Cochrane and Wikipedia:
Improve online health-related information accessed by billions of people each year

Jennifer Dawson, PhD
Wikipedia Consultant for Cochrane

I have no actual or potential conflict of interest in relation to this presentation.

Trusted evidence.
Informed decisions.
Better health.

Cochrane

Contents

01 Health-Related content on Wikipedia: Why share evidence on Wikipedia?

02 Cochrane-Wikipedia Initiative

03 How to get involved: Cochrane-Wikipedia Project Page

04 Cochrane Wikipedia Projects

05 Cochrane France: Improving French Wikipedia with Cochrane Evidence

06 Cochrane Musculoskeletal Wikipedia Project

07 Future Directions

08 Question Period

Cochrane

Wikipedia and Medicine

- 211,552 medical articles, 274 languages
  - Individual articles: 1000+ views/day
  - Wikipedia > WHO, NIH, CDC
  - 2.2 billion views/year (2018 (English Wikipedia)

Cochrane

Wikipedia Weekly Snapshot

Wikipedia Article	July 1-8 Weekly Article Views
Lyme Disease	**64,804**
Ketogenic Diet	62,000
Cannabidiol	57,000
Necrotizing fasciitis	**51,000**
Fentanyl	**43,000**
Crohn's Disease	40,000
Pneumonia	36,000
Measles	**21,000**
Tinnitus	**21,000**
Melanoma	18,000
Multiple Sclerosis	8,505

Cochrane

Goal of the Cochrane-Wikipedia Initiative:

Share knowledge and improve what people are accessing on Wikipedia

WP:Cochrane

https://en.wikipedia.org/wiki/Wikipedia:WikiProject_Medicine/Cochrane

Wikipedia:WikiProject Medicine/Cochrane

From Wikipedia, the free encyclopedia
< Wikipedia:WikiProject Medicine

Welcome | Getting Started | NEW! TRAINING RESOURCE | Cochrane Reviews on Wikipedia | Cochrane Update Project | Blogs | Other Projects | Cochrane Library | Wikipedia Research | Archive | Questions

The Cochrane Wikipedia Partnership: Project Page

The Cochrane Wikipedia Partnership

Cochrane has a commitment to producing and sharing high quality health evidence to as broad an audience as possible. As a way of achieving this, Cochrane has a partnership with Wikipedia with a view to improving th reliable secondary sources such as recent Cochrane Systematic Reviews to help improve the reliability of freely available health information.

The initiative, that started in 2014, supports the inclusion of relevant evidence within all Wikipedia medical articles, as well as processes to help ensure that medical information included in Wikipedia is of the highest quality based research can help people to make informed decisions about their own health care.

We welcome all who want to help improve the evidence base of medical articles in Wikipedia. Whether you are a new to Wikipedia and Cochrane, or you are a seasoned Wikipedian or Cochrane contributor.

How can I get involved?

There are many ways to get involved, including adding new Cochrane evidence to Wikipedia and keeping evidence up to date on Wikipedia.

- **Add New Evidence to Wikipedia:** Choose a Cochrane Review from our list of Reviews that are not yet in Wikipedia (or from the Cochrane Library) > find a place in Wikipedia where this evidence will help improve the words using terminology that can be understood by people who are not in the field > click "edit" and add the evidence (with the Cochrane citation) to Wikipedia > Press submit.
- **Keeping Cochrane on Wikipedia up to date**: Cochrane-Wikipedia update project (please see the project page for more information)

Who is Cochrane?

We are a global independent network of researchers, professionals, patients, carers, and people interested in health.

Cochrane contributors - 37,000 from more than 130 countries - work together to produce credible, accessible health information that is free from commercial sponsorship and other conflicts of interest. Many of our contribu health policy, research methodology, or consumer advocacy - and our groups are situated in some of the world's most respected academic and medical institutions.

How does Cochrane work?

Cochrane-Wikipedia Project: Getting Started
Use Cochrane Reviews to improve the quality of Wikipedia's health related articles

Link: Step by step training resource for new Wikipedians!

Link: Create a Wikipedia account

Link: Introduction to Medical Editing Cheat Sheet

General Workflow: [edit]

Step 1:
Choose a Cochrane Review that has not yet been added to Wikipedia in your area of expertise

Cochrane Reviews on Wikipedia

Step 2:
Determine a potential Wikipedia article where the conclusions of the Cochrane Review may help improve the article.

Step 3:
Open the potential Wikipedia article and find a place for these conclusions (verify that the evidence is not already in the article).

Step 4:
Paraphrase (re-word) the relevant evidence into the Wikipedia article.

Step 5:
Add the citation using the PMID or DOI.

How to add citations

If you are not sure that your edit is appropriate, please post your suggestions on the "talk page" of your Wikipedia article and wait for feedback from the community first before editing directly.

Completing this task:

- After you add a review to an article, add {{done}} to put a check (✓ **Done**) mark before the PMID on the project page beside the article name
- If you are working on an edit or waiting for community feedback, add {{Inprogress}} **In progress** before the PMID

Editing Wikipedia articles on

Medicine

Editing Wikipedia can be daunting for newbies, especially if you're contributing to Wikipedia for the first time as a class assignment. This guide is designed to assist students who have been assigned to contribute biomedical-related content to Wikipedia. Here's what other editors will expect you to know.

Be accurate

You're editing a resource millions of people use to make medical decisions, so it's vitally important to be accurate. Wikipedia is used more for medical information than the websites for WebMD, NIH, and the WHO. But with great power comes great responsibility!

Understand the guidelines

Wikipedia editors in the medicine area have developed additional guidelines to ensure that the content on Wikipedia is medically sound. Take extra time to read and understand these guidelines. When you edit an article, ensure your changes meet these special requirements. If not, your work is likely to be undone by other editors as they clean up after you. That takes valuable volunteer time away from creating content. If you're not comfortable working under these guidelines, talk to your instructor about an alternative off-wiki assignment.

Engage with editors

Part of the Wikipedia experience is receiving and responding to feedback from other editors. Do not submit your content on the last day, then leave Wikipedia! Real human volunteers from the Wikipedia community will likely read and respond to it, and it would be polite for you to acknowledge the time they volunteer to polish your work! Everything submitted to Wikipedia is reviewed by multiple, real humans! You may not get a comment, but if you do, please acknowledge it.

Watch out for close paraphrasing

Plagiarizing or close paraphrasing is never okay on Wikipedia and is a violation of your university's academic honor code. It's even worse on Wikipedia, as valuable volunteer time that could be used to create good content is instead used to clean up plagiarized work.

If you plagiarize or too closely paraphrase on Wikipedia, it is extremely likely that you'll be caught by other editors and there will be an online record of your plagiarism tied to your permanent online record.

Note that even educational materials from organizations like the WHO and abstracts of articles in PubMed are under copyright and cannot be copied. Write them in your own words whenever possible. If you aren't clear on what close paraphrasing is, visit your university's writing center.

Scared? Don't be!

Everybody on Wikipedia wants to make the best encyclopedia they can. Take the time to understand the rules, and soon you'll be contributing to a valuable resource you use on a daily basis!

Wiki Edu

Suggested first steps for getting started: [edit]

Step 1: Create your Wikipedia user name and register on your group Dashboard.

- **Create a Wikipedia account**
- Click **Here** for a list of Cochrane Project Dashboards.
- By adding adding yourself to your group "dashboard", this allows us to track the initiative and follow your progress and article improvements.

Step 2: Getting Started! To learn how to edit Wikipedia see Getting Started for a list of online tutorials and tools to learn how to edit Wikipedia.

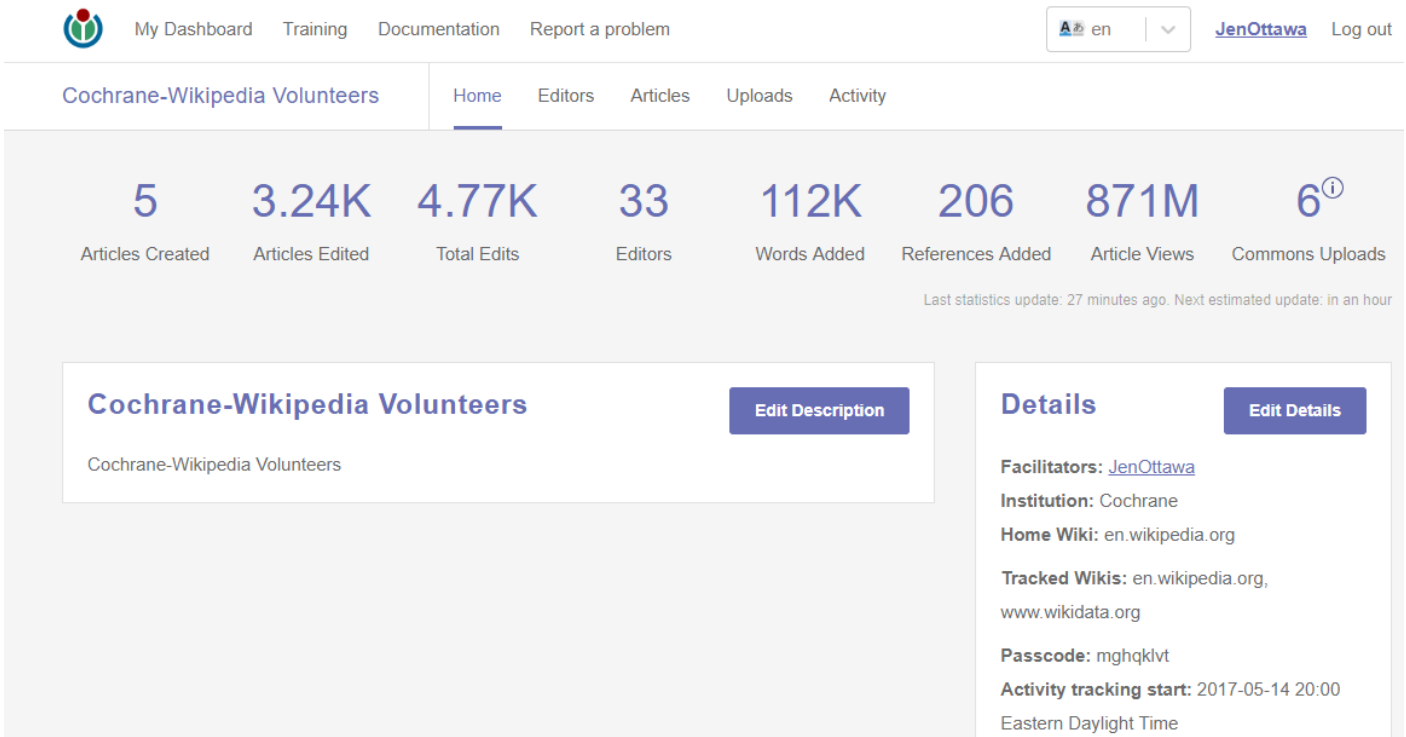
- This resource includes an introductory video and a **"cheat sheet"** that many new Wikipedia editors find helpful when transiting between academic style of writing and encyclopedia style (for Wikipedia).

Step 3: Create your personal "user page"

- This introduces you to the Wikipedia community (WP:MED) and lets them know why you are here
- Disclose any potential conflict of interest (COI) on your userpage. e.g.: I am a student working with (insert your affiliation). My goal is to improve ___(insert)___-related Wikipedia articles with paraphrased content from Cochrane Reviews and other high quality reliable sources.
- Here is an example of my personal **JenOttawa** user page. You do not have to disclose your personal identity.

Cochrane

Dashboard



Cochrane

Practice editing Wikipedia [edit]

Tip 1: Ensure you are logged on to Wikipedia.

Tip 2: Practice in your Sandbox first.

- Wikipedia has a "practice area" called your "sandbox" (see tab on top left while logged in to Wikipedia). This is a great place to practicing clicking the "edit" button, adding references (via the citation button) etc. This information does not go into Wikipedia articles or to search engines.
- Go "play in your sandbox"- practice adding a citation etc first before editing Wikipedia (Help:My_sandbox)

Tip 3: Start small!

- Develop your Wikipedia editing skills by starting with small edits.
- Suggestions:

  a. Read a Wikipedia article in your field and try to correct a few typos or improve the readability/neutrality.

  b. Work up to adding in a new reference to support an existing sentence in a Wikipedia article (be sure to read WP:MEDRS or at least my cheat sheet to make sure that the content you are adding is appropriate as per Wikipedia's Guideline for Reliable Sources).

Cochrane

How to Contribute

1. Add new Cochrane Evidence to Wikipedia
2. Quality Control:
   a) Verify evidence already on Wikipedia
   b) Update Cochrane Reviews on Wikipedia
3. Wikipedia in other languages
4. Publish a Wikipedia article: WikiJournal of Medicine

Cochrane

1. Add Cochrane Evidence

Networks	Cochrane Review Group	Total # of Reviews	# in Wikipedia	% Coverage	Link to List of Cochrane Reviews not yet added to Wikipedia Reviews to consider adding to Wikipedia articles
Cochrane Musculoskeletal, Oral, Skin and Sensory Wikipedia Project Page Reviews already on Wikipedia Project Page	Back and Neck Group	69	36	52%	Reviews not yet on Wikipedia: Back and Neck
	Ears Nose and Throat Group	116	53	46%	Reviews not yet on Wikipedia: ENT
	Eyes and Vision Group	206	122	59%	Reviews not yet on Wikipedia: Eyes and Vision
	Musculoskeletal Group	201	174	87%	Reviews not yet on Wikipedia: Musculoskeletal
	Oral Health Group	159	100	63%	Reviews not yet on Wikipedia: Oral Health
	Pain, Palliative and Supportive Care Grou	264	129	49%	Reviews not yet on Wikipedia: Pain, palliative and support care
	Skin Group	103	80	78%	Reviews not yet on Wikipedia: Skin
	Wounds Group	151	65	43%	Reviews not yet on Wikipedia: Wounds

Cochrane

Musculoskeletal Group [edit]

Assistive devices, hip precautions, environmental modifications and training to prevent dislocation and improve function after hip arthroplasty PMID 27374001 https://doi.org/10.1002/14651858.CD010815.pub2

✓ **Done**Balance training (proprioceptive training) for patients with rheumatoid arthritis PMID 20464755 https://doi.org/10.1002/14651858.CD007648.pub2

Calcitonin for preventing and treating corticosteroid-induced osteoporosis PMID 10796457 https://doi.org/10.1002/14651858.CD001983

Withdrawn Calcium supplementation on bone loss in postmenopausal women PMID 17636765 https://doi.org/10.1002/14651858.CD004526.pub3

Exercise for acutely hospitalised older medical patients PMID 17253572 https://doi.org/10.1002/14651858.CD005955.pub2

Exercise therapy in juvenile idiopathic arthritis PMID 18425929 https://doi.org/10.1002/14651858.CD005954.pub2

Home versus center based physical activity programs in older adults PMID 15674925 https://doi.org/10.1002/14651858.CD004017.pub2

Image-guided versus blind glucocorticoid injection for shoulder pain PMID 22895984 https://doi.org/10.1002/14651858.CD009147.pub2

Interventions to improve adherence to exercise for chronic musculoskeletal pain in adults PMID 20091582 https://doi.org/10.1002/14651858.CD005956.pub2

Methotrexate monotherapy and methotrexate combination therapy with traditional and biologic disease modifying anti-rheumatic drugs for rheumatoid arthritis: A network meta-analysis PMID 27571502 https://doi.org/10.1002/14651858.CD010227.pub2

Methotrexate monotherapy versus methotrexate combination therapy with non-biologic disease modifying anti-rheumatic drugs for rheumatoid arthritis PMID 20393970 https://doi.org/10.1002/14651858.CD008495

Moderate-term, low-dose corticosteroids for rheumatoid arthritis PMID 10796420 https://doi.org/10.1002/14651858.CD001158

✓ **Done** Multidisciplinary rehabilitation for fibromyalgia and musculoskeletal pain in working age adults PMID 10796458 https://doi.org/10.1002/14651858.CD001984

✓ **Done** Multidisciplinary rehabilitation programmes following joint replacement at the hip and knee in chronic arthropathy PMID 18425906 https://doi.org/10.1002/14651858.CD004957.pub3

Operative and non-operative treatment options for dislocation of the hip following total hip arthroplasty PMID 17054252 https://doi.org/10.1002/14651858.CD005320.pub2

Orthotic devices for the treatment of lateral elbow pain PMID 11406011 https://doi.org/10.1002/14651858.CD001821

Pharmacotherapy for Behcet's syndrome PMID 10796413 https://doi.org/10.1002/14651858.CD001084

Posterior versus lateral surgical approach for total hip arthroplasty in adults with osteoarthritis PMID 16856020 https://doi.org/10.1002/14651858.CD003828.pub3

Post-operative therapy for metacarpophalangeal arthroplasty PMID 18254021 https://doi.org/10.1002/14651858.CD003522.pub2

Processed versus fresh frozen bone for impaction bone grafting in revision hip arthroplasty PMID 19821362 https://doi.org/10.1002/14651858.CD006351.pub2

Professional interventions for general practitioners on the management of musculoskeletal conditions PMID 27150167 https://doi.org/10.1002/14651858.CD007495.pub2

Self-management education programmes for osteoarthritis PMID 24425500 https://doi.org/10.1002/14651858.CD008963.pub2

✓ **Done**Surgical interventions for the rheumatoid shoulder PMID 20091587 https://doi.org/10.1002/14651858.CD006188.pub2

Systemic corticosteroids for acute gout PMID 18425920 https://doi.org/10.1002/14651858.CD005521.pub2

WITHDRAWNTherapeutic ultrasound for treating patellofemoral pain syndrome PMID 23450538 https://doi.org/10.1002/14651858.CD003375.pub2

Vitamin D supplementation for improving bone mineral density in children PMID 20927753 https://doi.org/10.1002/14651858.CD006944.pub2

Whole body vibration exercise training for adults with fibromyalgia PMID 28950401 https://doi.org/10.1002/14651858.CD011755.pub2

Cochrane

Article Talk

Rheumatoid arthritis

Lifestyle

Regular exercise is recommended as both safe and useful to maintain muscles strength and overall physical function.[71] physical activity is beneficial for people with rheumatoid arthritis who experience fatigue,[72] but there is evidence to suggest that exercise may make little to no difference on physical function in the long term.[73] It is uncertain if eating or avoiding specific foods or other specific dietary measures help improve symptoms.[74] Occupational therapy has a positive role to play in improving functional ability in people with rheumatoid arthritis.[75] Weak evidence supports the use of wax baths (thermotherapy) to treat arthritis in the hands.[76]

Educational approaches that inform people about tools and strategies available to help them cope with rheumatoid arthritis may improve a person's psychological status and level of depression in the shorter-term.[77] The use of extra-depth shoes and molded insoles may reduce pain during weight-bearing activities such as walking.[78] Insoles may also prevent the progression of bunions.[78]

71. ^ Hurkmans E, van der Giesen FJ, Vliet Vlieland TP, Schoones J, Van den Ende EC (October 2009). Hurkmans E (ed.). "Dynamic exercise programs (aerobic capacity and/or muscle strength training) in patients with rheumatoid arthritis". *The Cochrane Database of Systematic Reviews* (4): CD006853. doi:10.1002/14651858.CD006853.pub2. PMID 19821388.
72. ^ Cramp F, Hewlett S, Almeida C, Kirwan JR, Choy EH, Chalder T, Pollock J, Christensen R (August 2013). "Non-pharmacological interventions for fatigue in rheumatoid arthritis". *The Cochrane Database of Systematic Reviews* (8): CD008322. doi:10.1002/14651858.CD008322.pub2. PMID 23975674.
73. ^ Williams, Mark A; Srikesavan, Cynthia; Heine, Peter J; Bruce, Julie; Brosseau, Lucie; Hoxey-Thomas, Nicolette; Lamb, Sarah E (2018-07-31). "Exercise for rheumatoid arthritis of the hand". *Cochrane Database of Systematic Reviews*. doi:10.1002/14651858.cd003832.pub3. ISSN 1465-1858.
74. ^ Hagen KB, Byfuglien MG, Falzon L, Olsen SU, Smedslund G (January 2009). Hagen KB (ed.). "Dietary interventions for rheumatoid arthritis". *The Cochrane Database of Systematic Reviews* (1): CD006400. doi:10.1002/14651858.CD006400.pub2. PMID 19160281.
75. ^ Steultjens EM, Dekker J, Bouter LM, van Schaardenburg D, van Kuyk MA, van den Ende CH (2004). "Occupational therapy for rheumatoid arthritis". *The Cochrane Database of Systematic Reviews* (1): CD003114. doi:10.1002/14651858.CD003114.pub2. hdl:2066/58846. PMID 14974005.
76. ^ Robinson V, Brosseau L, Casimiro L, Judd M, Shea B, Wells G, Tugwell P (2002-04-22). "Thermotherapy for treating rheumatoid arthritis". *The Cochrane Database of Systematic Reviews* (2): CD002826. doi:10.1002/14651858.cd002826. PMID 12076454.
77. ^ Riemsma, Robert P; Kirwan, John R; Taal, Erik; Rasker, Hans JJ (2003-04-22). "Patient education for adults with rheumatoid arthritis". *Cochrane Database of Systematic Reviews*. doi:10.1002/14651858.cd003688. ISSN 1465-1858.
78. ^ [a] [b] Egan, Mary; Brosseau, Lucie; Farmer, Mélanie; Ouimet, Marie-Andrée; Rees, Shannon; Tugwell, Peter; Wells, George A (2001-10-23). "Splints and Orthosis for treating rheumatoid arthritis". *Cochrane Database of Systematic Reviews*. doi:10.1002/14651858.cd004018. ISSN 1465-1858.

- *Clear language (grade 8), Neutral*
- *Paraphrase the evidence (no quotes)*

Cochrane

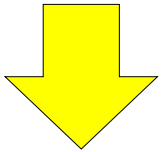
2. Quality Control: Verify evidence already on Wikipedia

Welcome | Getting Started | Cochrane Reviews on Wikipedia | Cochrane Update Project | Blogs | Other Projects | Cochrane Library | Wikipedia Research | Archive | Questions

Cochrane Reviews on Wikipedia

Networks	Cochrane Review Group	Total # of Reviews	# in Wikipedia	% Coverage	Link to List of Cochrane Reviews not yet added to Wikipedia Reviews to consider adding to Wikipedia articles
Cochrane Musculoskeletal, Oral, Skin and Sensory Wikipedia Project Page Reviews already on Wikipedia Project Page	Back and Neck Group	69	36	52%	Reviews not yet on Wikipedia: Back and Neck
	Ears Nose and Throat Group	116	53	46%	Reviews not yet on Wikipedia: ENT
	Eyes and Vision Group	206	122	59%	Reviews not yet on Wikipedia: Eyes and Vision
	Musculoskeletal Group	201	174	87%	Reviews not yet on Wikipedia: Musculoskeletal
	Oral Health Group	159	100	63%	Reviews not yet on Wikipedia: Oral Health
	Pain, Palliative and Supportive Care Grou	264	129	49%	Reviews not yet on Wikipedia: Pain, palliative and support care
	Skin Group	103	80	78%	Reviews not yet on Wikipedia: Skin
	Wounds Group	151	65	43%	Reviews not yet on Wikipedia: Wounds

3. Keep Content up to date



Welcome | Getting Started | Cochrane Reviews on Wikipedia | Cochrane Update Project | Blogs | Other Projects | Cochrane Library | Wikipedia Research | Archive | Questions

Cochrane Update Project
(The Cochrane-Wikipedia "bot")

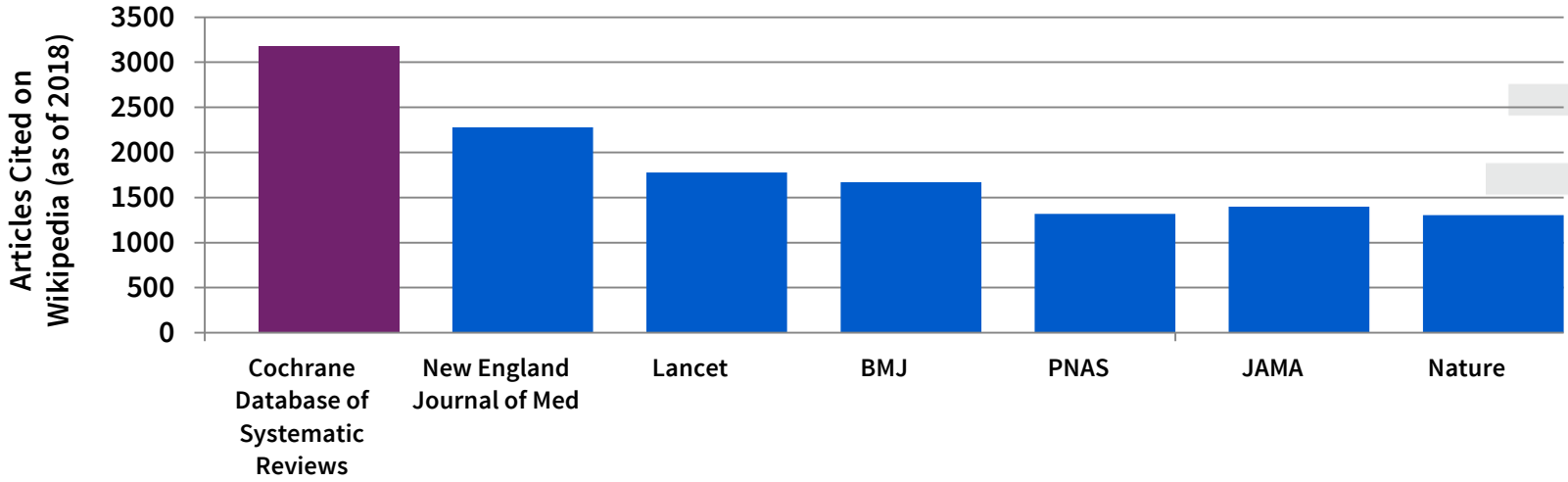
List of Cochrane Updates: [edit]

- Article Attention deficit hyperactivity disorder (edit) old review PMID:21678370 new review PMID:30091808 - 10:16, 1 November 2018 (UTC)
- Article Burning mouth syndrome (edit) old review PMID:15674897 new review PMID:27855478 - 08:45, 19 July 2018 (UTC)
- Article Cancer (edit) old review PMID:24683040 new review PMID:29376219 - 19:59, 18 July 2018 (UTC)
- Article Cancer (edit) old review PMID:25491949 new review PMID:28892556 - 19:59, 18 July 2018 (UTC)
- Article Carbamazepine (edit) old review PMID:27123830 new review PMID:30091458 - 22:24, 1 November 2018 (UTC)

It is unclear if selenium supplementation has an effect.[126][*needs update*]

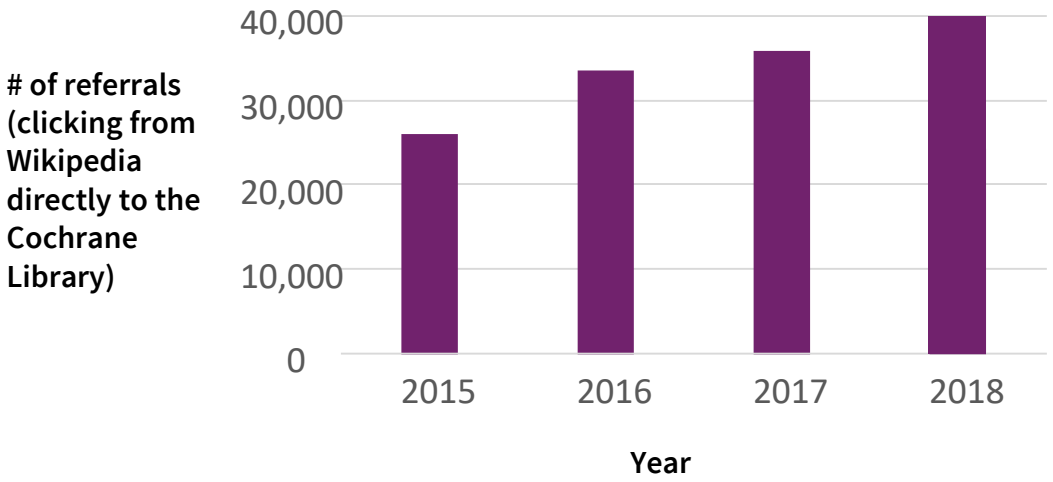
126. ^ Vinceti M, Dennert G, Crespi CM, Zwahlen M, Brinkman M, Zeegers MP, Horneber M, D'Amico R, Del Giovane C (March 2014). "Selenium for preventing cancer". *The Cochrane Database of Systematic Reviews*. 3 (3): CD005195. doi:10.1002/14651858.CD005195.pub3. PMC 4441528. PMID 24683040.

Most Frequently Cited Medical Journals in Wikipedia



Jemielniak, D., Masukume, G., Wilamowski, D. The most influential medical journals, according to Wikipedia: how quickly does new medical research propagate in a non-academic encyclopedia. JMIR Publications. October 2018.

Referrals from Wikipedia to the Cochrane Library



Cochrane

Conflict of Interest on Wikipedia

- × Writing about yourself, your friends, or your institution
- × Giving emphasis to your own positions in controversies in your field
- • Citing your own work

Cochrane

COI: Suggestions for editing articles in your area of specialization

- Disclose your COI on your Wikipedia userpage
- If you are interested in adding in your own work:
  - Post suggestion (along with your COI) on the article talk page
  - Get a community consensus and work with the existing Wikipedia community to improve the article

Examples of Projects

Cochrane

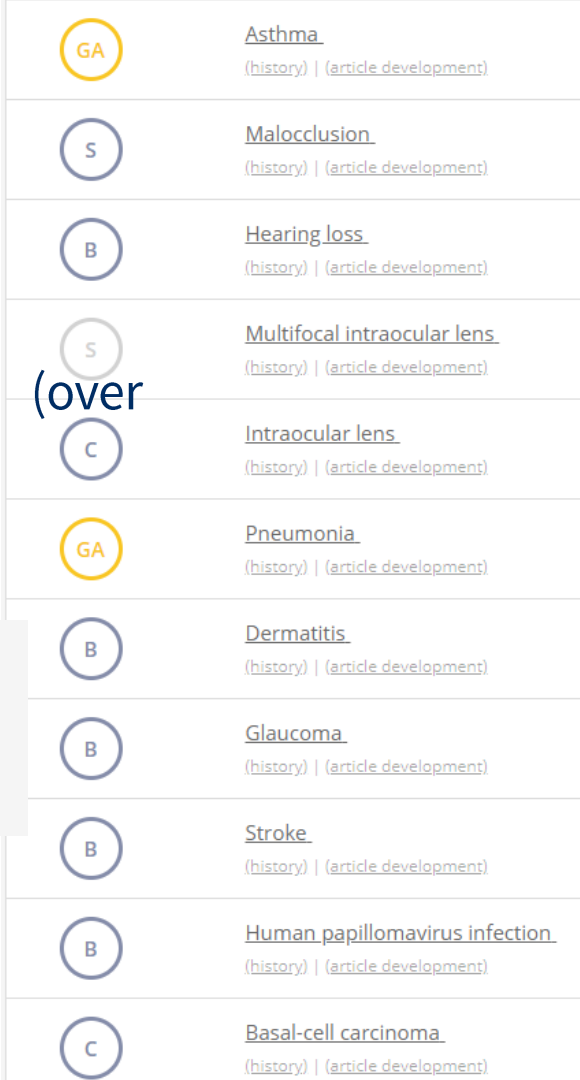
Cochrane-UK Interns

- 4 hours of Wikipedia editing and online instruction (over 4 weeks), 1 hr/week of “homework”
- Final session was an edit-a-thon

Course Activity

0	33	177	7	6.25K	5.69M
Articles Created	Articles Edited	Total Edits	Editors	Words Added	Article Views

- Retention: 2/5 participants editing 6 months later



Cochrane

Cochrane Skin

May 2018- Present

40	96	8	9.44K	29	16.6M
Articles Edited	Total Edits	Editors	Words Added	References Added	Article Views

Submitting Leprosy Wikipedia article to WikiJournal of Medicine

5 Students (undergraduates and residents)

78% of Cochrane Skin reviews are now included in Wikipedia

Cochrane

Edit-a-thons / Events

“Wiki 4 World Hearing Day 2019 (NIOSH)

- Training event (Webinar)
- “Edit-a-thon”
  - Cochrane ENT and Cochrane Work
- Social Media (blog post/twitter)

How to use all the work done in Wiki EN to develop « local » Wiki

Sylvain Juchet

Cochrane France

Cochrane-Wiki initiative
Volunteer tasks

1. Select a Cochrane review
2. Find a matching wikipedia article
3. Find the good spot to edit
4. Transform « Cochrane wording » into « wiki wording »
5. Do the edit

How can we make the life of the volunteer easier ?

Volunteer task

1. Select a Cochrane review

   → Assign manually ? Interesting part, possibility to focus on field of competency or curiosity

2. Find a matching wikipedia article

   – Automatic keyword matching ?

   → Difficult without a lot of mismatch

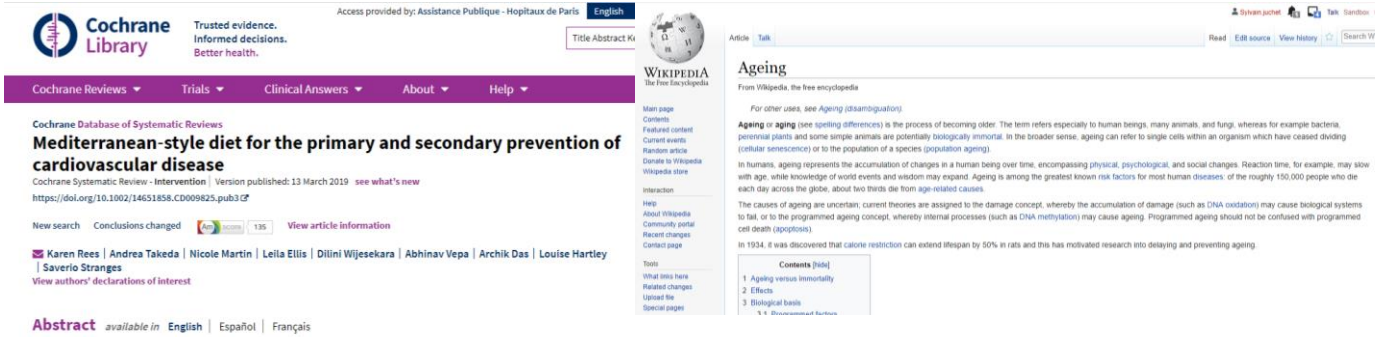
   – Manual pre-selection ?

   → Lot of time

Would you have the idea to match…

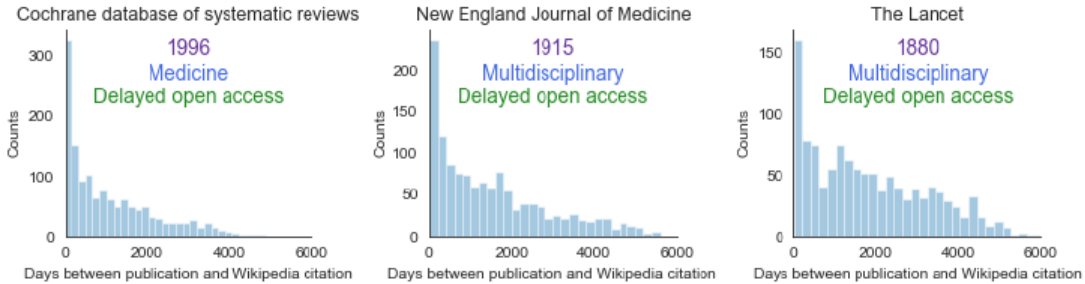
It decrease the risk of early death, so…

…it could be relevant here



Starting from Wiki EN ?

	EN	FR
Page Views per Month	7,420,419,599 **(x10)**	687,559,782
Article Count	5,779,516 **(x3)**	2,069,464
New Articles per Day	634 **(x3)**	267
Edits per Month	3,256,712 **(x5)**	666,116
Active Editors	30,205 **(x6)**	4,885
Very Active Editors	3,477 **(x5)**	781
New Editors	4,920 **(x7)**	704



Major reviews have a good probability to be included quickly in Wiki EN, and the french version of the article is likely to exist

Source : wikiscan.org (7/4/2019); Jemielniak , J Med Internet Res, 2019

Matching in practice (1)

- Export bibtex file with reviews of interest from the cochrane library
  - We wanted to focused on recent reviews (from 2017)
  - Easier than using archie

- For each review, check if DOI is cited in wikipedia (EN and FR)
  - Extract Wiki articles links, title and importance
  - Keep only EN articles that have a DOI cited, with a corresponding french article that does not have the same DOI cited

Matching in practice (2)

- Resulting table

Wiki links and title	Cochrane review title	DOI - Links to cochrane library (FR)
Alcoolisme	Le baclofène pour le sevrage alcoolique	10.1002/14651858.CD008502.pub5
Antirétroviral	Antidépresseurs pour le traitement de la dépression chez les adultes atteints du VIH	10.1002/14651858.CD008525.pub3

- Sorted by importance (maximum, high…)
- « Semi-automatic » update :
  - Manual part: download files from cochrane library and archie
  - Automation with R program

Today

- Using our program
  - 4719 Cochrane reviews on 2246 Wiki EN articles
  - 2246 Wiki EN → 1407 corresponding Wiki FR
  - 312 Cochrane reviews on 225 Wiki FR articles

Volunteer task

1. Select a Cochrane review
   → Interesting part, possibility to focus on field of competency or curiosity

2. Find a matching wikipedia article
   → Table of Wiki EN matches

3. Find the good spot to edit
4. Transform « Cochrane wording » into « wiki wording »
5. Do the edit

Wiki wording

- Extract automatically from summary of findings and result table ?
  - **Ex 1** : "Pneumococcal vaccines for preventing pneumonia in chronic obstructive pulmonary disease: meta-analysis on 1372 subjects (6 studies) that compared Pneumococcal vaccine versus control showing a risk reduction of 41 % with the intervention if measuring: Community-acquired pneumonia: at least 1 episode “
  - **Ex 2** : "Reminiscence therapy for dementia: meta-analysis on 1060 subjects (8 studies) that compared Reminiscence therapy versus no treatment showing no significative difference with the intervention if measuring: Self-reported quality of life post-treatment "

    →Not convinced, we gave up the idea

- But Wiki EN spot and wording could help the volunteer on how to insert the information in Wiki FR

Volunteer task

1. Select a Cochrane review
   → Interesting part, possibility to focus on field of competency or curiosity
2. Find a matching wikipedia article
   → Table of Wiki EN matches
3. Find the good spot to edit
   → Inspire from Wiki EN spot
4. Transform « Cochrane wording » into « wiki wording »
   → Inspire from Wiki EN wording
5. Do the edit

Conclusion

- Need some feedback from the community and the volunteers

- Upcoming work
  - List of reviews not included in Wiki EN
  - Bot helping with citation from updated reviews ready but not implemented yet
  - **Recruiting volunteers and keeping them interested !!**

Cochrane Musculoskeletal Review Group: Wikipedia Project

- 2 students
- 2 months editing→ Improved 91 Wikipedia articles
- Articles improved received about 3 million article views in 2 months

Cochrane

Sadie Miller: University of Ottawa co-op student in the anthropology program on a placement in the center for practice-changing research as a project clerk assistant and a member of the Cochrane Musculoskeletal group.

Humaira Muhfuz: Undergraduate student at the University of in the Biomedical Sciences program. Humaira is currently completing a summer internship at the Centre for Practice-Changing Research - Ottawa Hospital Research Institute.

GOAL: Improve Musculoskeletal-related Wikipedia Articles with paraphrased content from Cochrane Reviews and other high quality reliable sources.

Prior to the Wikipedia Initiative

- Used for research
- Never edited
- Source for other resources

Setting up the account

- Easy and straightforward instructions
- Wikipedia offers multiple training modules
- Sandbox allowed for the practice of editing, inserting hyperlinks and adding citations

Output

- Musculoskeletal Group Cochrane reviews: In the past couple months the coverage percentage reached 76%
- Cochrane update project: In a couple of weeks it was possible to complete 177 edits by updating citations

Cochrane

Future Directions

- Cochrane-Wikipedia Matching
  - Cochrane- University of Virginia Capstone Project
- Cochrane-Wikipedia volunteers→ Points towards obtaining a Cochrane membership
- Hands on workshop at the Cochrane Colloquium in Santiago

Project page link:
https://en.wikipedia.org/wiki/Wikipedia:WikiProject_Medicine/Cochrane

Acknowledgements

Sylvia De Haan, Cochrane Central

Dr James Heilman MD
Doug Taylor
Lane Raspberry

Trusted evidence.
Informed decisions.
Better health.