

REFLECTIONS ON SCOPING REVIEW METHODOLOGY

Daniela Valdes, Msc.
Supervisors Profs R. Procter (DCS) and
J. Dale (WMS)

December 2020/ WCCS



Before we start...

- How many search terms are there related to Covid-19 in the literature?



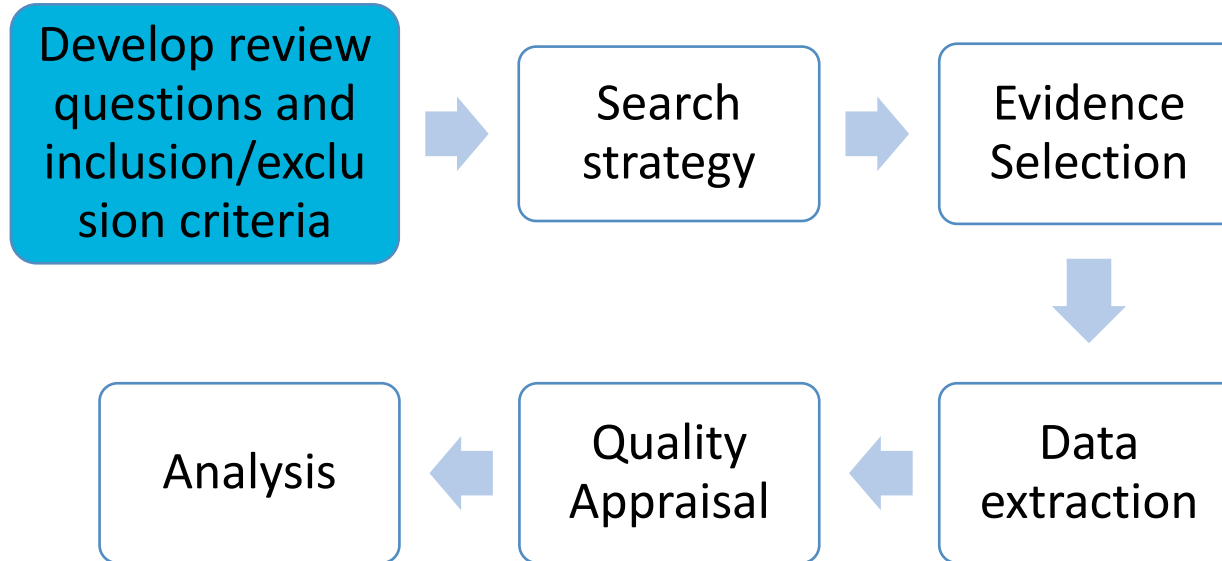
Contents

1. Scoping Review methodology in a nutshell
2. Application to my own literature review
3. Challenges and solutions
4. Initial results

Take away message

- ✓ **Examining emerging evidence when it is still unclear what other, more specific questions can be posed**
- ✓ Scoping review used to capture in a methodical way qualitative and economic research exploring the context of care delivery
- ✓ Great at the early stages of academic research to identify gaps in literature, map the key concepts that underpin a field of research & clarify working definitions

1. Scoping Review methodology in a nutshell



Source: JBI Manual for Evidence Synthesis (Aromataris and Munn (Editors), 2020)

1. Scoping Review methodology in a nutshell

- Question - Population/Concept/Context
- Develop inclusion and exclusion criteria
- Explicit, transparent, peer reviewed search strategy

2. Application to my own literature review

- Question: What is the evidence available surrounding the rapid adoption of telemedicine in primary care settings world-wide during the COVID-19 pandemic?
- Population: General population
- **Concept: Telemedicine**
- Context: Primary care during COVID-19 pandemic

GPs should carry out 45% of consultations remotely after pandemic, says Hancock

By Luke Haynes and Nick Bostock on the 24 November 2020

Will Telemedicine Remain the New Normal?

The pandemic forced patients and doctors to embrace virtual visits. Now, stay-at-home health care could increase even after the Covid-19 emergency ends.

By Leslie Garisto Pfaff | November 11, 2020 | Appears in the November 2020 issue

Telemedicine Arrives in the U.K.: '10 Years of Change in One Week'

Drop in face-to-face consultations could undermine GP training, doctors warn

By Luke Haynes on the 7 September 2020

A sharp reduction in face-to-face consultations during the COVID-19 pandemic

HEALTH

The Doctors Won't See You Now: What exactly is going on in Britain's GP surgeries?

BY MAGGIE PAGANO | MAGGIEPAGANO / 8 SEPTEMBER 2020

Why is this question important?

Low take-up of mature technologies up to that point, overturned in a matter of weeks across the globe

What are the impacts?

What can we learn in terms of digital implementation?

Daniela Valdes, Msc. Daniela.valdes@warwick.ac.uk

Example inclusion/exclusion criteria & search terms

Category	Inclusion	Exclusion	Search terms
Concept -Clinician /Patient consultation over a platform	Telemedicine adoption or increased use.	Exclude clinician to clinician consultations. Exclude other mobile health apps or medical apps, or wider e-health studies.	Telemedicine or telehealth or "digital health" or telephone or video or virtual or remote or e-consults or e-consultation

3. Challenges and solutions

- **Question.** Emerging literature - Initial question was too narrow to provide meaningful results. Expand focus from England to world-wide.
- **Search terms.** How many search terms are there related to Covid-19 in the literature? Academic librarian support identified over 40 terms.
- **Peer review.** Reaching out to other students for robustness and quality-control.

4. Initial results

- Preliminary searches in Ovid, Web of Science and Google scholar provided over 160 articles
- 80+ potential articles complying with inclusion criteria

TO SUM UP

- Examining emerging evidence when unclear specific questions that can be posed
- Protocol that starts from a question (Population/Concept/Context) that underpins inclusion/exclusion criteria and search terms
- PhD students benefit from various types of support

Daniela Valdes, Msc. Daniela.valdes@warwick.ac.uk

Thank you for listening. This presentation could have been about...

- CEO to PGR - Transitioning from industry to academia
- Managing and planning meetings with your supervisors
- Thematic analysis
- Using NVIVO & Zotero for your literature review

If any of this is of interest, contact me at
daniela.valdes@warwick.ac.uk for a chat

Daniela Valdes, Msc. Daniela.valdes@warwick.ac.uk



Questions, Feedback, advice?

All welcome – get in touch
Daniela.valdes@warwick.ac.uk

December 2020/ WCCS