNIK KOMORE

NADZORNI ODBOR

STEGOVNI SUD

KOMISIJA ZA ŽALBE

POVJERENSTVA

URED KOMORE

OPĆI AKTI KOMORE

STRUČNO USAVRŠAVANJEODOBRENJE ZA SAMOSTALAN
RADŠTAŽIRANJE MAGISTARA
FARMACIJE

NAJAVE STRUČNIH PREDAVANJA

SPECIJALIZACIJE ZA MAGISTRE
FARMACIJE**Smjernice****SMJERNICE U LIJEČENJU KARDIOVASKULARNIH BOLESTI**

- **Dijagnostika i liječenje obliterirajuće aterosklerotske bolesti donjih ekstremiteta**, *American College of Cardiology, American Heart Association*
- **Smjernice za perkutane koronarne intervencije** *Europskog kardiološkog udruženja*
- **Smjernice za dijagnostiku i liječenje akutnoga zatajivanja srca**, *European Society of Cardiology*
- **Smjernice za dijagnostiku i liječenje kroničnoga zatajivanja srca**, *European Society of Cardiology*
- **Smjernice za dijagnostiku i liječenje arterijske hipertenzije**, *European Society of Hypertension, Hrvatsko društvo za hipertenziju, Hrvatsko kardiološko društvo*

Više informacija možete pronaći na www.kardio.hr**SMJERNICE U LIJEČENJU ŠEĆERNE BOLESTI**

U Hrvatskoj ne postoje smjernice za regulaciju šećerne bolesti nego se okvirno koriste smjernice sjedećih društava:

- [International Diabetes Federation](#)
- [American Diabetes Association](#)

SMJERNICE U LIJEČENJU ASTMEU Hrvatskoj su u potpunosti preuzete europske *GINA smjernice (Global Initiative for Asthma)* koje je potvrdilo *Hrvatsko Pulmološko*

Pretraga



TRAŽI

Anketa



Smatrate li da HLJK treba organizirati tim ljekarnika za pomoć u ugroženim područjima naše zemlje i svijeta (više o tome pročitajte u dokumentu *Prijedlog o organiziranju tima ljekarnika za krizna stanja pod rubrikom vijesti*)?

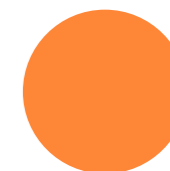
 Da Ne

Da li bi bili voljni raditi u takvom timu?

 Da Ne

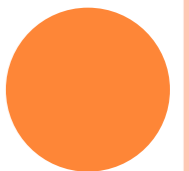
GDJE JOŠ TRAŽITI PODATKE?

- Udžbenici/ knjige/ priručnici
- Internet ?!!!
- Originalni znanstveni članci
- Baze podatka
 - Bibliografske baze (MEDLINE/Pubmed, Embase...)
 - Cochrane library
 - Bandolier
 - Clinical Evidence
- Kliničke smjernice za pojedinu bolest
- Interakcije lijekova
 - Lexicomp, Stockely, Micromedex



PRAKSA UTEMELJENA NA DOKAZIMA- 5 KORAKA

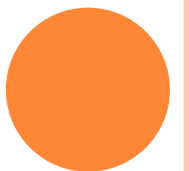
1. Postavljanje pitanja
2. Traženje znanstvenih dokaza
3. Krićka prosudba dokaza
4. Primjena znanstvenih nalaza u praksi
 - a) izravno
 - b) kliniće smjernice
5. Vrednovanje (evaluacija)



KRITIČKA PROCJENA DOKAZA

3 ključna pitanja:

- **ISPRAVNOST/ VALJANOST**
 - Jesu li rezultati studije ispravni?
- **ZNAČAJNOST**
 - Koji su rezultati i što znače?
- **RELEVANTNOST**
 - Mogu li rezultati studije poslužiti u slučaju mog pacijenta



Parachute use to prevent death and major trauma related to gravitational challenge: systematic review of randomised controlled trials

Gordon C S Smith, Jill P Pell

Abstract

Objectives To determine whether parachutes are effective in preventing major trauma related to gravitational challenge.

Design Systematic review of randomised controlled trials.

Data sources: Medline, Web of Science, Embase, and the Cochrane Library databases; appropriate internet sites and citation lists.

Study selection: Studies showing the effects of using a parachute during free fall.

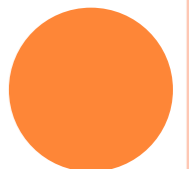
Main outcome measure Death or major trauma, defined as an injury severity score > 15 .

Results We were unable to identify any randomised controlled trials of parachute intervention.

Conclusions As with many interventions intended to prevent ill health, the effectiveness of parachutes has not been subjected to rigorous evaluation by using randomised controlled trials. Advocates of evidence based medicine have criticised the adoption of interventions evaluated by using only observational data. We think that everyone might benefit if the most radical protagonists of evidence based medicine organised and participated in a double blind, randomised, placebo controlled, crossover trial of the parachute.

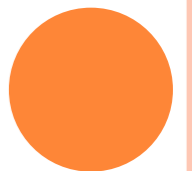
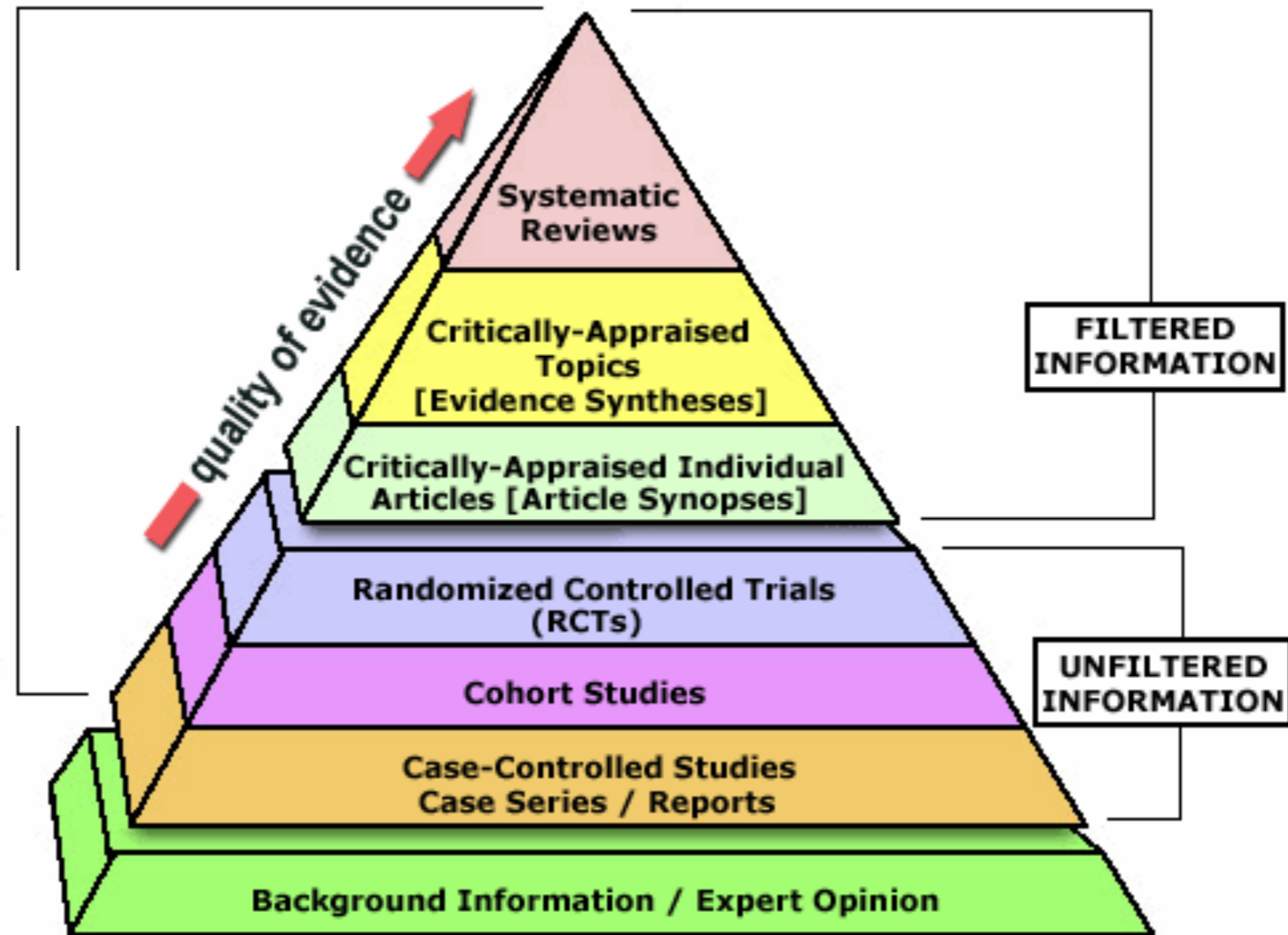


Parachutes reduce the risk of injury after gravitational challenge, but their effectiveness has not been proved with randomised controlled trials



DVA TEMELJNA NAČELA-

NAČELO 1: HIJERARHIJA DOKAZA



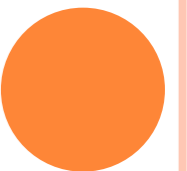
DVA TEMELJNA NAČELA-

NAČELO 2

- **KONAČNA ODLUKA=**
Znanstveni dokaz + znanje, iskustvo i vještine

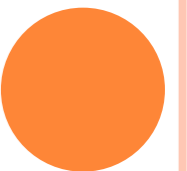
Sacket i sur.:

- “...nema dogmatskog pristupa, jer oslanjanje samo na znanstveni dokaz ili samo na kliničko iskustvo, ne osigurava kvalitetnu praksu.”



NEKE PREPORUKE

- Pronalaziti dokaze kako bi odgovorili na svoja pitanja iz prakse
- Grupna diskusija
- Čitati neki od znanstvenih časopisa



Reference:

<http://www.ncbi.nlm.nih.gov/pubmed/>

<http://www.medicine.ox.ac.uk/bandolier/>

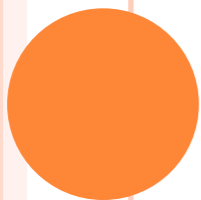
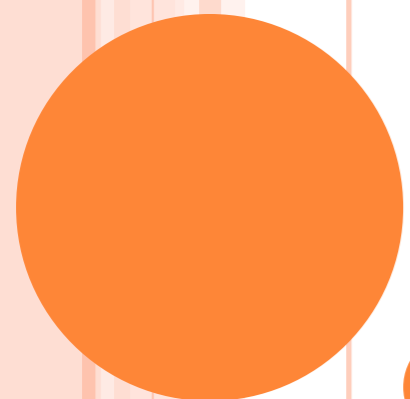
<http://www.hljk.hr/Ljekarništvoilijekovi/Smjernice/tabid/73/Default.aspx>

<http://www.thecochranelibrary.com/view/0/index.html>

<http://clinicalevidence.bmj.com/x/index.html>

<http://dynamed.ebscohost.com/>

<http://www.interakcije.com/lexicomp/>



HVALA !