

Application for the CRG Networks Innovation Fund 2019

CRG Network Lead: Abdomen and Endocrine Network

Other CRG Networks involved: Public Health and Health Systems

Project team:

- **Principal investigator:**

Cindy Farquhar, Professor of Obstetrics and Gynaecology and Senior Editor,
Abdomen and Endocrine Network

- **Name and full address of affiliation/ host institution and contact email**
(please attach a short biography at the end of the application)

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- **Other members/ fund beneficiaries** *(including name and full address of affiliation/ host institution and contact emails; please attach short biographies of all members at the end of the application)*

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Executive summary

This project is a collaborative prioritisation initiative focusing on obesity, a major global public health issue. The project will involve joint working between members of the Cochrane Abdomen & Endocrine Network, the Cochrane Public Health & Health Systems Network and the Cochrane Nutrition Field. We aim to produce a comprehensive list of obesity titles published in the Cochrane Library, map these titles to international consensus statements to establish evidence gaps, and consult with key external stakeholders to identify priority titles in the field of obesity. We will disseminate the outputs and process of this project through publications, relevant Cochrane community channels, and presentation at a future Cochrane colloquium.

Project Plan

Purpose/ organisational need *(please highlight the significance of this work considering the aims, objectives and scope of the fund and any innovation this approach/ work brings to the organisation):*

Obesity is a significant public health problem. The Global Burden of Disease 2015 Obesity Collaborators estimate that “since 1980, the prevalence of obesity has doubled in more than 70 countries and has continuously increased in most other countries”.¹

The Abdomen & Endocrine and Public Health & Health Systems Networks have chosen to focus on this condition in an innovative project which will see the two networks undertaking joint prioritisation work. Obesity is a key topic for review groups within both networks and is also relevant to the work of review groups within other networks (for example, Eyes & Vision, Wounds and Pregnancy & Childbirth). The formation of the networks has encouraged this type of innovative cross-cutting project to be brought to fruition. There is also a need for groups that have overlapping scope to work together to identify and conduct important Cochrane reviews, whilst avoiding duplication. This collaborative project will improve the content of the Cochrane Library by focussing effort on producing the reviews that are of most use to decision-makers.

¹ Global Burden of Disease 2015 Obesity Collaborators 2017, ‘Health Effects of Overweight and Obesity in 195 Countries over 25 Years’, *New England Journal of Medicine*, vol. 377, pp. 13-27.

Aim:

Our aim is to work collaboratively to identify the ‘top ten’ titles in the field of obesity that would be most useful to international groups developing consensus documents on tackling the obesity epidemic. These may be new titles, or titles in need of updating.

Objectives:

We have the following objectives:

1. To map the current titles on the Cochrane Library (CL) that relate to obesity and identify the relevant review groups involved in this area. The Abdomen and Endocrine Network has already undertaken an initial scoping exercise (Appendix 1) and Cochrane Nutrition has an updated and categorised database of nutrition reviews; this work would benefit from further refinement to create a comprehensive list that is relevant for current policy, programme and practice contexts
2. To identify commonly measured outcomes in the identified Cochrane reviews, which could inform future work on core outcome sets where these do not currently exist
3. To identify international consensus statements that relate to this condition and examine them to ascertain the evidence gaps
4. To feedback to the developers of these consensus statements where we identify Cochrane reviews that already exist, but which they have not identified
5. To map the list of current titles on the CL against the list of evidence gaps to identify the areas where further Cochrane reviews would be helpful
6. To consult with key stakeholders, including consumers, to prioritise evidence gaps using survey methodology

Planned deliverables:

- Comprehensive list of obesity titles published on the CL, against which future title proposals can be checked to ensure unnecessary overlap is avoided
- Prioritised list of the ‘top ten’ titles that are most critical to health care decision makers. These may be existing titles in need of updating, published protocols where publication of the review should be expedited, or new titles.

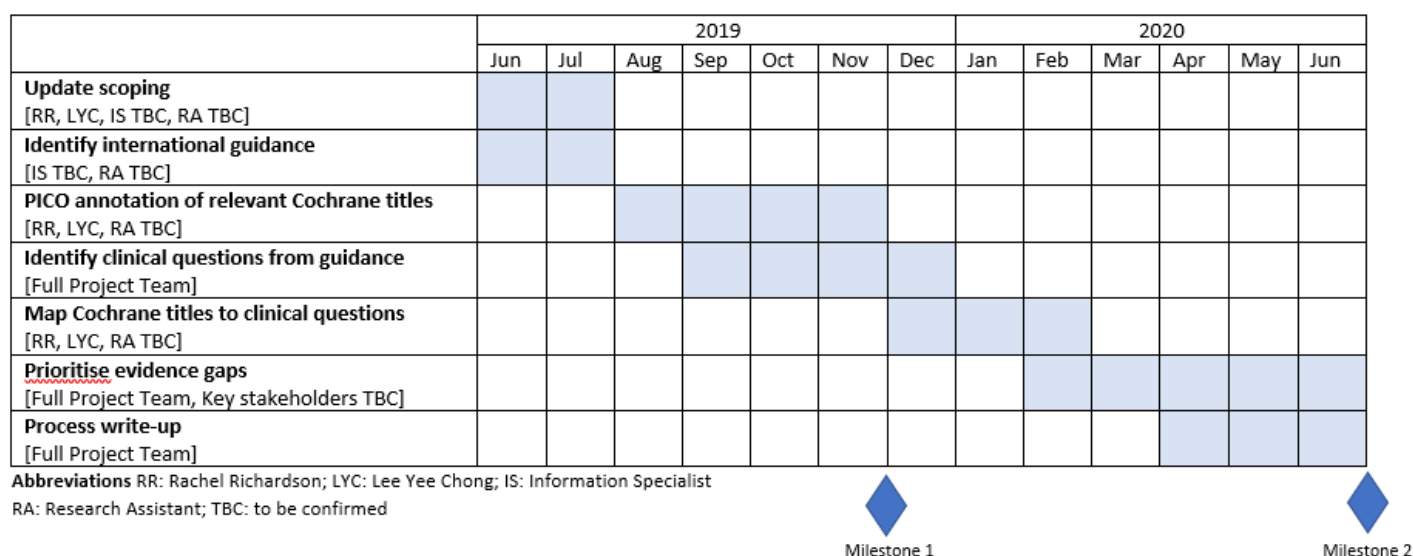
Proposed methods *(Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Consider including how data will be collected, analysed, and interpreted as well as any resource sharing plans as appropriate. You may also consider including potential problems expected and any strategies to address them):*

- Update the initial scoping review produced by the Abdomen and Endocrine Network; the Information Specialist for Cochrane Metabolic and Endocrine Group has suggested improvements to the search strategy. We will also search the specialist database held by the Nutrition Field to identify relevant reviews. We plan for two reviewers to screen retrieved titles to identify those relevant to obesity and extract relevant data for each, including the commonly measured outcomes (objectives 1 and 2)

Obesity Gap Analysis & Prioritisation Project Bid

- We will develop a search strategy to identify international consensus statements, for example [The Lancet Commission report](#). We will consider clinical as well as public health guidelines for addressing obesity and identify where there are gaps in the research evidence, or where the statement developers appear to be unaware of relevant Cochrane titles (objectives 3,4 and 5)
- Identify other research priority lists in the topic of obesity, for example work undertaken by the [MRC](#) (objectives 3, 4 and 5)
- Consultation (teleconference and electronic surveys, possible Delphi exercise) with key stakeholders identified via links with Cochrane Nutrition Field and Cochrane Review Groups within the Public Health & Health Systems and Abdomen & Endocrine Networks. This consultation will result in a list of the 'top ten' most critical titles for healthcare decision makers (objective 6)

Key milestones and timelines (please highlight responsibilities of the project team members for each stage within the timeline, ideally represented through a Gantt chart):



Milestone 1 = Comprehensive list of obesity and diabetes reviews in CLIB completed; commonly measured outcomes identified

Milestone 2 = List of prioritized evidence gaps published; process described and publicly available

Budget (please consider breakdown by type of resource or activity):

Our budget for this project is £10,000. We anticipate that the bulk of this funding will be spent on Research Assistant and Information Specialist time. The Information Specialist will help modify the existing search strategy for obesity-related reviews and will advise on a search strategy for identifying consensus statements. The Research Assistant will design and run the consultation with key stakeholders which will inform the list of priority titles. We think that a cost of £25 per hour is a reasonable assumption. If we allocate £9,000, that means that we will be able to fund 360 hours (roughly 7 weeks) which we believe will be enough for this piece of work. We would anticipate keeping £1,000 for any travel and accommodation costs should it be necessary to meet with key stakeholders in person.

Appendix

Please include all biographical sketches of project team members including the following elements: personal statement - briefly describe why your experience and qualifications make you particularly well-suited for your role (e.g., principal investigator, member) within this project; relevant awards and honors; previous positions, concluding with the present position; selected peer-reviewed publications (no more than 15; including selected publications based on recency/or relevance to the proposed research project).

Please also include any other relevant documents as appendices to support your application as you see fit.

Team Biographies

Professor Cindy Farquhar

Specialist obstetrician and gynaecologist and fertility specialist at National Women's Hospital and Professor of Obstetrics and Gynaecology at the University of Auckland. Cindy has been involved for over 28 years in research projects and leadership in the health and research sector. She is trained in research study design, epidemiology, systematic reviews and quality improvement. Cindy was previously Co-Chair of Cochrane Governing Board and Funding Arbiter. She is currently Senior Editor for the Cochrane Abdomen & Endocrine Network and Co-ordinating Editor of the Gynaecology and Fertility Group.

Selected publications

Farquhar C, Marjoribanks J. Assisted reproductive technology: an overview of Cochrane Reviews. Cochrane Database of Systematic Reviews 2018, Issue 8. Art. No.: CD010537. DOI: 10.1002/14651858.CD010537.pub5.

Trollope H, Leung JPY, Wise M, **Farquhar C**, Sadler L. An evaluation of the objective quality and perceived usefulness of maternity clinical practice guidelines at a tertiary maternity unit. The Australian & New Zealand Journal of Obstetrics & Gynaecology. Epub 6 March 2018.

J M N Duffy, S Bhattacharya, C Curtis, J L H Evers, R G Farquharson, S Franik, Y Khalaf, R S Legro, S Lensen, B W Mol, C Niederberger, E H Y Ng, S Repping, A Strandell, H L Torrance, A Vail, M van Wely, N L Vuong, A Y Wang, R Wang, J Wilkinson, M A Youssef, **C M Farquhar**. COMMIT: Core Outcomes Measures for Infertility Trials: a protocol developing, disseminating and implementing a core outcome set for infertility. Human Reproduction Open, Vol. 2018, Issue 3, May 2018.

Farquhar, C. M., Showell, M. G., Showell, E. A. E., Beetham, P., Baak, N., Mourad, S., & Jordan, V. M. B. (2017). Clinical trial registration in fertility trials - a case for improvement? Human reproduction (Oxford, England), 32(9), 1827-1834. doi:10.1093/humrep/dex251.

Farquhar, C., Marjoribanks, J., Brown, J., Fauser, B. C. J. M., Lethaby, A., Mourad, S., . . . van der Poel, S. (2017). Management of ovarian stimulation for IVF: narrative review of evidence provided for World Health Organization guidance. Reproductive BioMedicine Online, 35(1), 3-16. doi:10.1016/j.rbmo.2017.03.024.

Farquhar, C. M., Showell, M. G., Showell, E. A. E., Beetham, P., Baak, N., Mourad, S., & Jordan, V. M. B. (2017). Clinical trial registration was not an indicator for low risk of bias. Journal of Clinical Epidemiology, 84, 47-53. doi:10.1016/j.jclinepi.2016.11.011.

Duffy, J., Bhattacharya, S., Herman, M., Mol, B., Vail, A., ...**Farquhar CM**. Cochrane Gynaecology and Fertility Group. (2017). Reducing research waste in benign gynaecology and fertility research. BJOG: an international journal of obstetrics and gynaecology, 124(3), 366-369. doi:10.1111/1471-0528.14438.

Professor Lisa Bero

Lisa A. Bero, PhD is an expert in examining how science can be influenced and translated into clinical practice and health policy. She directs the Evidence, Policy and Influence Collaborative Research Program at the Charles Perkins Centre, with Research nodes in Bias, Evidence Synthesis and Pharmaceutical Policy. Professor Bero is Chair of Medicines Use and Health Outcomes, Faculty of Medicine and Health, School of Pharmacy, The University of Sydney. She was Co-Chair, The Cochrane Collaboration, from 2014-2018. She has developed and validated methods for assessing bias in the design, conduct and dissemination of research on pharmaceuticals, tobacco, chemicals, and complex public health interventions. She has also conducted analyses to examine the dissemination and policy implications of research evidence. Her international activities include roles as member and chair of the World Health Organization (WHO) Essential Medicines Committee and Cochrane liaison to WHO. She serves on several committees related to conflicts of interest, evidence and decisions, such as the Institute of Medicine Committee on Conflict of Interest in Medical Research, Education and Practice and the National Academy of Science Committee to review the Environmental Protection Agency Integrated Risk Information System Process.

Selected publications

Bero L, Norris SL, Lawrence M. Making nutrition guidelines fit for purpose. BMJ, in press.

Wang Z, Norris SL, **Bero L**. The advantages and limitations of guideline adaptation frameworks. Implement Sci. 2018 May 29;13(1):72. doi: 10.1186/s13012-018-0763-4.

Blake P, Durao S, Naude C, **Bero L**. An analysis of methods used to synthesize evidence and grade recommendations in food-based dietary guidelines. Nutrition Rev 2018; 76(4): 290-300 doi: 10.1093/nutrit/nux074.

Fabbri A, Chartres N, **Bero LA**. Study sponsorship and the nutrition research agenda: analysis of cohort studies examining the association between nutrition and obesity. Public Health Nutrition, 2017; 20(17): 3193-3199 doi:10.1017/S1368980017002178.

Fabbri A, Chartres N, Scrinis G, **Bero LA**. Study sponsorship and the nutrition research agenda: analysis of randomized controlled trials included in systematic reviews of nutrition interventions to address obesity. Public Health Nutrition, 2016. doi:10.1017/S1368980016003128.

Chartres N, Fabbri A, **Bero LA**. Association of industry sponsorship with outcomes of nutrition studies: A systematic review and meta-analysis. JAMA Int Med, 2016. doi:10.1001/jamainternmed.2016.6721.

Wang Z, Norris SL, **Bero L**. Implementation plans included in World Health Organisation guidelines. Implementation Science.2016, 11:76 DOI: 10.1186/s13012-016-0440-4

Professor Bernd Richter

Professor Richter is the Co-ordinating Editor of the Cochrane Metabolic and Endocrine Disorders (CMED) groups, based at the Institute of General Medicine, University Hospital Duesseldorf, Germany (Heinrich-Heine University). Since 2000, the CMED group has been preparing systematic reviews on the benefits and harms of health-care interventions for metabolic and

endocrine disorders, particularly diabetes mellitus and obesity. Professor Richter served as the interim Senior Editor for the Abdomen & Endocrine network in 2018.

Selected publications

Richter B, Hemmingsen B, Metzendorf MI, Takwoingi Y. Development of type 2 diabetes mellitus in people with intermediate hyperglycaemia. Cochrane Database of Systematic Reviews 2018, Issue 10. Art. No.: CD012661. DOI: 10.1002/14651858.CD012661.pub2.

Hemmingsen B, Gimenez-Perez G, Mauricio D, Roqué i Figuls M, Metzendorf MI, **Richter B**. Diet, physical activity or both for prevention or delay of type 2 diabetes mellitus and its associated complications in people at increased risk of developing type 2 diabetes mellitus. Cochrane Database of Systematic Reviews 2017, Issue 12. Art. No.: CD003054. DOI: 10.1002/14651858.CD003054.pub4.

Mead E, Atkinson G, **Richter B**, Metzendorf MI, Baur L, Finer N, Corpeleijn E, O'Malley C, Ells LJ. Drug interventions for the treatment of obesity in children and adolescents. Cochrane Database of Systematic Reviews 2016, Issue 11. Art. No.: CD012436. DOI: 10.1002/14651858.CD012436.

Ells LJ, Mead E, Atkinson G, Corpeleijn E, Roberts K, Viner R, Baur L, Metzendorf MI, **Richter B**. Surgery for the treatment of obesity in children and adolescents. Cochrane Database of Systematic Reviews 2015, Issue 6. Art. No.: CD011740. DOI: 10.1002/14651858.CD011740.

Associate Professor Luke Wolfenden

Luke is Joint Co-ordinating Editor of Cochrane Public Health since July 2019. Luke is a behavioural scientist, and health service researcher with a research focus on the reduction of the burden of chronic disease related to obesity, diet, physical inactivity, alcohol and tobacco use in the community. Luke has conducted trials of health behaviour interventions or of population wide-dissemination and implementation strategies in hospitals, out-patient clinics, schools, child care centres, community organisations, and sports clubs. Luke is also actively involved in research on dissemination and implementation strategies to increase the adoption of evidence-based chronic disease prevention practices and conducting methodological research to facilitate the translation of research into practice. He has collaborated with policy makers or practitioners in Australia and the WHO.

Selected publications

McCrabb S, Lane C, Hall A, Milat A, Bauman A, Sutherland R, Yoong S, **Wolfenden L**. 'Scaling-up evidence-based obesity interventions: A systematic review assessing intervention adaptations and effectiveness and quantifying the scale-up penalty', Obesity Reviews, (2019)

Innes-Hughes C, Rissel C, Thomas M, **Wolfenden L**. Reflections on the NSW Healthy Children Initiative: a comprehensive, state-delivered childhood obesity prevention initiative. Public Health Res Pract. 2019;29(1):e2911908.

Wolfenden L, Jones J, Williams CM, Finch M, Wyse RJ, Kingsland M, Tzelepis F, Wiggers J, Williams AJ, Seward K, Small T, Welch V, Booth D, Yoong SL. Strategies to improve the implementation of healthy eating, physical activity and obesity prevention policies, practices or programmes within childcare services. Cochrane Database of Systematic Reviews 2016, Issue 10. Art. No.: CD011779. DOI: 10.1002/14651858.CD011779.pub2.

Wolfenden L, Nathan NK, Sutherland R, Yoong SL, Hodder RK, Wyse RJ, Delaney T, Grady A, Fielding A, Tzelepis F, Clinton-McHarg T, Parmenter B, Butler P, Wiggers J, Bauman A, Milat A, Booth D,

Williams CM. Strategies for enhancing the implementation of school-based policies or practices targeting risk factors for chronic disease. Cochrane Database of Systematic Reviews 2017, Issue 11. Art. No.: CD011677. DOI: 10.1002/14651858.CD011677.pub2.

Wolfenden L, Goldman S, Stacey FG, Grady A, Kingsland M, Williams CM, Wiggers J, Milat A, Rissel C, Bauman A, Farrell MM, Légaré F, Ben Charif A, Zomahoun HTV, Hodder RK, Jones J, Booth D, Parmenter B, Regan T, Yoong SL. Strategies to improve the implementation of workplace-based policies or practices targeting tobacco, alcohol, diet, physical activity and obesity. Cochrane Database of Systematic Reviews 2018, Issue 11. Art. No.: CD012439. DOI: 10.1002/14651858.CD012439.pub2.

Dr Celeste Naude

Celeste is a registered dietitian (SA and UK), and her academic interests include evidence synthesis, knowledge translation and evidence-informed decision-making in policy and practice for nutrition, health and other sustainable development outcomes. She is an Associate Editor of the Cochrane Effective Practice and Organisation of Care (EPOC) Group and Nutrition Journal (BMC), member of the Cochrane Fields Executive Committee, Cochrane Africa, the South Africa GRADE Network, and an invited member of the Chronic Disease Initiative for Africa and of NutriRECS. Celeste is involved in international research networks via the Research, Evidence and Development Initiative (READ-It). Nationally, she serves on the Department of Health's Ministerial Committee on Mortality and Morbidity in Children and sub-nationally on the Technical Reference Group on Healthy Eating (Western Cape Government).

Selected publications

Naude CE, Visser ME, Nguyen KA, Durao S, Schoonees A. Effects of total fat intake on bodyweight in children. Cochrane Database of Systematic Reviews 2018, Issue 7. Art. No.: CD012960.

Farebrother J, **Naude CE**, Nicol L, Sang Z, Yang Z, Andersson M, Jooste P, Zimmerman M. Effects of Iodized Salt and Iodine Supplements on Prenatal and Postnatal Growth: A Systematic Review. *Advances in Nutrition* 2018;9(3):219-237

Young T, Shearer J, **Naude CE**, Kredt T, Wiysonge C, Garner P. Researchers and policymaker dialogue: the Policy BUDDIES Project in Western Cape Province, South Africa. *BMJ Glob Health* 2018; 3: e001130. doi:10.1136/bmjgh-2018-001130

Blake P, Durao S, **Naude CE**, Bero L. Food based Dietary Guidelines: an analysis of methods used to synthesize evidence and grade recommendations. *Nutrition Reviews* 2018 Feb 7. doi: 10.1093/nutrit/nux074.

Young T, **Naude CE**, Brodovcky T, Esterhuizen T. Building capacity in Clinical Epidemiology in Africa: experiences from masters programmes. *BMC Medical Education* 2017; 17:46

Meerpohl JJ, **Naude CE**, Garner P, Mustafa RA, Schünemann HJ. Comment on “Perspective: NutriGrade: A Scoring System to Assess and Judge the Meta-Evidence of Randomized Controlled Trials and Cohort Studies in Nutrition Research”. *Adv Nutr.* 2017 Sep 15;8(5):789-790.

Naude CE, Durao S, Harper A, Volmink J. Scope and quality of Cochrane reviews of nutrition interventions: a cross-sectional study. *Nutrition Journal* 2017; 16:22

Naude CE, Zani B, Ongolo-Zogo P, Wiysonge CS, Dudley L, Kredt T, Garner P, Young T. Research evidence and policy: qualitative study in selected provinces in South Africa and Cameroon. *Implementation Science* 2015; 10: 126

Solange Durão

Solange is a Senior scientist at Cochrane South Africa, South African Medical Research Council, where she has worked since 2013. She is also co-Director of Cochrane Nutrition and of Cochrane Africa. She holds a Masters in Public Health (specializing in epidemiology) and a BSc in Dietetics. Previously she worked as a research assistant at Stellenbosch University, contributing to a book chapter on systematic reviews, and as a lecturer in the Dietetics Department of the University of the Western Cape (UWC). She has experience in conducting Cochrane systematic reviews and evidence synthesis methods research, and has also been involved in priority setting projects of Cochrane Nutrition, Cochrane Africa and the collaboration for evidence-based health care and public health in Africa (CEBHA+). She has also been involved in guideline development work with WHO.

Selected publications

Schmidt BM, **Durao S**, Toews I, Bavuma CM, Meerpohl JJ, Kredo T. Screening strategies for hypertension. Cochrane Database of Systematic Reviews 2018, Issue 11. Art. No.: CD013212. DOI: 10.1002/14651858.CD013212.

Naude CE, Visser ME, Nguyen KA, **Durao S**, Schoonees A. Effects of total fat intake on bodyweight in children. Cochrane Database of Systematic Reviews 2018, Issue 7. Art. No.: CD012960. DOI: 10.1002/14651858.CD012960.pub2.

Blake P, **Durao S**, Naude C and Bero L. Food based Dietary Guidelines: a cross-sectional study of methods used to synthesize evidence and grade recommendations. Nutrition Reviews 2017

Naude C, **Durao S**, Harper A and Volmink J. Scope and quality of Cochrane reviews of nutrition interventions: a cross-sectional study. Nutrition Journal, 2017; 16:22 2017, DOI 10.1186/s12937-017-0244-7

Lawrence M, Wingrove K, Naude S and **Durao S**. Evidence Synthesis and Translation for Nutrition Interventions to Combat Micronutrient Deficiencies with Particular Focus on Food Fortification. Nutrients 2016, 8, 555; doi:10.3390/nu8090555

Rehfuess EA, **Durao S**, Kyamanywa P, Meerpohl JJ, Young T, Rohwer A on behalf of the CEBHA+ consortium. Setting evidence-based and stakeholder-informed research priorities in resource-limited settings: the CEBHA+ approach. Bull World Health Organ 2016; 94:297–305| doi: <http://dx.doi.org/10.2471/BLT.15.162966>

Liz Bickerdike

Liz is the Associate Editor supporting the CRGs in Abdomen & Endocrine Network, with a primary focus on review quality. Liz joined Cochrane in October 2015 from the Centre for Reviews and Dissemination (CRD) at the University of York, where she had been a research fellow in knowledge translation. She also has experience as a systematic reviewer and project manager for guideline development in women and children's health for the UK body NICE. Liz was previously a managing editor for the Cochrane Heart Group.

Selected publications

Bickerdike L, Booth A, Wilson PM, et al. Social prescribing: less rhetoric and more reality. A systematic review of the evidence. BMJ Open 2017;7: e013384. doi:10.1136/bmjopen-2016-013384

Wilson PM, Farley, **Bickerdike L**, et al. Does access to a demand-led evidence briefing service improve uptake and use of research evidence by health service commissioners? A controlled before and after study. Implementation Science 2017; 12: 20 doi:10.1186/s13012-017-0545-4

Wilson P, Farley K, **Bickerdike L**, et al. Effects of a demand-led evidence briefing service on the uptake and use of research evidence by commissioners of health services. *Health Serv Deliv Res.*2017;5(5)

Rachel Richardson

Rachel is the Network Support Fellow for the Abdomen and Endocrine Network. She has experience as a systematic reviewer for Cochrane and has also worked as a Dissemination Officer at CRD at the University of York, which involved working with stakeholders. She has worked as part of several research project teams, including running a clinical trial, which meant delivering projects to agreed deadlines.

Selected publications

Richardson R, Dale HE, Wellby G, McMillan D, Churchill R. Mental Health First Aid as a tool for improving mental health and well-being. *Cochrane Database of Systematic Reviews* 2018, Issue 9. Art. No.: CD013127. DOI: 10.1002/14651858.CD013127.

Littlewood E, Duarte A, Hewitt C, Knowles S, Palmer S, Walker S, Andersen P, Araya R, Barkham M, Bower P, Brabyn S, Brierley G, Cooper C, Gask L, Kessler D, Lester H, Lovell K, Muhammad U, Parry G, Richards DA, **Richardson R**, Tallon D, Tharmanathan P, White D & Gilbody S. A randomised controlled trial of computerised cognitive behaviour therapy for the treatment of depression in primary care: The Randomised Evaluation of the Effectiveness and Acceptability of Computerised Therapy (REEACT) trial. *Health Technology Assessment* 2015;19 (101).

Richardson R, Trépel D, Perry A, Ali S, Duffy S, Gabe R, Gilbody S, Glanville J, Hewitt C, Manea L, Palmer S, Wright B & McMillan D. Screening for psychological and mental health difficulties in young people who offend: a systematic review and decision model. *Health Technology Assessment* 2015;19 (1).

Lee Yee Chong

Lee Yee is the Network Support Fellow for the Public Health and Health Systems Network. She has a broad research interest in assessing the impact of healthcare interventions and translation of evidence into clinical practice, guidelines and policies. Lee Yee has been conducting reviews and providing methodological support to authors and editors in various Cochrane review groups. She has been involved in initiatives such as introducing scoping into the review process, standardising/structuring reviews and implementation of GRADE. Prior to working with Cochrane, she was a senior research fellow in clinical guideline development for NICE. She was involved in one of the early pilots of implementing GRADE in NICE guidelines, and has worked on guidelines that are focused on prevention and risk assessments, rather than treatment such as prevention of infections in primary healthcare settings, prevention of venous thromboembolism (VTE), and screening for cancer/haemophilia in patients with VTE.

Selected publications

Monica Hultcrantz, Reem A Mustafa Mariska M.G. Leeflang, Valéry Lavergne, Kelly Estrada Orozco, Mohammed T Ansari, Ariel Izcovich, Jasvinder Singh, **Lee Yee Chong**, Anne Rutjes, Karen Steingart, Airton Steinq, Nigar Sekercioglus, Ingrid Arévalo Rodriguez, Rebecca Morgan, Gordon Guyatt, Patrick Bossuyt, Miranda W Langendam, Holger Schünemann. Defining ranges for certainty ratings of diagnostic accuracy: A GRADE concept paper. *Journal of Clinical Epidemiology*, in press.

Head K, **Chong LY**, Bellorini J, Faulkner S, Bhutta M, Vijayasekaran S, Burton M, Schilder A Brennan-Jones C. Identifying global priority areas for systematic reviews in Chronic Otitis Media – the importance of stakeholder engagement. Global Evidence Summit 13-16 Sept 2017, Cape Town, South Africa.

Chong LY, Head K, Vijayasekaran S, Bhutta M, Schilder A, Burton M, Brennan-Jones C. Priority Areas for Systematic Reviews in Chronic Otitis Media. Findings from a systematic scoping process. Global Evidence Summit 13-16 Sept 2017, Cape Town, South Africa.

Chong L-Y, Fenu E, Stansby G, Hodgkinson S; on behalf of the Guideline Development Group. Management of venous thromboembolic diseases and the role of thrombophilia testing: summary of NICE guidance. BMJ 2012;344:e3979.

Treasure T, **Chong LY**, Sharpin C, Wonderling D, Head K, Hill J. Developing guidelines for venous thromboembolism for The National Institute for Health and Clinical Excellence: involvement of the orthopaedic surgical panel. J Bone Joint Surg Br. 2010;92(5):611-6.

Wild D, Eremenco S, Mear I, Martin M, Houchin C, Gawlicki M, Hareendran A, Wiklund I, **Chong LY**, von Maltzahn R, Cohen L, Molsen E. Multinational trials-recommendations on the translations required, approaches to using the same language in different countries, and the approaches to support pooling the data: the ISPOR Patient-Reported Outcomes Translation and Linguistic Validation Good Research Practices Task Force report. Value Health. 2009 ;12(4):430-40.

Chong LY, Chay OM, Li SC. Is the Childhood Asthma Questionnaire a good measure of Health-related Quality of Life of Asthmatic Children in Asia? Validation of Childhood Asthma Questionnaire (CAQ-B) Among Asthma Paediatric Patients in Singapore. Pharmacoeconomics 2006; 24 (6): 609-621.

Appendix 1

LTCA Diabetes and Obesity Scoping Review

Summary

In January and February 2019 I carried out searches of the Cochrane Library to identify Cochrane reviews and protocols that relate to diabetes mellitus and obesity/overweight. I ‘hand searched’ all reviews and protocols published by the Metabolic and Endocrine Disorders group. This returned 129 reviews and 75 protocols. I also ran a search of all reviews and protocols published by other groups using the search terms ‘diabet*’, ‘obes*’ and ‘overweight’ in Title/Abstract/Keyword. This returned 377 review and 36 protocols. I selected reviews and protocols that were directly relevant to diabetes mellitus and obesity/overweight and also to lifestyle change/advice interventions aimed at targeting these conditions. Searching for reviews and protocols using the term ‘weight’ returned over 1,000 hits and so I did not consider these results further. I excluded reviews and protocols that have been withdrawn

Findings

I found 156 reviews and 27 protocols relating to diabetes mellitus and 48 reviews and 21 protocols relating to obesity/overweight. Two reviews related to both conditions. Chart 1 shows the breakdown of reviews by review group and Chart 2 shows the breakdown of protocols by review group. It is clear that the MED group produces the majority of relevant reviews, although there are also many relevant reviews published by Pregnancy and Childbirth, Wounds, Eyes and Vision, and Kidney and Transplant. The review with the oldest version published date is *Interventions to improve the management of diabetes mellitus in primary care, outpatient and community settings*, published by the EPOC group in October 2000.

Next Steps

Depending on how this work is taken forward, the searches could be expanded or narrowed. It may also be useful to expand on the information given about each review and protocol.

Reviews

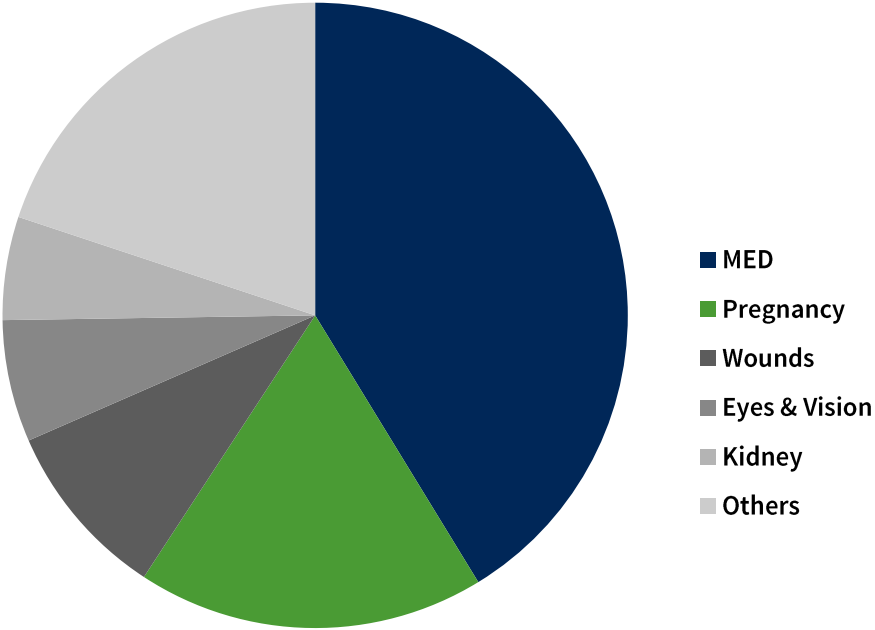


Chart 1: Breakdown of reviews by review group

Protocols

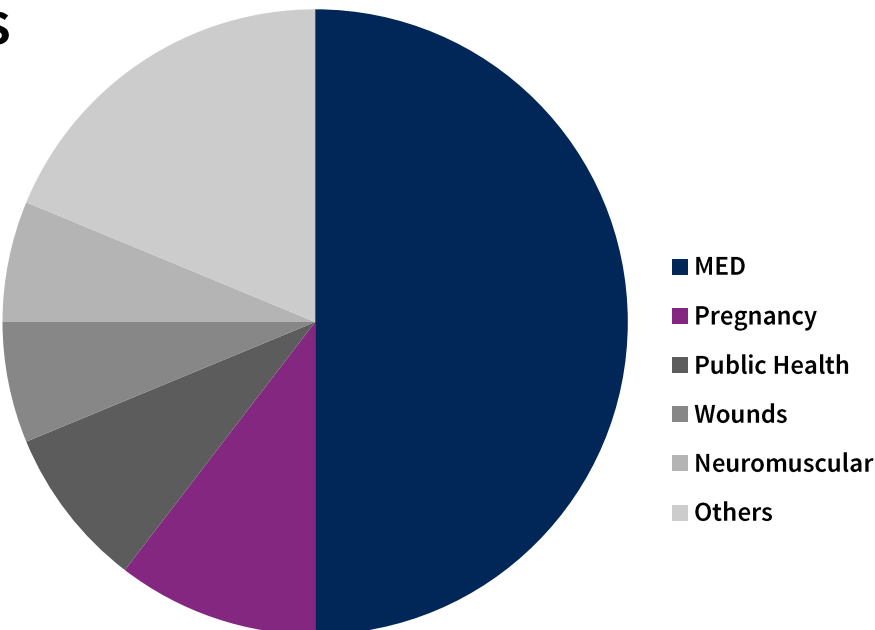


Chart 2: Breakdown of protocols by review group