

LSHTM systematic review support: past, present and future

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HEALTH SERVICES AND DELIVERY RESEARCH

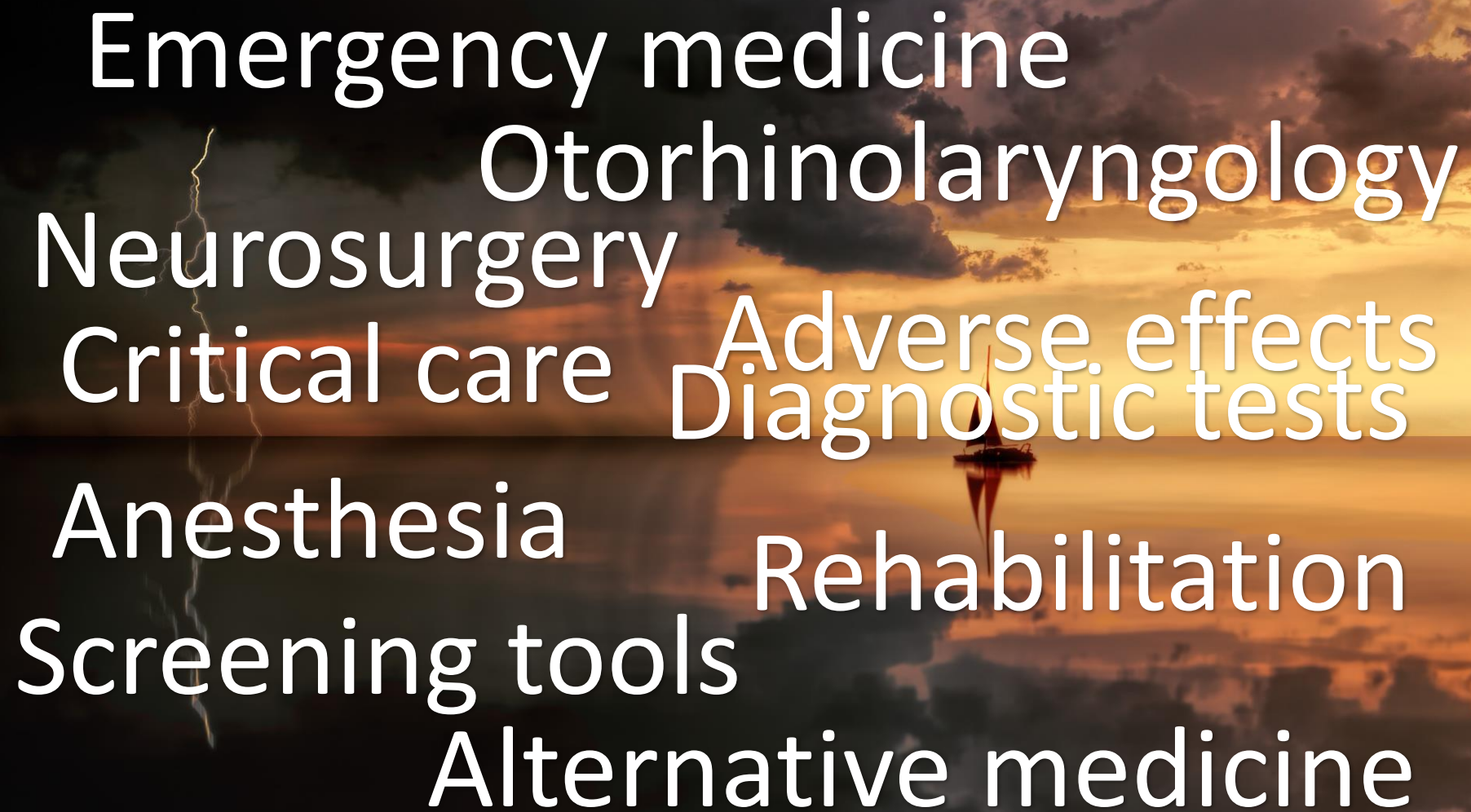
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The organisation and delivery of health improvement in general practice and primary care: a scoping study

*Stephen Peckham, Jane Falconer, Steve Gillam, Alison Hann,
Sally Kendall, Kiran Nanchahal, Benjamin Ritchie,
Rebecca Rogers and Andrew Wallace*

#EAHIL2016





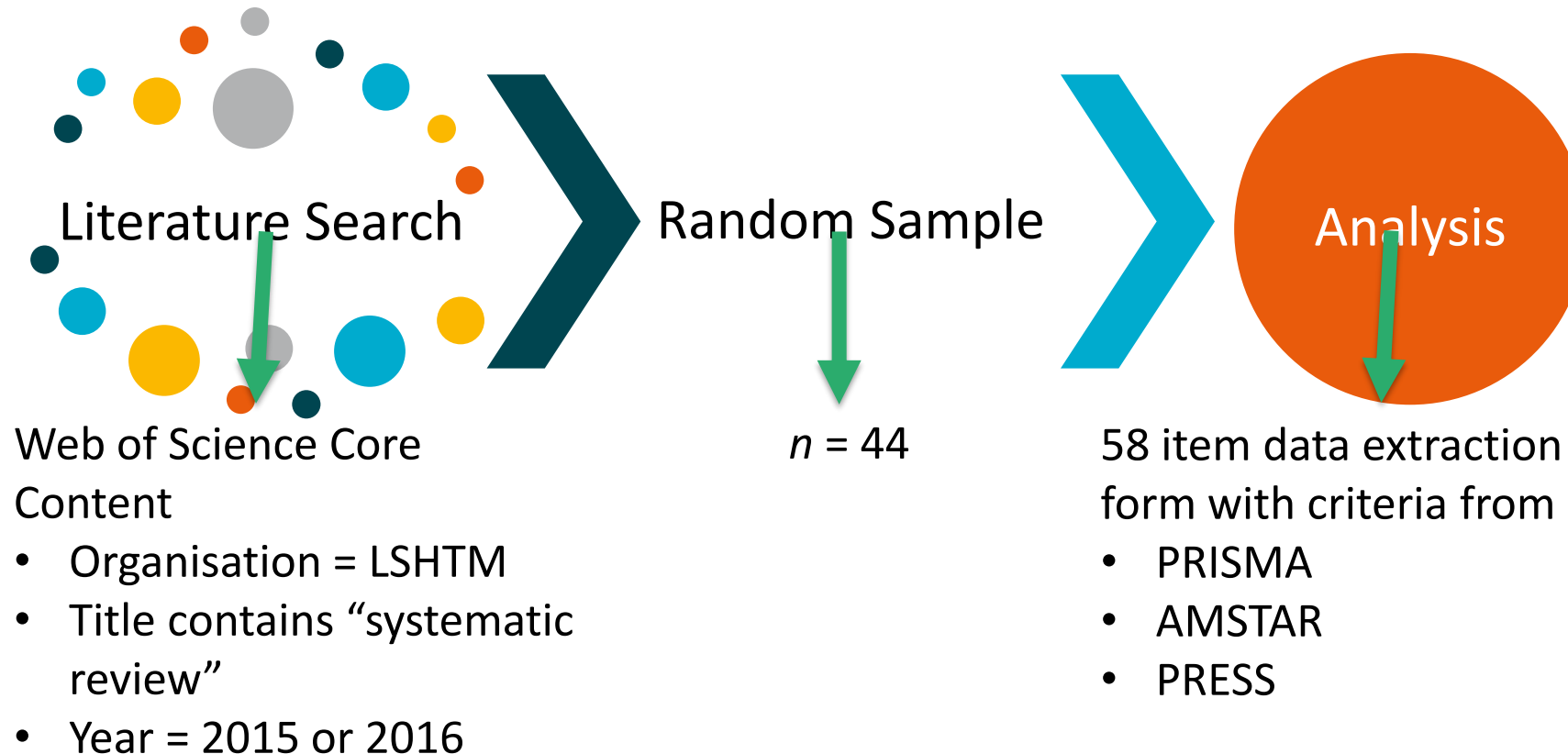
Emergency medicine
Otorhinolaryngology
Neurosurgery
Critical care
Adverse effects
Diagnostic tests
Anesthesia
Rehabilitation
Screening tools
Alternative medicine

Emergency medicine
Otorhinolaryngology
Medline, February 2014,
300 systematic reviews
Rehabilitation
Screening tools
Alternative medicine






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Overall quality score

No search strategy was
published




11

Major problems leading to lack
of confidence in study validity




20

Minor problems unlikely
to impact study validity



10

No problems with reporting
or search quality



3

45%

Showed serious flaws

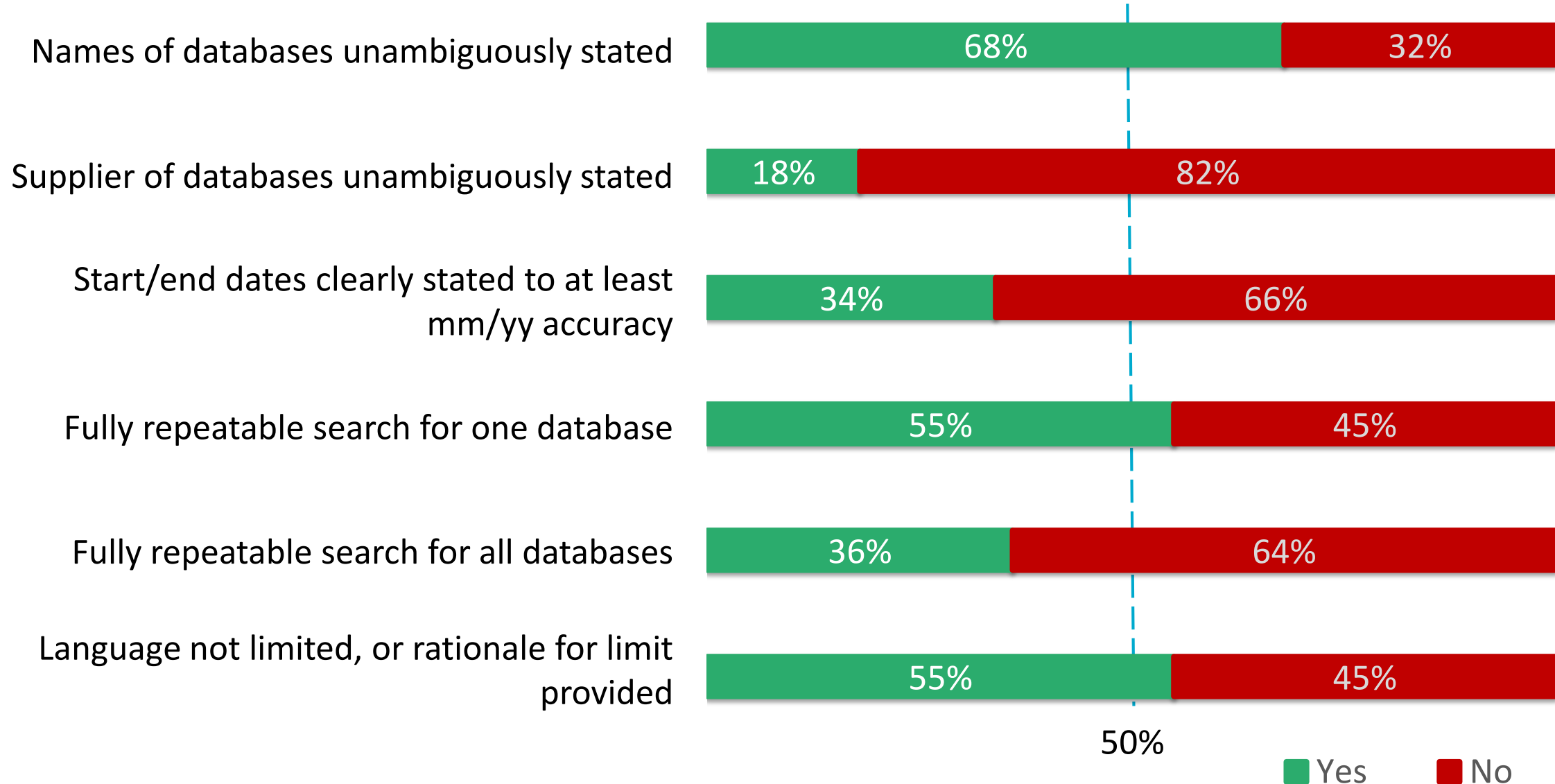
25%

Could not be assessed due
to lack of information

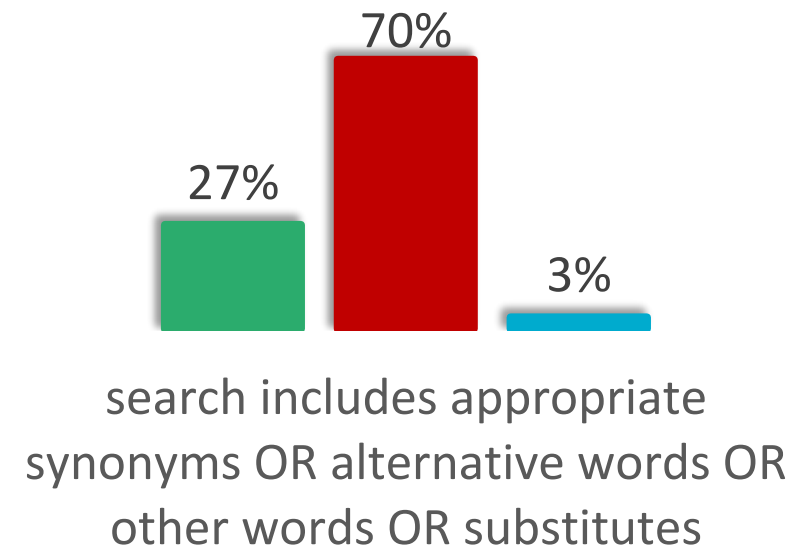
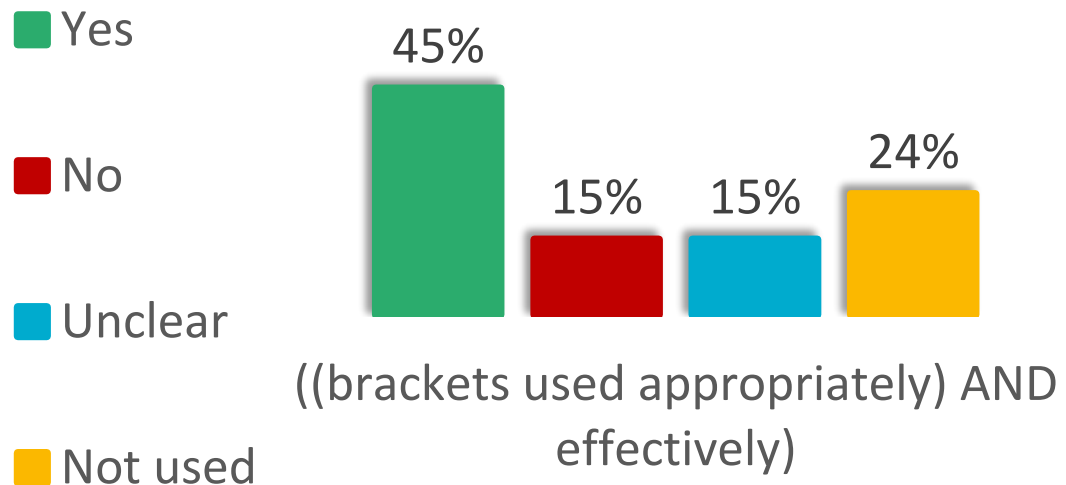
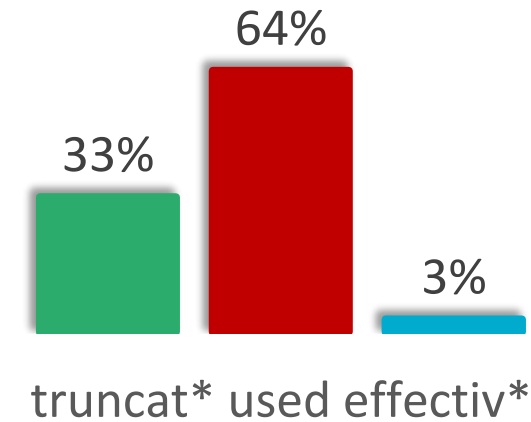
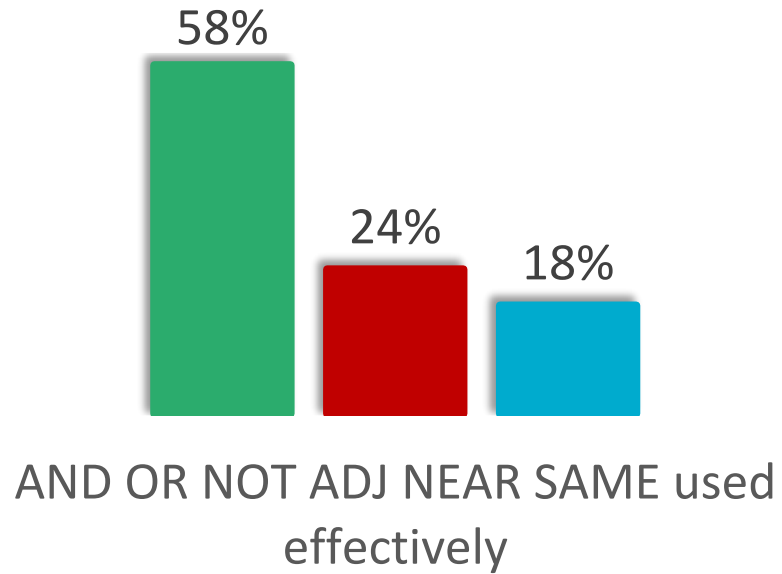
7%

Good quality search,
clearly reported

Reporting of search strategies



Quality of search strategies– basic skills









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**PRESS review of Economic Shocks and their effect
on risky sexual behaviours search strategy**

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**PRESS review of 'Food provision in early
years' settings.' search strategy.**

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**PRESS review of Mechanisms and pathways of romantic jealousy
and infidelity in intimate partner violence search strategy**

PRESS Feedback

This is very helpful - thank you. I don't have any questions at the moment, but I will follow up if any arise as I refine the search strategy based on your recommendations.

Thank you for the quick responses and review!
The comments and links are very helpful.

Thanks for the recommendations and comprehensive review of the search strategy.

Many thanks for this – really helpful. I'll make these modifications and see how things run after they have been incorporated.

Thank you for this feedback. It is very useful.

thank you so much for your quick reply! This really is a great help. I also didn't feel comfortable with not integrating MeSH terms into my search, so thanks for the feedback. I will again try to narrow the MeSH terms down even more.

Thanks so much. Very helpful!

Thanks so much for this feedback, v helpful, I'm looking forward to going through these with colleagues next week. Much appreciated.

Search strategies on demand



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Search strategies on demand feedback

We have always used a specialist information person in our reviews. Jane was the best we have used - really engaged in the topic, did some background research and was really thoughtful about terms.

The librarian we worked with more than halved the time it would have taken us to write the search terms, reformat them for each database and collect all of the papers in one Endnote library. We would have had to add additional weeks to our short grant period to conduct such an extensive search. The librarian we worked with also refined our search terms in a way that helped gather more papers due to work combinations etc. We would have definitely missed papers without their help.

The search strings were much improved which helped with peer review at the protocol stage (- with Cochrane) and no doubt rendered our searches more comprehensive and efficient.

We really appreciate all your guidance, as well as having done this in a fraction of the time it would have taken us to do it.

It was great to meet you both earlier this week. I was saying to Nic afterwards how comforting it is having expert searchers on board!

There was valued input to the paper and final manuscript from the librarian that improved the quality of the paper.

Authors on published reviews



Original Investigation | Infectious Diseases

Global Epidemiologic Characteristics of Sexually Transmitted Infections Among Individuals Using Preexposure Prophylaxis for the Prevention of HIV Infection A Systematic Review and Meta-analysis

Jason J. Ong, PhD, MBBS; Rachel C. Baggaley, MSc, MBBS; Teodora E. Wai, MD; Joseph D. Tucker, PhD, MD; Hongyun Fu, PhD; M. Kumi Smith, PhD; Sabrina Rafael, MSc; Vanessa Anglade, MSc; Jane Falconer, MA; Richard Ofori-Asenso, PhD; Fern Terris-Prestholt, PhD; Ioannis Hodges-Mameletzis, DPhil; Philippe Mayaud, MD

The Author(s) *BMC Infectious Diseases* 2017, **17**(Suppl 1):698
DOI 10.1186/s12879-017-2772-3



BMJ Global Health

Interventions to improve water supply and quality, sanitation and handwashing facilities in healthcare facilities, and their effect on healthcare-associated infections in low-income and middle-income countries: a systematic review and supplementary scoping review

Julie Watson,¹ Lauren D'Mello-Guyett,¹ Erin Flynn,² Jane Falconer,³ Joanna Esteves-Mills,¹ Alain Prual,⁴ Paul Hunter,⁵ Benedetta Allegranzi,⁶ Maggie Montgomery,⁷ Oliver Cumming¹

BMC Infectious Diseases

RESEARCH

Open Access

Diagnostic accuracy of tests to detect hepatitis B surface antigen: a systematic review of the literature and meta-analysis



Ali Amini¹, Olivia Varsaneux¹, Helen Kelly¹, Weiming Tang^{2,3}, Wen Chen⁴, Debrah I. Boeras¹, Jane Falconer¹, Joseph D. Tucker^{2,3}, Roger Chou⁵, Azumi Ishizaki⁶, Philippa Easterbrook⁶ and Rosanna W. Peeling^{1*}

Data repository deposits and deposit guide

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Search strategies for
drinking water supply
handwashing facilities
their effect on health



Create a Search Strategy record in LSHTM Data Compass

About this Guide

LSHTM Data Compass is a curated digital repository of research data and other reusable resources produced by LSHTM researchers and their collaborators.

This User Guide explains how LSHTM staff and students can publish their search strategies in LSHTM Data Compass

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Search strategies for: "Safeguarding human health
in the Anthropocene epoch: report of the
Rockefeller Foundation–Lancet Commission on
planetary health"

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Evidence Synthesis

London Systematic Searchers' Network



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Using standards and guidelines to inform support for systematic reviews

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Future plans



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Conclusion



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