# A qr code on a blue background Description automatically generatedActivity 1: Introduction Questions

<https://forms.office.com/r/AhnwJXJ3Ld?origin=lprLink>

1. What comes to mind when you think of systematic reviews?
2. What’s your experience with systematic reviews or evidence synthesis? Select all that apply.
   * I’ve been part of a systematic review or evidence synthesis project.
   * I’ve read a systematic review or other evidence synthesis paper.
   * I’ve seen systematic reviews or other evidence synthesis projects in my search results.
   * None of the above! This is all new!
3. Do you want to be a part of a systematic review or evidence project?

□ Yes □ No □ Maybe

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<https://forms.office.com/r/7AMy8241tQ>

**Instructions**: Skim the section titles of the sample paper below (do not read the whole paper). Discuss this question with your neighbors and submit an answer as a team to the question below.

**Question**: How does the organization of this systematic review differ from other studies?

# A qr code on a green background Description automatically generatedActivity 3: Assess a systematic review

<https://forms.office.com/r/Zjw69YnWiZ>

1. Look at the list of authors provided on the sample systematic review below. Which skill sets do you think the team has?
   * Nicola Adderley, Faculty of Medicine, University of Calgary, Calgary, AB, Canada
   * Christopher J. Humphreys, Dept of Medicine, University of Calgary, Calgary, AB, Canada
   * Hayley Barnes, Dept of Allergy, Immunology and Respiratory Medicine, Alfred Hospital, Melbourne, Australia
   * Hayley Barnes and Brett Ley, Dept of Medicine, University of California, San Francisco, San Francisco, CA, USA
   * Zahra A. Premji, Depts of Libraries and Cultural Resources, University of Calgary, Calgary, AB, Canada
   * Kerri A. Johannson, Community Health Sciences, University of Calgary, Calgary, AB, Canada

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Expertise** | **Yes** | **Maybe** | **No** | **Unclear** |
| Content expertise | □ | □ | □ | □ |
| Systematic review methods expertise | □ | □ | □ | □ |
| Searching expertise | □ | □ | □ | □ |
| Project management skills | □ | □ | □ | □ |

1. **Question**: In your opinion, is the research topic below well-scoped?

**Quote from abstract**: "Management of Crohn’s disease (CD) using dietary interventions has become an area of increased research interest. There is a lack of specific research exploring if diet and nutrition interventions are beneficial in patients with strictures, as current dietary recommendations in fibrostenotic CD are often based on clinical judgment. The aim of this systematic review was to assess the impact of dietary interventions in fibrostenotic CD on medical and surgical outcomes." (Cooper et al., 2023, p. 1)

□ Yes □ No □ Maybe

1. Do you think the search strategies are reproducible from the excerpt below?

"Search strategy and study selection

A systematic literature review was performed according to the Cochrane guidelines (18), and is reported below according to the PRISMA guidelines (19).

Medline (Ovid), EMBASE (Ovid), Cochrane Central Register of Controlled Trials (Ovid) and CINAHL (EBSCO) were searched to locate available research from the first available date until March 27, 2022. The database search strategies were created with the assistance of a medical librarian. The search strategy was comprised of three search concepts: Crohn’s disease, strictures, and dietary factors. Each search concept included controlled vocabulary, where available, and keywords searched within the title, abstract, and keywords fields. Individual search lines were combined using appropriate Boolean operators. The exact line-by-line search strategies for all database searches have been included in Supplementary Tables S3–S6. Records from the searches were exported from each database as RIS files and imported into Covidence for deduplication and screening. The reference lists of studies included after screening were reviewed manually to identify additional relevant publications. A review protocol describing the rationale, hypothesis and planned methods of the review was prepared for internal purposes prior to initiating this systematic review." (Cooper et al., 2023, p. 2).

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Description automatically generated□ Yes □ No □ Maybe

# Activity 4: Conclusion

<https://forms.office.com/r/cym8iazgiK>

* How would you adapt this workshop for your own needs?

# Sample Paper

Cooper, J. L., Rosentreter, R. E., Filyk, A., Premji, Z. A., Shen, H., Ingram, R., Kaplan, G. G., Ma, C., Novak, K., Panaccione, R., Seow, C. H., Rieder, F., Raman, M., & Lu, C. (2023). Nutritional interventions in adult fibrostenotic Crohn’s disease: A systematic review. *Frontiers in Nutrition, 10*. <https://doi.org/10.3389/fnut.2023.1017382>