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

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Wikipedia Consultant for Cochrane

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

Trusted evidence.
Informed decisions.
Better health.
Contents

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02 Cochrane-Wikipedia Initiative
03 How to get involved: Cochrane-Wikipedia Project Page
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07 Future Directions
08 Question Period
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))
## Wikipedia Weekly Snapshot

<table>
<thead>
<tr>
<th>Wikipedia Article</th>
<th>July 1-8 Weekly Article Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lyme Disease</td>
<td>64,804</td>
</tr>
<tr>
<td>Ketogenic Diet</td>
<td>62,000</td>
</tr>
<tr>
<td>Cannabidiol</td>
<td>57,000</td>
</tr>
<tr>
<td>Necrotizing fasciitis</td>
<td>51,000</td>
</tr>
<tr>
<td>Fentanyl</td>
<td>43,000</td>
</tr>
<tr>
<td>Crohn’s Disease</td>
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</tr>
<tr>
<td>Pneumonia</td>
<td>36,000</td>
</tr>
<tr>
<td>Measles</td>
<td>21,000</td>
</tr>
<tr>
<td>Tinnitus</td>
<td>21,000</td>
</tr>
<tr>
<td>Melanoma</td>
<td>18,000</td>
</tr>
<tr>
<td>Multiple Sclerosis</td>
<td>8,505</td>
</tr>
</tbody>
</table>
Goal of the Cochrane-Wikipedia Initiative:

Share knowledge and improve what people are accessing on Wikipedia
The Cochrane Wikipedia Partnership

Project Page

Cochrane has a commitment to producing and sharing high quality 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 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 Wikipedia 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 evidence using terminology that can be understood by people who are not in the field > click 'edit' > 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 contributors - 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

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 {{In progress}} before the PMID.

Engage with editors

Part of the Wikipedia experience is modeling and responding to feedback from other editors. If you differ with another editor, it may be helpful to find a neutral editor to mediate the discussion. Even when you agree with another user, it is a good practice to respond, as engaging others in the article adds value.

Be accurate

You’re editing a source utilized by millions of people; it’s easy to make mistakes, so it’s really important to be accurate. Wikipedia’s need for neutral and reliable information makes it a valuable resource for the world, and the work you do on a Wikipedia article is making a difference and changing lives.

Understand the guidelines

Wikipedia differs from the medical literature. It has been developed as a general knowledge base for mainstream readers and is not intended as a treatise for specialists or researchers.

Watch out for close paraphrasing

Paraphrasing or close paraphrasing is not allowed on Wikipedia and is in violation of your university’s academic honor code. It’s even worse on Wikipedia, as it is our goal for a variety of reasons to avoid this practice. If you are unsure of whether you have paraphrased, ask for feedback from others. Let us know if you need any further assistance.

Scared? Don’t be!

If you are new to Wikipedia, it is normal to be scared or confused at first. Take the time to understand the rules, and soon you will be comfortable and ready to contribute to the valuable resource you see on a daily basis.
Suggested first steps for getting started:

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 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 transitioning 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 user page. 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.
Dashboard

Cochrane-Wikipedia Volunteers

- Articles Created: 5
- Articles Edited: 3.24K
- Total Edits: 4.77K
- Editors: 33
- Words Added: 112K
- References Added: 206
- Article Views: 871M
- Commons Uploads: 6


Details

- Facilitators: JenOttawa
- Institution: Cochrane
- Home Wiki: en.wikipedia.org
- Passcode: mghqjdvt
- Activity tracking start: 2017-05-14 20:00 Eastern Daylight Time

Edit Description
Edit Details
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).
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
# 1. Add Cochrane Evidence

## Cochrane Reviews on Wikipedia

<table>
<thead>
<tr>
<th>Networks</th>
<th>Cochrane Review Group</th>
<th>Total # of Reviews</th>
<th># in Wikipedia</th>
<th>% Coverage</th>
<th>Link to List of Cochrane Reviews not yet added to Wikipedia Reviews to consider adding to Wikipedia articles</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Back and Neck Group</td>
<td>69</td>
<td>36</td>
<td>52%</td>
<td>Reviews not yet on Wikipedia: Back and Neck</td>
</tr>
<tr>
<td></td>
<td>Ear Nose and Throat Group</td>
<td>116</td>
<td>53</td>
<td>46%</td>
<td>Reviews not yet on Wikipedia: Ear Nose and Throat</td>
</tr>
<tr>
<td></td>
<td>Eyes and Vision Group</td>
<td>206</td>
<td>122</td>
<td>59%</td>
<td>Reviews not yet on Wikipedia: Eyes and Vision</td>
</tr>
<tr>
<td></td>
<td>Musculoskeletal Group</td>
<td>201</td>
<td>174</td>
<td>87%</td>
<td>Reviews not yet on Wikipedia: Musculoskeletal</td>
</tr>
<tr>
<td></td>
<td>Oral Health Group</td>
<td>159</td>
<td>100</td>
<td>63%</td>
<td>Reviews not yet on Wikipedia: Oral Health</td>
</tr>
<tr>
<td></td>
<td>Pain, Palliative and Supportive Care Group</td>
<td>284</td>
<td>129</td>
<td>49%</td>
<td>Reviews not yet on Wikipedia: Pain, palliative and support care</td>
</tr>
<tr>
<td></td>
<td>Skin Group</td>
<td>103</td>
<td>80</td>
<td>78%</td>
<td>Reviews not yet on Wikipedia: Skin</td>
</tr>
<tr>
<td></td>
<td>Wounds Group</td>
<td>151</td>
<td>65</td>
<td>43%</td>
<td>Reviews not yet on Wikipedia: Wounds</td>
</tr>
</tbody>
</table>
Musculoskeletal Group [edit]

**Done** Balance training (proprioceptive training) for patients with rheumatoid arthritis PMID 20464755 https://doi.org/10.1002/14651858.CD007548.pub2

Calcitonin for preventing and treating corticosteroid-induced osteoporosis PMID 10795457 https://doi.org/10.1002/14651858.CD001963

**Withdrawn** Calcium supplementation on bone loss in postmenopausal women PMID 17636765 https://doi.org/10.1002/14651858.CD004636.pub3

Exercise for acutely hospitalised older medical patients PMID 17253372 https://doi.org/10.1002/14651858.CD005955.pub2

Exercise therapy in juvenile idiopathic arthritis PMID 18425927 https://doi.org/10.1002/14651858.CD005594.pub2

Home versus center based physical activity programs in older adults PMID 1567492 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 2093102 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 27071320 https://doi.org/10.1002/14651858.CD012027.pub2

Methotrexate monotherapy versus methotrexate combination therapy with non-biologic disease modifying anti-rheumatic drugs for rheumatoid arthritis PMID 20353970 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

Multidisciplinary rehabilitation programmes following joint replacement at the hip and knee in chronic arthropathy PMID 16425906 https://doi.org/10.1002/14651858.CD004557.pub3

Operative and non-operative treatment options for dislocation of the hip following total hip arthroplasty PMID 17054262 https://doi.org/10.1002/14651858.CD005320.pub2

Orthotic devices for the treatment of lateral elbow pain PMID 11408611 https://doi.org/10.1002/14651858.CD001821

Pharmacotherapy for Behçet's syndrome PMID 10795413 https://doi.org/10.1002/14651858.CD001084

Posterior versus lateral surgical approach for total hip arthroplasty in adults with osteoarthritis PMID 16506020 https://doi.org/10.1002/14651858.CD003826.pub3

Post-operative therapy for metacarpophalangeal arthroplasty PMID 18254211 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 24423500 https://doi.org/10.1002/14651858.CD006903.pub2

**Done** Surgical interventions for the rheumatoid shoulder PMID 20091587 https://doi.org/10.1002/14651858.CD006182

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

**WITHDRAWN** Therapeutic ultrasound for treating patellofemoral pain syndrome PMID 23450338 https://doi.org/10.1002/14651858.CD003370.pub2

Vitamin D supplementation for improving bone mineral density in children PMID 20327753 https://doi.org/10.1002/14651858.CD005944.pub2

Whole body vibration exercise training for adults with fibromyalgia PMID 26950401 https://doi.org/10.1002/14651858.CD011755.pub2
Rheumatoid arthritis

Lifestyle

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

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. The use of extra-depth shoes and molded insoles may reduce pain during weight-bearing activities such as walking. Insoles may also prevent the progression of bunions.

### References


### Clear language (grade 8), Neutral

- Paraphrase the evidence (no quotes)

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<tr>
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<td>116</td>
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<tr>
<td>Pain, Palliative and Supportive Care Group</td>
<td>264</td>
<td>129</td>
<td>49%</td>
<td>Reviews not yet on Wikipedia: Pain, palliative and support care</td>
<td></td>
</tr>
<tr>
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<td>103</td>
<td>80</td>
<td>78%</td>
<td>Reviews not yet on Wikipedia: Skin</td>
<td></td>
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<tr>
<td>Wounds Group</td>
<td>151</td>
<td>85</td>
<td>43%</td>
<td>Reviews not yet on Wikipedia: Wounds</td>
<td></td>
</tr>
</tbody>
</table>

| Cochrane Musculoskeletal, Oral, Skin and Sensory Wikipedia Project Page|                                                                 |

| Reviews already on Wikipedia Project Page                                |

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3. Keep Content up to date

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]

Most Frequently Cited Medical Journals in Wikipedia

![Bar chart showing the number of articles cited on Wikipedia as of 2018 for various medical journals. The Cochrane Database of Systematic Reviews is the most cited, followed by the New England Journal of Medicine, Lancet, BMJ, PNAS, JAMA, and Nature.]

Jemieliak, 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

# of referrals (clicking from Wikipedia directly to the Cochrane Library)
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
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-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

<table>
<thead>
<tr>
<th>Course Activity</th>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Articles Created</td>
<td>0</td>
<td>33</td>
<td>177</td>
<td>7</td>
<td>6.25K</td>
</tr>
<tr>
<td>Articles Edited</td>
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<td></td>
<td></td>
<td></td>
<td>5.69M</td>
</tr>
<tr>
<td>Total Edits</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Editors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Words Added</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Article Views</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Retention: 2/5 participants editing 6 months later
Cochrane Skin

May 2018- Present

<table>
<thead>
<tr>
<th>Articles Edited</th>
<th>Total Edits</th>
<th>Editors</th>
<th>Words Added</th>
<th>References Added</th>
<th>Article Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>96</td>
<td>8</td>
<td>9.44K</td>
<td>29</td>
<td>16.6M</td>
</tr>
</tbody>
</table>

Submitting Leprosy Wikipedia article to WikiJournal of Medicine

5 Students (undergraduates and residents)

78% of Cochrane Skin reviews are now included in Wikipedia
Edit-a-thon/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?

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

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

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

• 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 !!

- 2 students
- 2 months editing → Improved 91 Wikipedia articles
- Articles improved received about 3 million article views in 2 months
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.
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:
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Trusted evidence.
Informed decisions.
Better health.