Systematic Review Handout

Title of Review: ____________________________

Research Team (List the members of your team below)

1. ____________________________
2. ____________________________
3. ____________________________
4. ____________________________

Introduction (Describe the background of your study)

Objectives (Describe the objectives of your review. Why are you doing a Systematic Review?)
Methodology

To ensure that the widest scope of primary research is identified, a thorough and complete search of the literature using multiple databases and resources is needed.

Inclusion & Exclusion Criteria

Types of studies...

Types of participants (population)...

Types of interventions...

Types of outcome measures...

Databases (List the databases that you will use below)
Filters
Some databases offer the option to limit to full text, date, and language. Generally, reviewers should avoid using filters, as they will introduce bias into your research. The exception is if you are updating an existing systematic review.

_____ Yes _____ No - Limit by date
_____ Yes _____ No - Limit by language
_____ Yes _____ No - Include unpublished materials (grey literature)

Grey Literature
Library Guide: https://guides.library.uoit.ca/health/greylit

_____ Yes _____ No - Clinical Trial Registries
_____ Yes _____ No - Web of Science/Scopus searches to identify any additional potentially relevant studies
_____ Yes _____ No - Google
_____ Yes _____ No - Dissertations & Theses
_____ Yes _____ No - Hand searches of recent relevant conference abstracts to identify completed but not yet published studies

References (List any relevant papers that you have already found)
### Search Strategy Development

#### Research Question

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

#### PICO(S)

<table>
<thead>
<tr>
<th><strong>Population (patient)</strong></th>
<th>How would I describe a group of patients similar to mine? (condition, age, gender, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Intervention (drug, procedure, etc.)</strong></td>
<td>Which main/new intervention am I considering?</td>
</tr>
<tr>
<td><strong>Comparison (optional)</strong></td>
<td>What is the alternative to compare with the intervention? (placebo, standard of care, etc.)</td>
</tr>
<tr>
<td><strong>Outcome (optional)</strong></td>
<td>What can I hope to accomplish, measure, improve, or affect?</td>
</tr>
<tr>
<td><strong>Study Design (optional)</strong></td>
<td>What study design would provide the best level of evidence for this question?</td>
</tr>
</tbody>
</table>

#### Search Concepts

1)

2)

3)

Ontario Tech University Libraries, 2019
This resource is adapted from a handout used for the Systematic Review class - JW Scott Health Sciences Library, University of Alberta (2014).
Synonyms & Related Terms

Write each of your search concepts in a bubble. Next, brainstorm synonyms/related terms for each one of your concepts.
PRISMA Diagram


For more information, visit www.prisma-statement.org.