

# SYSTEMATIC REVIEWS AND MENDELEY



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# WHAT IS A SYSTEMATIC REVIEW

- A rigorous review of literature in a particular topic
- Most common in health sciences
- A literature review done systematically to reduce bias as much as possible

# WHAT DOES A SYTEMATIC REVIEW REQUIRE

- A team!
  - Two reviewers and a tie-breaker
- Well rounded and inclusive search strategy that does not exclude possible hits
- Well established inclusion/exclusion criteria
- A lot of time and dedication

# STEPS TO A SYSTEMATIC REVIEW

- Establish the topic firmly
- Establish inclusion/exclusion criteria
- Develop inclusion/exclusion questions for filtering
- Create a solid search strategy
  - Test it out and retest it before moving forward
- Select the databases to search
  - Modify search strategy to be similar across all databases
- Search databases and import references into Mendeley

## STEPS TO A SYSTEMATIC REVIEW CON'T

- Filter results based on title/abstract using inclusion/exclusion questions
- Import full text articles into Mendeley
- Filter results based on full text using further developed inclusion/exclusion questions

# KEYS TO A HEALTH, PRODUCTIVE SYSTEMATIC REVIEW

- Communication!
- Meet with the team regularly to address any questions and to ensure everyone is on the same page
- Address possible conflicting subjective interpretations of the inclusion/exclusion criteria
- Address possible article results that do not match up exactly with the inclusion/exclusion criteria
- Establish roles and tasks among team members

# TOOLS REQUIRED FOR A SYSTEMATIC REVIEW

- Form/survey software to create inclusion/exclusion criteria filter
  - i.e. Google Forms, surveymonkey
  - As long as data can be extracted to excel format for manual organizing
- Bibliographic management software
  - i.e. Mendeley Desktop
- There are programs out there that are a whole package deal to accomplish all the above, but they come at a cost

# MENDELEY

- Group folder (for your team)
- Organize subfolders according to database with number of results
- Clear duplicates from parent folder
- Create folders for the two filtering levels (title/abstract and fulltext)



# FOLDER TITLES WILL LOOK SOMETHING LIKE THIS:

- Systematic Review
  - Pubmed 200
  - CINAHL 150
  - Embase 175
  - TA-Yes
  - TA-No
  - TA-TieBreak
  - FT-Yes
  - FT-No
  - FT-TieBreak

## NUMBERS FOR THE FLOWCHART

- After the initial import, it is important to clean up the duplicates
- You will see in the parent folder, by selecting all the articles (ctrl+A), the total number of articles will be at the bottom of the screen – **NOTE THIS NUMBER**
- You can then safely assume the total number from your databases minus this number leaves with the number of duplicates found
  - Number after duplicate removal = 450
  - Pubmed 200, CINAHL 150, Embase 175 = 525
  - Total duplicates = 75

# DEMONSTRATION

- Mendeley Desktop
- Google Forms
- Import to Mendeley (from Pubmed and ScienceDirect)

# DEMONSTRATION

- Question:

How is the value of librarians perceived by nurses and physicians at hospitals?

- Search strategy:

("Librarians"[Mesh] OR "Librarians"[title/abstract]) AND ("Hospitals"[Mesh] OR "Physicians"[Mesh] OR "Nurses"[Mesh] OR "Hospitals"[title/abstract] OR "Physicians"[title/abstract] OR "Nurses"[title/abstract])

TAK("Librarians" AND ("Hospitals" OR "Physicians" OR "Nurses"))

# Mendeley Institutional Edition



Mendeley Institutional Edition provides usage and collaboration upgrades while providing librarian and research management access to Analytical Insights in the form of Usage, Collaboration and Impact Statistics.



### **Institution-wide access to premium features**

More Storage  
More teams, more collaborators,  
alumni policy



### **Institutional page with Insights for librarians**

More Insight for Librarian:  
Administration & Analytics  
Dashboard; Link Resolver support;  
Copyright compliant



### **Support promoting Mendeley and training users**

Access to online training and user  
adoption roll out programs



### **24/5 priority customer support**

Users and Institutions get priority  
access to Mendeley's first level  
support 24 hours Monday to Friday

**More info: [www.elsevier.com/solutions/mendeley/Mendeley-Institutional-Edition](http://www.elsevier.com/solutions/mendeley/Mendeley-Institutional-Edition)**

# Mendeley Certification Program for Librarians

94% would recommend the program to a colleague

### 3 Cohorts per year

**GROUP 1:** Feb. 14th to May 31st

**GROUP 2:** June 1st to August 31st

**GROUP 3:** Sept. 1st to Dec. 15th

### 3 Levels

**Level 1:** Learn about Mendeley

**Level 2:** Apply Mendeley

**Level 3:** Mendeley Rollout

### Rewards\*

**Level 1:** Join "Certified Librarians" group + premium-access upgrade

**Level 2:** Box of Mendeley materials\*\*

**Level 3:** 1 year Mendeley upgrade for up to 500 users\*\*\* + Eligible for significant discount on Mendeley Institutional Edition (MIE)



\* Rewards are offered to librarians at academic and government institutions; corporations are not eligible for program rewards.

\*\* Limited to 2 librarians per institution.

\*\*\* Limited to 500 seats per institution. The upgrade is valid for 12 months with option to extend for three additional months following completion of "Refresher Program"; Includes 5 GB of personal storage, 20 GB of group/team storage and unlimited private/invite-only groups with up to 50 members in each. Upgraded users will continue to enjoy benefits for as long as their Mendeley account remains associated with their institute.



95% alumni felt they were more prepared to support users than before



*“The program helped me to improve my Mendeley skills and to gain valuable premium accounts for our users. We have a number of researchers who work in geographically distant locations, so the collaborative features of Mendeley and its web interface should suit them well.”*

*“This has been a great program that allowed me to learn new skills on Mendeley, also it gave me the confidence needed to start promoting Mendeley at my Institution.”*

*“Mendeley Certification Program was easier than I'd expected it to be but very useful. I've already been helping the Dean with his questions and he's got his upgrade now, so he's happy.”*

Register here: [www.elsevier.com/solutions/mendeley/support/mendeley-certification-program](http://www.elsevier.com/solutions/mendeley/support/mendeley-certification-program)

|  | Mendeley Free   | Mendely Premium<br>(Certification Program) | Mendeley Institutional<br>Edition<br>(Paid for Services) |
|--|-----------------|--|--|
| <b>Benefits for Researchers</b>                            |                 |  |  |
| <b>Cite and Reference</b>                                  | Yes             | Yes  | Yes  |
| <b>Read and Annotate</b>                                   | Yes             | Yes  | Yes  |
| <b>Mendeley Suggest</b>                                    | Yes             | Yes  | Yes  |
| <b>Researcher Profile and Stats</b>                        | Yes             | Yes  | Yes  |
| <b>Career Portal</b>                                       | Yes             | Yes  | Yes  |
| <b>Data repository</b>                                     | Yes             | Yes  | Yes  |
| <b>Personal Library storage space</b>                      | 2GB             | 2GB  | 100GB  |
| <b>Shared Library storage space</b>                        | 100MB           | 5GB  | 100GB  |
| <b># Private groups</b>                                    | 5               | Unlimited                                  | Unlimited  |
| <b>Private group size</b>                                  | 25              | 50   | 100  |
| <b>Benefits for Institutions</b>                           |                 |  |  |
| <b>Custom designed user awareness and adoption program</b> | No              | No   | Yes  |
| <b>Institutional Homepage</b>                              | No              | No   | Yes  |
| <b>Usage Analytics</b>                                     | No              | No   | Yes  |
| <b>Content consumption Analytics</b>                       | No              | No   | Yes  |
| <b>Link resolver integration</b>                           | No              | No   | Yes  |
| <b>Alumni Policy</b>                                       | No              | Yes (modified)                             | Yes  |
| <b>Customer Support Service</b>                            | Via Online only | Via Online only                            | Through Elsevier OSCS and Online, 24/5                   |

Questions?

