

LUNCH & LEARN

Qualitative Studien kritisch bewerten mit CAMELOT

Referent: Assoz. Prof. Mag. Isolde Sommer, PhD, MPH

Moderation/Host: Dr. Angelika Eisele-Metzger

Zuverlässige Evidenz.
Informierte Entscheidungen.
Bessere Gesundheit.

Gefördert durch:



Bundesministerium
für Gesundheit

aufgrund eines Beschlusses
des Deutschen Bundestages





**Cochrane
Österreich**



**Zuverlässige Evidenz.
Informierte Entscheidungen.
Bessere Gesundheit.**

CochrAne qualitative MEthodological LimitatiOns Assessment Tool (CAMELOT)

Assoz. Prof.ⁱⁿ Isolde Sommer, MPH, PhD

Im Namen der CAMELOT Gruppe

Department für Evidenzbasierte Medizin und Evaluation

Universität für Weiterbildung Krems

Interessenskonflikte

- Keine kommerziellen oder finanziellen Interessenkonflikte
- Finanzierung des Projekts durch den Cochrane Methods Innovation Fund (Projekt Nr. 1328523) und dem Norwegian Institute of Public Health

Übersicht

- Kritische Bewertung als Teil einer Qualitativen Evidenzsynthese
- Zusammenhang mit GRADE-CERQual
- Vorstellung von CAMELOT
- Einbettung von CAMELOT in iSoQ



@Microsoft

Übersicht

- **Kritische Bewertung als Teil einer Qualitativen Evidenzsynthese**
- Zusammenhang mit GRADE-CERQual
- Vorstellung von CAMELOT
- Einbettung von CAMELOT in iSoQ

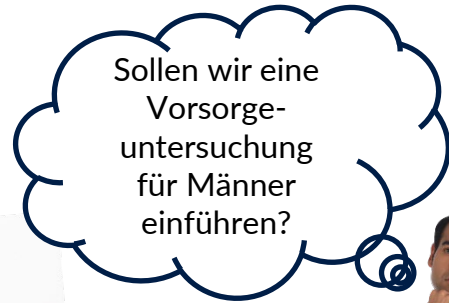


@Microsoft

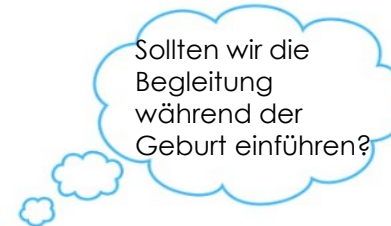
Entscheidungsträger:innen benötigen Evidenz Interventionsmöglichkeiten...



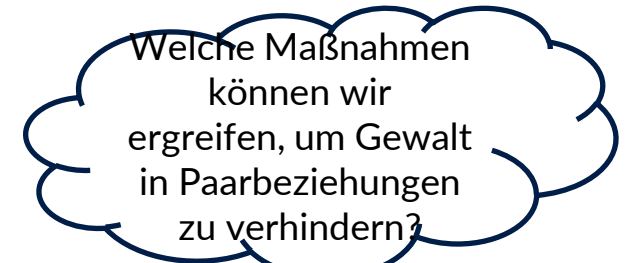
@Microsoft



@Microsoft



@Microsoft



@Microsoft



Und qualitative Evidenz ist notwendig, um viele wichtige Fragen zu beantworten



@Microsoft

Welche Fragen und Interventionen sind für die Menschen wichtig?

Ist die Intervention wirksam und hat sie Nebenwirkungen?

Wie viel kostet die Intervention?

Welche Endpunkte der Intervention sind für die Menschen wichtig?

Ist die Intervention für die Menschen akzeptabel?

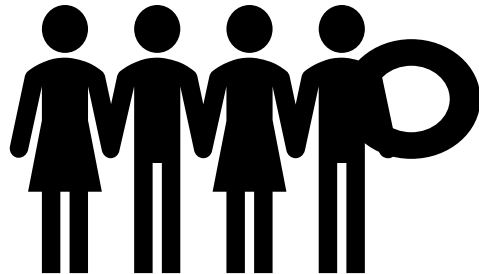
Ist diese Intervention durchführbar?

Wie könnte die Intervention die Gerechtigkeit beeinflussen?

Wie sollten wir diese Intervention umsetzen?

Ein Beispiel....

Wie denkt das
Gesundheitspersonal über den
Einsatz von mHealth-
Technologien bei der
Betreuung von Patient:innen?



Schritte einer qualitativen Evidenzsynthese

- Schritt 1: Formulierung der Fragestellung
- Schritt 2: Entwicklung von Einschlusskriterien
- Schritt 3: Suche nach Studien
- Schritt 4: Einschluss und Auswahl der Studien
- **Schritt 5: Kritische Bewertung der Studien**
- Schritt 6: Extrahieren und Zusammenfassen der Studiendaten
- Schritt 7: Bewertung des Vertrauens in die Ergebnisse

Warum eine kritische Bewertung?

Qualitative Forschung

- Glaubwürdigkeit und Vertrauenswürdigkeit
- Strenge und Angemessenheit der Methoden
- Verstehen des Forschungskontextes
- Identifizierung des Einflusses der/des Forscher:in (Bias und Reflexivität)
- Wissensbeitrag
- Ethische Fragen
- Gleichberechtigung, Diversität und Inklusion

Ein qualitativer Ansatz zur kritischen Bewertung



Photo by [Hans-Peter Gauster](#) on [Unsplash](#)

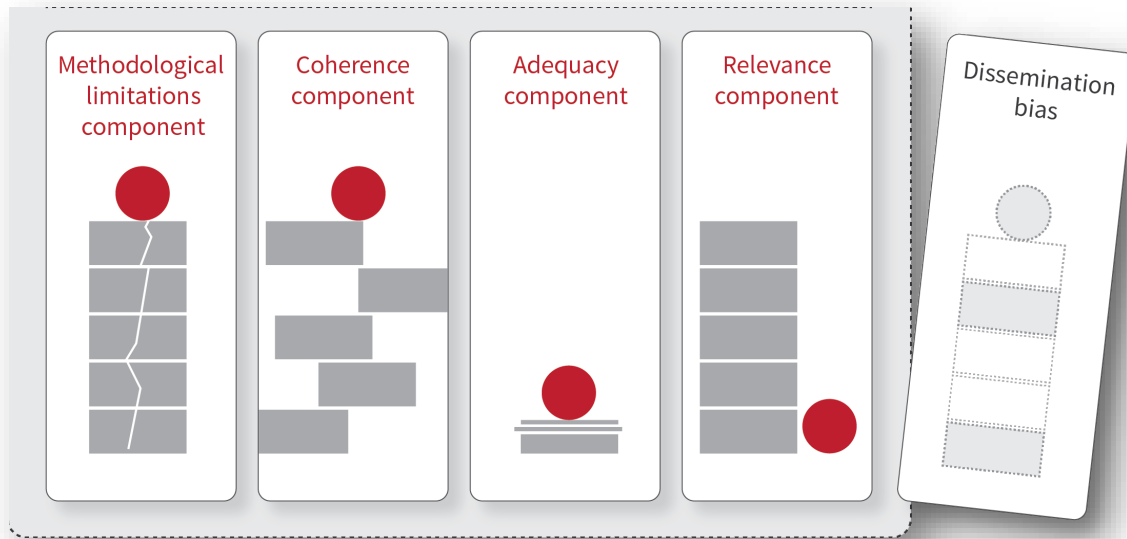
Übersicht

- Kritische Bewertung als Teil einer Qualitativen Evidenzsynthese
- **Zusammenhang mit GRADE-CERQual**
- Vorstellung von CAMELOT
- Einbettung von CAMELOT in iSoQ



@Microsoft

GRADE-CERQual Ansatz



CERQual: Confidence in the Evidence from Reviews of Qualitative Research

- GRADE-CERQual zielt darauf ab, transparent zu bewerten und zu beschreiben, wie viel Vertrauen in die Ergebnisse von qualitativen Evidenzsynthesen gesetzt werden kann
- CERQual ist Teil einer Reihe von Ansätzen zur Bewertung des Vertrauens in die Evidenz, die von der GRADE-Arbeitsgruppe entwickelt wurden
- Ein wichtiges Instrument zur Erleichterung der Nutzung qualitativer Evidenz in Entscheidungsprozessen

Was verstehen wir unter „Vertrauen in die Evidenz“?

Das Ausmaß, in dem ein Ergebnis eines Reviews eine angemessene Darstellung des Phänomens von Interesse ist

- d. h. es ist unwahrscheinlich, dass sich das interessierende Phänomen von Interesse wesentlich von den Forschungsergebnissen unterscheidet

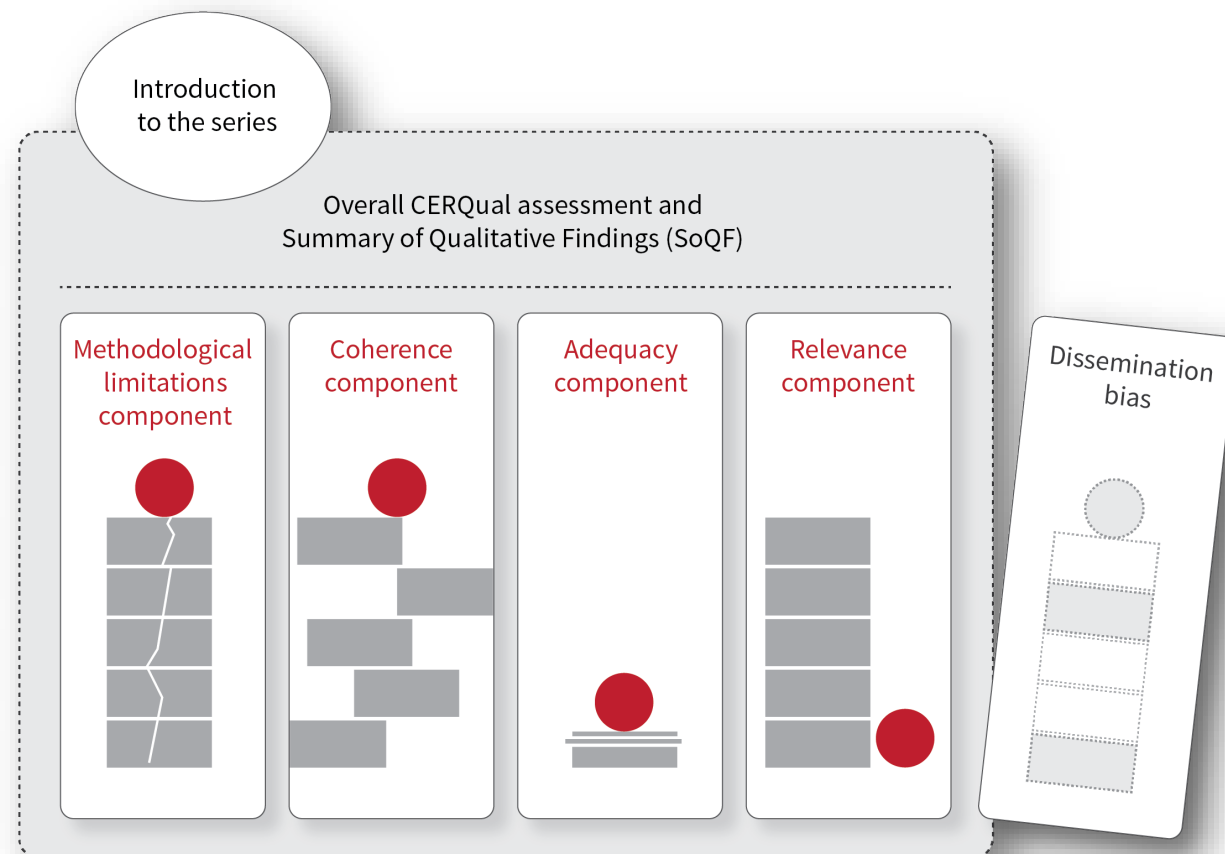
GRADE-CERQual wird auf einzelne Syntheseeergebnisse angewendet

- Im Zusammenhang mit einer qualitativen Evidenzsynthese ist ein Ergebnis:

.....ein analytisches Ergebnis, das ein Phänomen oder einen Aspekt eines Phänomens beschreibt

- Ergebnisse aus qualitativen Evidenzsynthesen werden typischerweise präsentiert als:
 - Themen, Kategorien oder Theorien
 - Sowohl als deskriptive als auch als eher interpretierende Ergebnisse

Der GRADE-CERQual Ansatz



Munthe-Kaas, Heather, Meghan A. Bohren, Claire Glenton, Simon Lewin, Jane Noyes, Özge Tunçalp, Andrew Booth et al. "Applying GRADE-CERQual to qualitative evidence synthesis findings—paper 3: how to assess methodological limitations." *Implementation Science* 13 (2018): 25-32.

Übersicht

- Kritische Bewertung als Teil einer Qualitativen Evidenzsynthese
- Zusammenhang mit GRADE-CERQual
- **Vorstellung von CAMELOT**
- Einbettung von CAMELOT in iSoQ



@Microsoft

CAMELOT Ansatz



Entwicklung eines qualitativen Ansatzes zur kritischen Bewertung qualitativer Primärforschung



Methoden der Entwicklung

- **Systematischer Review** bestehender Instrumente zur kritischen Bewertung. (Munthe-Kaas et al. 2019)
- **Identifizierung von Evidenz**, die die Aufnahme potenzieller Domänen für CAMELOT unterstützen (2017-2022)
- **Delphi-Befragung** zur Aufnahme von Domänen und zur Definition von CAMELOT-Domänen. (2023)
- **Human-centered Design** zur Entwicklung und Verfeinerung von CAMELOT (2023-2024)

TABLE 1 Inclusion of criteria/domains during each phase.

Criteria identified from systematic review	Criteria included in Phase 2	Domains included in Phase 3	Domains included in Phase 4	CAMELOT domains
Is there a clear statement of findings?	Is there a clear statement of findings?	Presentation of findings	Presentation of findings	Presentation of findings
Was the data analysis sufficiently rigorous?	Was the data analysis sufficiently rigorous?	Data analysis and interpretation	Analysis and interpretation	Analysis and interpretation
Did the researchers achieve saturation?	Did the researchers challenge their findings, for example, disconfirmatory cases?			
Was the data collected in a way that addressed the research issue?	Was the data collection reported? This is also about reporting rather than identifying a methodological limitation?	Data collection	Data collection	Data collection
Did the researcher spend sufficient time in the research setting?	Was the data collected appropriately? Did the researcher spend sufficient time in the research setting?			
Who are the participants, how were they selected and were the methods for selection appropriate?	Were the methods for participation selection appropriate?	Participant recruitment and selection	Participant recruitment and selection	Participant recruitment and selection
Has the research team considered their role in the research process and any influence it may have on the research process or findings?	Has the research team considered their role in the process and any influence it may have on the process or findings and how any funding may impacted the study?			
Have authors discussed/assessed the overall rigor of the research study including strengths and limitations of the research?				
Was there a statement of the aims of the research?	Was there an aim of statement of research			
	Was the research design described - This is also about reporting rather than identifying a methodological limitation?			
Was the research design appropriate to address the aims of the research?	Was the design appropriate to address the aims?			
	Is there coherence between the context of the study and the aim of the study?			
Have ethical issues been taken into consideration?	Are there any reasons for ethical concerns that could have influenced the findings of the study?			

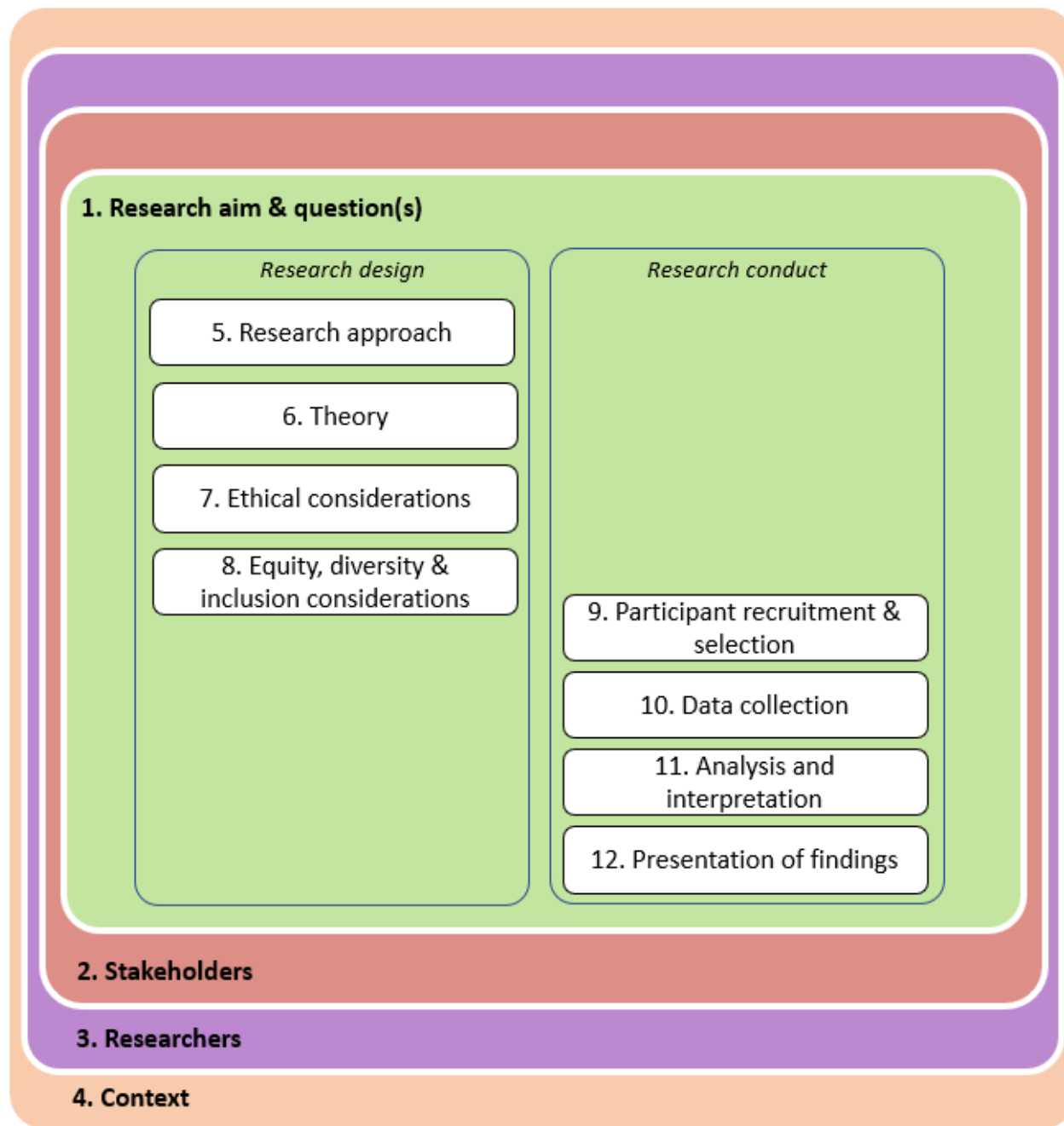
Munthe-Kaas HM, Glenton C, Booth A, Noyes J, Lewin S. Systematic mapping of existing tools to appraise methodological strengths and limitations of qualitative research: first stage in the development of the CAMELOT tool. BMC Med Res Methodol. 2019 Jun 4;19(1):113. doi: 10.1186/s12874-019-0728-6.

22 Domänen in Systematischen Review identifiziert

TABLE 1 (Continued)

Criteria identified from systematic review	Criteria included in Phase 2	Domains included in Phase 3	Domains included in Phase 4	CAMELOT domains
Did the authors include/discuss a theoretical perspective?	If the authors applied a theoretical perspective, is it appropriate? Did they apply it appropriately? Cross-reference to Cochrane guidance: what counts as theory? Different criteria for theory generation and theory utilization	Theoretical framework	Theory	Theory
Did the authors conduct a review of the literature?	Did the authors conduct a review of the literature?			
Is there an audit trail?	Is there an audit trail?			
Were end users involved in the development of the research study?	Who were the stakeholders and were they properly involved? (see Burls ¹⁷)	Stakeholders		Stakeholders
	Were end users involved in the development of the research study?	Context	Context	Context
			Equity, diversity, and inclusion considerations	Equity, diversity, and inclusion considerations
How valuable is the research?				
Is a qualitative method appropriate?				
Reporting criteria (including demographic features of the study)				
Is this a qualitative study?				
Did the authors consider/report practicalities of conducting project, and were they realistic?				
Are the authors credible?				
Was there disclosure of finding sources?				

Abbreviation: CAMELOT, Cochrane qualitative Methodological Limitations Tool.



Extract/code data

Extract or code data from the primary study related to the following domains (some of these domains will not be relevant for some studies):

Meta domains

- 1. Research aim & question(s)
- 2. Stakeholders
- 3. Researchers
- 4. Context

Method domains

Research design

- 5. Research approach
- 6. Theory
- 7. Ethical considerations
- 8. Equity, diversity & inclusion considerations

Research conduct

- 5. Participant recruitment & selection
- 6. Data collection
- 7. Analysis and interpretation
- 8. Presentation of findings

Schritt 1

Note any comments regarding each

domain. This may include problems or missing information. This step is optional but will act as an audit trail and help to inform the subsequent steps.

Schritt 2

	A	B	C	D	E	F	G	H	I	J
	STUDY ID									
	META domains		Data extracted from primary study			Optional comments (notes to self, including any problems or missing information)				
	Research aim & question(s)		The aim of this study was to explore intensive care and redeployed nurses' experiences and perceptions of patient safety in intensive care during the COVID-19 pandemic. Objectives were to identify patient safety issues encountered, and any factors perceived to optimize, inhibit or improve patient safety. The research question was 'What are registered nurses' experiences and perceptions of patient safety in intensive care during COVID-19?'			No comments				
	Stakeholders		Interviews were guided by a topic guide (Data S1) developed in consultation with intensive care nurses and re-deployed nurses who had worked clinically during COVID-19. A pilot interview with a registered nurse from the local acute hospital who had ICU nursing experience was conducted utilizing the topic guide; no amendments to the guide were felt necessary.			Stakeholders involved in development of interview guide. Unclear who stakeholders were and how the were related to or represented population of interest.				
	Researchers		Throughout the research period, the researcher kept a reflexive diary detailing everyday reflexions of preconceptions, the research process and all stages of understanding of the phenomena. Reflexive diary accounts informed the subsequent analysis of the data. During the development of the initial codes, reflexive diary entries were checked to ensure reflections were represented by the codes generated. As part of an iterative research process, the investigators met regularly to discuss the findings in relation to ongoing reflections.			Researchers kept a journal but didn't discuss how their perspectives influenced the research or their analysis or how their views changed. The researchers reported to relationship to participants, but did not describe VC's position				
	Context					Little description of the covid-19 burden in the specific hospitals in this study and whether they were rural or urban and the type of population being treated.				
	METHOD domains									
	Research design domains									
		Data extracted from primary study			Optional comments (notes to self, including any problems or missing information)					
	Research approach		This study employed a qualitative interview design informed by constructivism			Understanding participant experiences				
	Ethical considerations		Approval was gained from the University Research Ethics Committee (approval number 201405). All participants gave written informed consent to participate in the study.			Did not discuss ethical issues of interviewing during pandemic - e.g., stress				
	Equity, diversity & inclusion considerations					Not discussed.				
	Theory					No theory discussed or presented.				
	Research conduct domains									
		Data extracted from primary study			Optional comments (notes to self, including any problems or missing information)					
	Participant recruitment & selection		Participants were purposively sampled from the population of intensive care registered nurses and registered nurses redeployed to ICU during the peak waves of COVID-19 in the UK. Peak waves of COVID-19 in the UK were in Spring 2020 and Autumn/ Winter 2020/21. We adopted a maximum variation sampling approach based on the numbers of years qualified as a nurse, region of the UK and fair representation from both intensive care specialist nurses and nurses re-deployed to intensive care from other specialities. To ensure participants reflected the population and phenomenon of interest, the following eligibility criteria were applied: 1. All participants were registered with the Nursing and Midwifery Council (NMC) 2. Participants fell into one of the following groups: a. A registered nurse with a minimum of 6 months of experience working in intensive care areas before the onset of COVID-19 b. A registered nurse from a different speciality re-			Purposive and maximum variation sampling, online recruitment. Little description of demographic characteristics of sample (e.g., minority, language, age, number of jobs, full/part time position)				

Datenextraktion und Kommentare

7 Equity, diversity & inclusion considerations

Definition: Whether and how the researchers considered:

- (1) equity – including distribution of power within the research context, whether there was equitable representation and participation in the research process, particularly for underrepresented groups, the possible differential experiences or perspectives of a phenomenon of interest for different populations and whether there was and whether unnecessary or discriminating differences in how people participate in a study
- (2) diversity – including seeking out diverse experiences, perspectives and backgrounds, inclusion of participants with diverse backgrounds and considering how diversity can influence research findings
- (3) inclusion – including the degree to which the research environment was such that all participants felt welcome and valued, whether culturally sensitive and inclusive research methods and communication strategies were employed and whether research materials, locations and processes were accessible for all participants.

**Detaillierte Anleitung
im Appendix**

What to do: Extract relevant data for the review question from the primary study related to any, some or all (but not limited to) of the following:

- Equity, diversity and inclusion considerations, which could include, but is not limited to Place of Residence, Race/Ethnicity, Visa/Residency status, Occupation, Gender, Religion, Education, Socioeconomic Status, and Social Capital, and Plus represents additional categories such as Age, Disability, and Sexual Orientation (PROGRESS-Plus)¹². Review authors may consider using an existing framework or checklist to assess equity (e.g., CONSORT Equity extension³ PRISMA equity extension⁴)
- How the researchers addressed any issues related to equity, diversity and inclusion

Note concerns and where important information is missing.

Tips:

- This information may be found in the Methods, Participant characteristics tables, Findings, Discussion or Declarations section of a study report, or in supplementary files. Note that more detailed information has only recently become a standard requirement for many publishers. Furthermore, research and standards related to this domain are evolving and may include additional or fewer considerations for different disciplines and journals.

Beispiel EDI

Review: Werte und Präferenzen in Bezug auf gesundheitliche Ergebnisse bei Frühgeborenen aus der Perspektive von Eltern/Betreuungspersonen, Gesundheitsfachkräften sowie von Kindern oder Erwachsenen, die früh geboren wurden

Study ID:	Data from primary study	Optional comments (notes to self, including any problems or missing information)
#749	A Castor database was developed including parents who either had experienced an imminent extremely premature birth <26 weeks of GA but gave birth beyond 26 weeks, or if they were parents of an extremely prematurely born infant born between 23 and 26 weeks of GA. All parents in the database were invited to fill out a brief online questionnaire enabling purposive sampling to select a diverse group of participants. Participants with differences in week of premature birth, survivors and deceased, highest education and religion. Interviews at home, online, hospital.	Diversity in terms of birth outcome, religion and education, but age, gender, ethnicity not addressed. Researchers used strategies to improve EDI – accessibility of interviews and decreasing burden of participation.

Describe concerns regarding, and make assessment of, fit between domains

- Describe concerns regarding appropriateness of fit between (1) the Research design and conduct domains and each of the Meta domains, and (2) between the research design and research conduct domains.
- Make an assessment using the following categories to describe the fit: *No or minimal concerns, minor concerns, moderate concerns, serious concerns*

Schritt 3

Concerns regarding fit

Describe any concerns about the fit between the following domains	Fit between Research design domains and Research aim & question	Fit between Research design domains and Stakeholders	Fit between Research design domains and Researchers	Fit between Research design domains and Context	Fit between Research conduct domains and Research aim & question(s)	Fit between Research conduct domains and Researchers	Fit between Research conduct domains and Stakeholders	Fit between Research conduct domains and Context	Fit between Research design domains and Research conduct domains
Indicate concerns using No or minor, minimal, moderate, serious, unclear	Moderate concerns	Minor concerns	Serious concerns	Unclear	No or minimal concerns	Serious concerns	Minor concerns	Unclear	Moderate concerns

Beispiele für „concerns regarding fit“

Concerns regarding fit	Research aim and/or question	Stakeholders	Researchers	Context	Research conduct
Equity, diversity and inclusion considerations	Aim of the research is to explore use of maternal healthcare services and the researchers failed to include women from marginalized groups or failed to ensure a research environment which was accessible for women with prams.	Homogenous group of stakeholders.	Researchers did not consider their background when interviewing participants from low socioeconomic settings.	The geographical setting of the study was not conducive to including participants from marginalized groups.	The authors declared saturation without adequately considering diverse perspectives.

Schritt 4

Step 4. Describe level of concern regarding methodological limitations

Combine these assessments to make an overall assessment of methodological limitations by indicating level of concern using the following categories and provide an explanation for your assessment:

- *No or minimal concerns, minor concerns, moderate concerns, serious concerns*

Schritt 5

Step 5. Combine assessments across studies

Combine assessments of fit across studies contributing to a review finding and indicate level of concern regarding methodological limitations using the following categories:

- *No or minimal concerns, minor concerns, moderate concerns, serious concerns*

Concerns regarding methodological limitations

OVERALL ASSESSMENT OF LIMITATIONS:(No or minimal, minor, moderate, serious)	Moderate concerns
Explanation for overall assessment	Concerns regarding lack of reflexivity, stakeholder and context description, no mention of theory, EDI and ethical considerations. Minor concerns regarding research conduct domains. Approach suits research question.

META domains		Data extracted from primary study				Optional comments (notes to self, including any problems or missing information)			
Research aim & question(s)									
Stakeholders									
Researchers									
Context									
METHOD domains									
Research design domains									
	Data extracted from primary study				Optional comments (notes to self, including any problems or missing information)				
Research strategy									
Ethical considerations									
Equity, diversity & inclusion considerations									
Theory									
Research conduct domains									
	Data extracted from primary study				Optional comments (notes to self, including any problems or missing information)				
Participant recruitment & selection									
Data collection									
Analysis and interpretation									
Presentation of findings									
Describe any concerns about the fit domains (and indicate concerns using No or minor, minimal, moderate, serious or Unclear):	Fit between Research design domains and Research aim & question(s)	Fit between Research design domains and Stakeholders	Fit between Research design domains and Researchers	Fit between Research design domains and Context	Fit between Research conduct domains and Research aim & question(s)	Fit between Research conduct domains and Stakeholders	Fit between Research conduct domains and Researchers	Fit between Research conduct domains and Context	Fit between Research design domains and Research conduct domains
OVERALL ASSESSMENT OF LIMITATIONS: (No or minimal, minor, moderate, serious)									
Explanation for overall assessment									

Übersicht

- Kritische Bewertung als Teil einer Qualitativen Evidenzsynthese
- Zusammenhang mit GRADE-CERQual
- Vorstellung von CAMELOT
- **Einbettung von CAMELOT in iSoQ**



@Microsoft



iSoQ Beta version

An online tool for applying the GRADE-CERQual approach to findings of a qualitative evidence synthesis

- [Learn more about iSoQ](#)
- [Browse](#)



[← return to My Workspace](#)

Exploring the Experiences of Trauma of People Working in Homelessness: Mixed Methods Systematic Review

PROJECT PROPERTIES

MY DATA

ISOQ

GUIDANCE ON APPLYING GRADE-CERQUAL

Add data needed to make GRADE-CERQual assessments

To optimise the functionality of iSoQ, and save you time, please add the following information organised into 4 steps.

STEP 1: REFERENCES

STEP 2: INCLUSION & EXCLUSION CRITERIA

STEP 3: CHARACTERISTICS OF STUDIES TABLE

STEP 4: METHODOLOGICAL ASSESSMENTS TABLE

STEP 3: Create or import your **characteristics of studies table** (recommended)

Descriptive information extracted from the included studies (e.g. setting, country, perspectives, methods, etc.)

[Add or Edit column headings](#)

OR

[Import table](#)

[Export to XLS file](#)

*interface will be broader

Author, year	Meta domain 1 - Research aims and questions		Meta domain 2 - Stakeholders	
			• • •	all the following domains + respective concerns : Method domains (research design) 4 - 8 Method domains (research conduct) 9 - 12
Forger 2024	Add research aims and questions 	Add concerns 	Data This is the extracted data lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis lig... See more	Concerns This are the concerns lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifen... See more
Wilson 2020	Add extracted data 	Add concerns 	Donec quis neque turpis. Suspendisse est sapien, auct...	Proin eleifend cursus efficitur. Donec quis neque turpis
Expert 2023	Add extracted data 	Add concerns 	Suspendisse quis sagittis ligula. Sed porta augue ut elit...	Phasellus at aliquam turpis. Vivamus massa sem, commo...

return to My Workspace

Exploring the Experiences of Trauma of People Working in Homelessness: Mixed Methods Systematic Review

PROJECT PROPERTIES

MY DATA

ISOQ

GUIDANCE ON APPLYING GRADE-CERQUAL

Add data needed to make GRADE-CERQual assessments

To optimise the functionality of ISOQ, and save you time, please add the following information organised into 4 steps.

STEP 1: REFERENCES

STEP 2: INCLUSION & EXCLUSION CRITERIA

STEP 3: CHARACTERISTICS OF STUDIES TABLE

STEP 4: METHODOLOGICAL ASSESSMENTS TABLE

STEP 3: Create or import your characteristics of studies table (recommended)

Descriptive information extracted from the included studies (e.g. setting, country, perspectives, methods, etc.)

Add or Edit column headings

OR

Import table

Export to XLS file

Studies

Actions

Kawasaki, 2001

Research design domains

Research conduct domains

Overall assessment

METHOD - Research design domains

Research approach

Ethical considerations

Equity, diversity & inclusion considerations

Theory

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Su...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id...

Concerns

-

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices n...

Concerns

Lorem ipsum dolor

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id sc...

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligu...

META domains - Fit assessment

Research question & aim domain

Fit assessment

Excellent

Good

Poor

Unclear

Explain any concerns you have in your own words

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat null...

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Stakeholders domain

Fit assessment

Excellent

Good

Poor

Unclear

Explain any concerns you have in your own words

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Extracted data

METHOD - Research conduct domains

Participant recruitment & selection

Data collection

Analysis and interpretation

Presentation of findings

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Su...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id...

Concerns

-

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices n...

Concerns

Lorem ipsum dolor

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id sc...

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligu...

META domains - Fit assessment

Research question & aim domain

Fit assessment

Excellent

Good

Poor

Unclear

Explain any concerns you have in your own words

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat null...

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Stakeholders domain

Fit assessment

Excellent

Good

Poor

Unclear

Explain any concerns you have in your own words

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat null...

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Extracted data

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam libero fringilla leo, eleifend ultrices nulla lacus id dui. Suspendisse quis sagittis ligula. Sed porta augue ut elit rhoncus consectetur. Proin eleifend cursus efficitur. D...

Researchers domain

Fit assessment

Excellent

Good

Poor

Unclear

Concerns

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur accumsan, velit id scelerisque dapibus, diam...

OVERALL ASSESSMENT OF CONCERNS

- ☐ No or minimal concerns
- ☐ Minor concerns
- ☐ Moderate concerns
- ☐ Serious concerns

Explanation for overall assessment

Suspendisse vitae urna in odio tristique aliquam. Suspendisse quis finibus augue. Nunc dapibus commodo risus, sed consectetur nisi dictum eu. Ut porttitor fermentum quam, nec egestas eros vehicula in. Pellentesque at dignissim nulla, id fermentum orci. Sed fermentum egestas faucibus. Fusce a odio augue. Nam ultricies arcu sed metus bibendum faucibus.

Research Design domains - META domains - Fit assessment

Research question & aim domain	Good 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Stakeholders domain	Poor 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Researchers domain	Unclear 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Context domain	Excellent 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Research conduct domains	Good 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...

Research Conduct domains - META domains - Fit assessment

Research question & aim domain	Good 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Stakeholders domain	Poor 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Researchers domain	Good 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...
Context domain	Excellent 	[Data from fit assessment: Concerns, explanation, etc] Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commod...

Zusammenfassung

- CAMELOT ist ein evidenzbasiertes Bewertungsinstrument für methodische Limitationen qualitativer Primärstudien
- Es wurde speziell für den Einsatz in qualitativen Evidenzsynthesen (QES) und im Kontext von GRADE-CERQual entwickelt
- Qualitativer Ansatz zur kritischen Bewertung
- Zentrales Konzept „Appropriateness of Fit“
- Erstversion – noch nicht umfassend validiert

METHODS ARTICLE

Developing CAMELOT for assessing methodological limitations of qualitative research for inclusion in qualitative evidence syntheses

Heather M. Munthe-Kaas¹  | Andrew Booth²  | Isolde Sommer³  |
Sara Cooper⁴  | Ruth Garside⁵  | Karin Hannes⁶  | Jane Noyes⁷  |
The CAMELOT Development Group

¹Centre for Epidemic Interventions Research, Norwegian Institute of Public Health, Oslo, Norway

²Sheffield Centre for Health & Related Research (SCHARR), University of Sheffield, Sheffield, UK

³Department for Evidence-based Medicine and Evaluation, University for Continuing Education Krems, Krems, Austria

⁴Cochrane South Africa, South African Medical Research Council, Cape Town, South Africa

⁵University of Exeter, Exeter, UK

⁶Research Group SoMeTHin'K, Faculty of Social Sciences, KU Leuven, Leuven, Belgium

Abstract

Introduction: Qualitative evidence is increasingly incorporated into decision-making processes. Assessing the methodological limitations of primary studies is critical to making an overall assessment of confidence in findings from qualitative evidence syntheses (QES) using GRADE-CERQual. Current critical appraisal tools were not developed specifically for use in Cochrane reviews or GRADE-CERQual, and few are evidence-based. The aim of Cochrane qualitative Methodological Limitations Tool (CAMELOT) was to address this gap.

Methods: We undertook this project in four stages: (1) systematic literature search to identify existing tools, (2) identification of evidence to support inclusion of potential CAMELOT domains (3) consensus survey to agree on the inclusion and

<https://zenodo.org/records/14035136>

VIELEN DANK!

isolde.sommer@donau-uni.ac.at



Danke an Heather-Munthe Kaas, CAMELOT lead, für die Konzeption der Folien. Wir danken Claire Glenton, Simon Lewin, Epistemonikos, den Mitgliedern des GRADE-CERQual Koordinierungsteams und den Mitgliedern der CAMELOT Entwicklungsgruppe für ihre Beiträge zu dieser Präsentation

Lunch & Learn

HANDOUT



AUFZEICHNUNG



Weitere Handouts und Aufzeichnungen vergangener Webinare auf
<https://www.cochrane.de/veranstaltungen/lunch-learn-kurzwebinare>

Nächster Termin:

*21. Oktober 2026: Patient and Public Involvement – Wie gelingt partizipative Forschung?
(gemeinsam mit EbM-Netzwerk)*

Weiterführende Workshops und Veranstaltungen



4th Methods-Forum by Cochrane Germany

Building Bridges Between Clinical Research and Evidence Synthesis

 19.06.2026, 09:30–20:00 Uhr

 Haus zur Lieben Hand, Freiburg im Breisgau

 22 Freie Plätze



Systematische Übersichtsarbeiten erstellen

08. - 13. Oktober 2026, 09:00 - 13:30 Uhr

 Online

 23 Freie Plätze

 **Neu**

Spotlight on Methods - Webinars of the European Cochrane Groups

10. Juni, 15:00 Uhr

Trustworthiness beyond traditional bias domains



<https://www.cochrane.de/Veranstaltungen>

Bleiben Sie auf dem Laufenden mit der...

... Interessent*innenliste von Cochrane Deutschland:



Wenn Sie über **neue Termine** benachrichtigt werden wollen, melden Sie sich einfach auf unserer **Interessent*innen-Liste für Veranstaltungen von Cochrane Deutschland** an. Wir informieren Sie dann individuell über den Start der Online-Anmeldungen für unsere Veranstaltungen in Frühjahr & Herbst.

<https://www.cochrane.de/interessentenliste-workshops>

Übersetzungen



Social Media



Workshops & Events

Newsletter

Unser Blog

Ressourcen



 **WISSEN WAS WIRKT**



Evaluation



https://survey.lamapoll.de/Lunch_and_Learn_CAMELOT/de

workshops@cochrane.de

**Zuverlässige Evidenz.
Informierte Entscheidungen.
Bessere Gesundheit.**



Gefördert durch:



Bundesministerium
für Gesundheit

aufgrund eines Beschlusses
des Deutschen Bundestages

