


Patientinflytande i forskningsagendan

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STATENS BEREDNING FÖR MEDICINSK OCH SOCIAL UTVÄRDERING

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BROWSE PUBLISH ABOUT

PLOS MEDICINE

OPEN ACCESS
ESSAY

Why Most Clinical Research Is Not Useful

John P. A. Ioannidis

Published: June 21, 2016 • <https://doi.org/10.1371/journal.pmed.1002049>


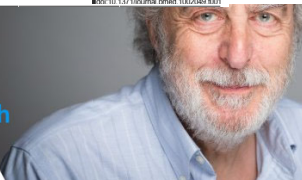
Feature	Questions to Ask
Problem base	Is there a health problem that is big/important enough to fix?
Context placement	Has prior evidence been systematically assessed to inform (the need for) new studies?
Information gain	Is the proposed study large and long enough to be sufficiently informative?
Pragmatism	Does the research reflect real life? If it deviates, does this matter?
Patient centeredness	Does the research reflect top patient priorities?
Value for money	Is the research worth the money?
Feasibility	Can this research be done?
Transparency	Are methods, data, and analyses verifiable and unbiased?

Series from the Lancet journals

Research: increasing value, reducing waste
Published: January 8, 2014

Executive Summary
The great majority of papers about research in the first quarter of 2013 of about 1000 journals about which research has been referred to were of research that were also considered of greater importance to the improvement of research design, methods and analysis, research ethics, and other aspects of the research process than to the research itself. The findings have an effect of about 10% of the total of all published research. Finally, the findings of all of these papers are of greater importance to the improvement of research than to the research itself. The findings of all of these papers are of greater importance to the improvement of research than to the research itself.

Comments
How should medical science change?
Biomedical research: increasing value, reducing waste
How to increase value and reduce waste when research priorities are set
Improving value and reducing waste in research design, conduct, and analysis
Improving value and reducing waste in biomedical research: regulation and management
The quality of research: how to improve it

Sir Iain Chalmers and Paul Glasziou
'Avoidable waste in the production and reporting of research evidence', *The Lancet*, Volume 374, Issue 9683, Pages 88–89, 4 July 2009.

we need less research, better research and the right reasons and of poor medical research BMJ 1994


Editorials

Waste in covid-19 research
BMJ 2020 ; 369 doi: <https://doi.org/10.1136/bmj.m1847> (Published 12 May 2020)
Cite this as: *BMJ* 2020;369:m1847

and wider use of preprints. But many problems have become evident. Before the pandemic, it was estimated that up to 85% of research was wasted because of poor questions, poor study design, inefficiency of regulation and conduct, and non or poor reporting of results.¹ Many of these problems are amplified in covid-19 research, with time pressures and inadequate research infrastructure contributing.

Feature » Essay

Research waste is still a scandal—an essay by Paul Glasziou and Iain Chalmers
BMJ 2018 ; 363 doi: <https://doi.org/10.1136/bmj.k4645> (Published 12 November 2018)
Cite this as: *BMJ* 2018;363:k4645



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Prioriterade utfall (COS) och forskningsfrågor (JLA): vad är det?

JLA:

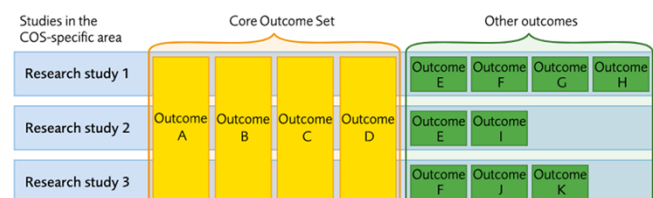
Vad är det som är viktigt att studera?

COS:

Vilka utfall ska forskningen fokusera på?

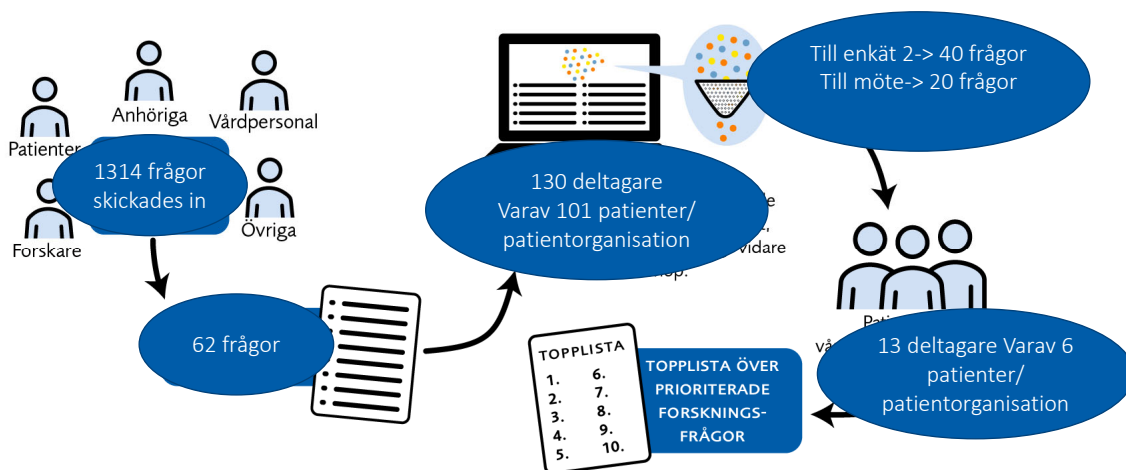


Figure 1 Schematic illustration showing the intended use of COS.



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Prioritering av forskningsfrågor



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Prioriterade frågor

Gruppen valde att inte rangordna 1-10 utan att lyfta 5 frågor som extra prioriterade

Högst prioritet

Vilka diagnostiska kriterier behövs för en diagnos av lipödem? Hur kan lipödem diagnosticeras/upptäckas tidigt i sjukdomsförloppet och/eller under tonåren/puberteten?

Vilka utfall är det viktigt att forskningen inom lipödem mäter

Vilken effekt har manuella behandlingar på lipödem, exempelvis manuellt lymfdränage, bindvävsmassage

Vilken effekt har fettsugning på lipödem

Vilken effekt har hormonella behandlingar/ hormonella läkemedel på lipödem

Näst högst prioritet

Vilken effekt har olika paramedicinska insatser vid lipödem

Går det att identifiera biomedicinska markörer för att diagnostisera lipödem

Kan kosten förebygga och/eller reversera lipödem

Vilken effekt har medicinska kompressionsplagg/kompressionsbehandling på lipödem

Vilken effekt har kompressionspump på lipödem



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The screenshot shows a webpage from Linköping University (liu.se) with the title "Bristningars betydelse". The page content includes:

- A large image of a cracked surface, likely representing a crack in a material or a crack in a patient's skin.
- Text discussing the significance of cracks in childbirth complications, mentioning research on patient perspectives and the impact of cracks on the body.
- A section titled "Brister och bristningar i svensk förlossningsvård" (Cracks and cracks in Swedish childbirth care), which discusses the prevalence of cracks and the need for research to improve care.

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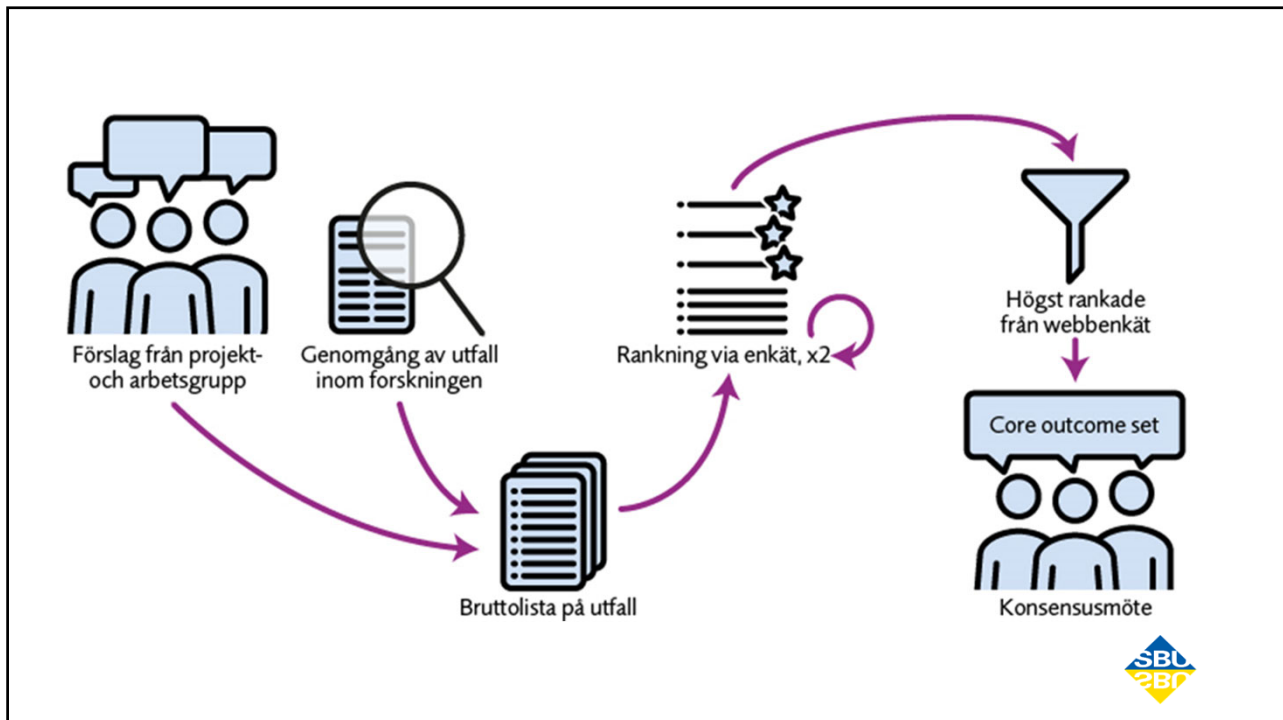
Core outcome set

An agreed standardised set of outcomes that should be measured and reported, as a *minimum*, in all clinical trials in specific areas of health or health care.

COMET definition



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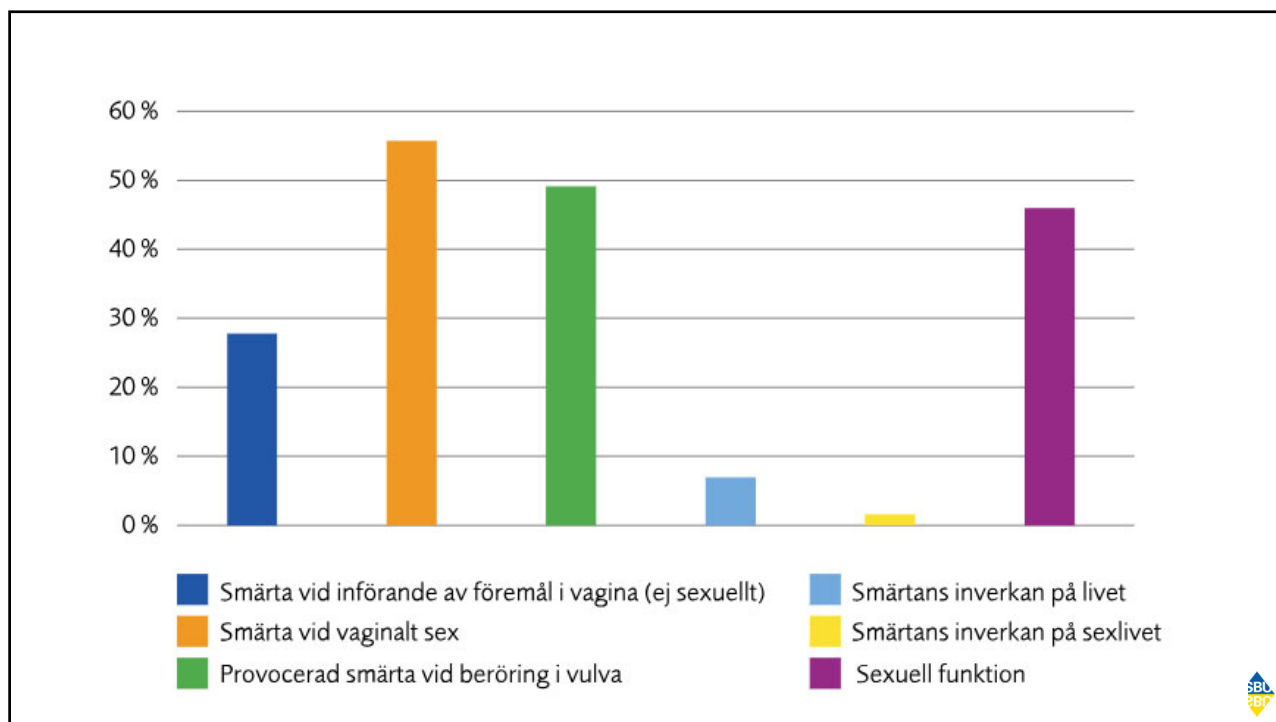
9

Hur många olika utfall tror ni används inom forskning av behandling av provocerad vulvodyni?

Rätt svar: 63



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Mer info:

JLA

- SBU Tema sida JLA: <https://www.sbu.se/sv/publikationer/tema-jla/>
- SBU projektprocess och mallar: <https://www.sbu.se/sv/metod/vara-processer/jla/>
- The priority setting project database: <https://ois.lbg.ac.at/priority-setting-database/>
- The James Lind Alliance: <https://www.jla.nihr.ac.uk/>
- JLA Guidebook: <https://www.jla.nihr.ac.uk/jla-guidebook/>
- Reporting guideline for priority setting of health research (REPRISE): <https://bmcmedresmethodol.biomedcentral.com/articles/10.1186/s12874-019-0889-3>

COS

- SBU temaside COS: <https://www.sbu.se/sv/metod/core-outcome-set-cos-en-lista-av-centrala-utfall/>
- COMET Initiative: <https://www.comet-initiative.org/>
- Consensus-based Standards for the selection of health Measurement Instruments (COSMIN) : <https://www.cosmin.nl/>
- COSMIN Guidebook: https://static-content.springer.com/esm/art%3A10.1186%2Fs13063-016-1555-2/MediaObjects/13063_2016_1555_MOESM2_ESM.pdf
- The Core Outcome Set-STAndards for Development (COS-STAD): <https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1002447>
- The Core Outcome Set-STAndardised Protocol Items (COS-STAP): <https://trialsjournal.biomedcentral.com/articles/10.1186/s13063-019-3230-x>
- The Core Outcome Set-STAndards for Reporting (COS-STAR): <https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1002148>

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Tack!

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