



Introductions and practical information

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Norwegian Institute of Public Health

16 September 2020

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Introductions

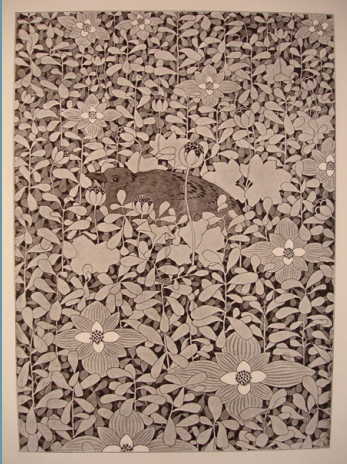
Please introduce yourself including:

- Your name
- Where you are based
- Whether you have done a systematic review of any kind before!
- Please also sign up in the chat box

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Zoom «manners»



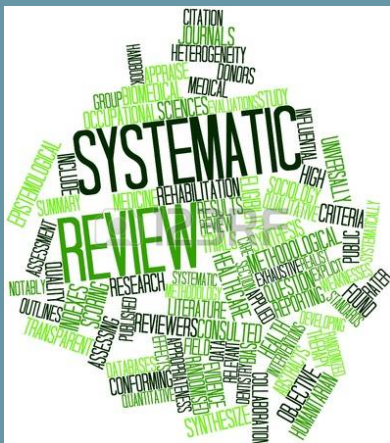
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- Everyone's contributions are welcome and important
- Please use the chat box for questions
- Please turn zoom to mute, but keep the video on
- Please let one of the facilitators know if you have concerns about the course process

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Aim of the course



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To introduce systematic review methodology and critical appraisal skills to enable PhD students, post-doctoral fellows and other researchers to undertake and write up systematic reviews

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Learning outcomes



By the end of the course, participants will:

- Understand the role of a systematic review, and the difference between a narrative and a systematic review
- Have knowledge of the basic elements for a protocol for a systematic review
- Critically appraise different search strategies
- Develop and make a plan to find a relevant research for their own systematic review
- Develop and plan inclusion and exclusion criteria, and develop and critically appraise a sheet for data extraction
- Appraise risk of bias of included studies with explicit criteria in a transparent way
- Be able to do and understand (simple) meta-analysis in RevMan
- Be able to explore and appraise statistical, methodological and clinical heterogeneity
- Be able to appraise the certainty of the evidence with GRADE and understand GRADE 'summary of findings' tables
- Learn about systematic reviews of qualitative and quantitative studies

In addition, some participants will have written a protocol that can be published in PROSPERO

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What we will cover and what we will not cover in the course



- The course is focused on systematic reviews of the effects of interventions
 - Although the principles apply to systematic reviews addressing any kind of question, we will have only brief inputs on the methods for these other kinds of reviews
- It is not feasible in the time available to ensure that you feel proficient in all aspects of systematic reviewing
 - We hope to share general principles and provide a starting point for your work in this area

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Course programme

16 September	17 September	18 September	Weekend	21 September	22 September
Introduction to systematic reviews	<ul style="list-style-type: none"> Searching the literature Developing criteria for selecting studies for inclusion Assessing risk of bias 	<ul style="list-style-type: none"> Extracting data from included studies Synthesis and meta-analysis Protocol development 	Work on protocol	<ul style="list-style-type: none"> GRADE Literature search 	<ul style="list-style-type: none"> Systematic reviews of qualitative studies Assessing how much certainty to place in review findings (GRADE) Peer review

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Teaching staff and slides

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- LL: Lillebeth Larun, KGB: Kjetil Gundro Brurberg, MJ: Marit Johansen, ED: Eva Dennison, AF: Atle Fretheim, JB: Julia Bidonde, HA: Heather Ames, JM: Jose Meneses, GH: Gyri Hval, Unni Olsen (UO), LL: Lillebeth Larun
- All slides will be posted at the NRS GH website and provided the day before

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Preparation



- Please browse through the review that we will use as an example in the course:
- *Face-to-face interventions for informing or educating parents about early childhood vaccination and*
- *Parents' and informal caregivers' views and experiences of communication about routine childhood vaccination: a synthesis of qualitative evidence*

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Weekend homework



- We would be grateful if you could work on your review protocol over the long weekend
- To have input from your peers please submit a draft by day 4 so everyone can prepare for peer review To get the discussion going on day 4, it would be good to have three volunteers to give a 5 minute presentation on their protocol idea – please let me know by Friday if you would like to do this

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Course exam / assessment



- For those who will be completing the exam, this will involve writing a protocol for a systematic review
- The exam has to be submitted by **26 October 2020** to NTNU, via the Insperia platform
- The protocol will be assessed according to PRISMA criteria
- Because of the summer vacation, we expect to have assessed the submitted protocols by end August

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Tutorial times



- You will be assigned a tutor and will have the option of signing up for a tutorial with your tutor by phone or on skype for up to 45 minutes in the period between the end of the course (22 September) and submission of the exam (26th of October)
- You can use this tutorial to get advice on writing your protocol
- A sign-up sheet will be sent out after the course– please choose a timeslot from this sheet and indicate your contact email and a skype ID or phone number on which we can contact you
 - Please let me know if none of the timeslots work for you due to timezone differences or other factors
- Your tutor will contact you to confirm the meeting time
- The course includes an introduction to developing a search strategy for your review. Please note that we will not be providing additional support on developing a search strategy for your protocol

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Practical issues



- The zoom platform is open until Tuesday 18.00
- Lunch break from 12.00 til 13.00
- Lectures will be 45 minutes, generally 15 min introduction, then individual or group work and then summary and clarifications
- To deliver the exam you have to be present at least 80%

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Thanks to....



- Norwegian Research School of Global Health and NTNU
- Elin Dvergsdal, coordinator at NTNU
- Teaching team
- Teaching network and Simon Lewin at NIPH for sharing slides

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Questions?

