



Development of a core set of outcome measurements for use in research evaluations of interventions used for venous leg ulceration



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Overview of the presentation

- Setting the scene
- Why are Core Outcome Sets important?
- Method: Scoping review
- Results of the scoping review
- Healing outcomes
- Next steps of the CoreVen project

Setting the scene

What is an outcome?

“*what* is being measured...In the context of a clinical trial it refers to any identified result in an outcome arising from exposure to a causal factor or a health intervention” (Prinsen et al; 2014)

Number of outcomes measured in RCT's is so large that it is difficult to compare the results (Gethin et al; 2015) causing:

- Difficulties comparing and contrasting the outcomes of the trials
- Difficulties interpreting the results
- Makes decision making on interventions used for venous leg ulcers challenging

Why are Core Outcome Sets important?

What is a core outcome set?

- An agreed minimum set of outcomes (COMET, 2017)

Important:

- ❖ Inform clinical practice by facilitating decision making
 - Comparing, contrasting and synthesising the outcomes will be easier
 - Better understanding of the intervention being measured
- ❖ Make every trial count

Method: Scoping review

Overview:

Broad research question(s)

Inclusion/exclusion developed *post hoc*

Quality not a priority

Data extraction may or may not be done

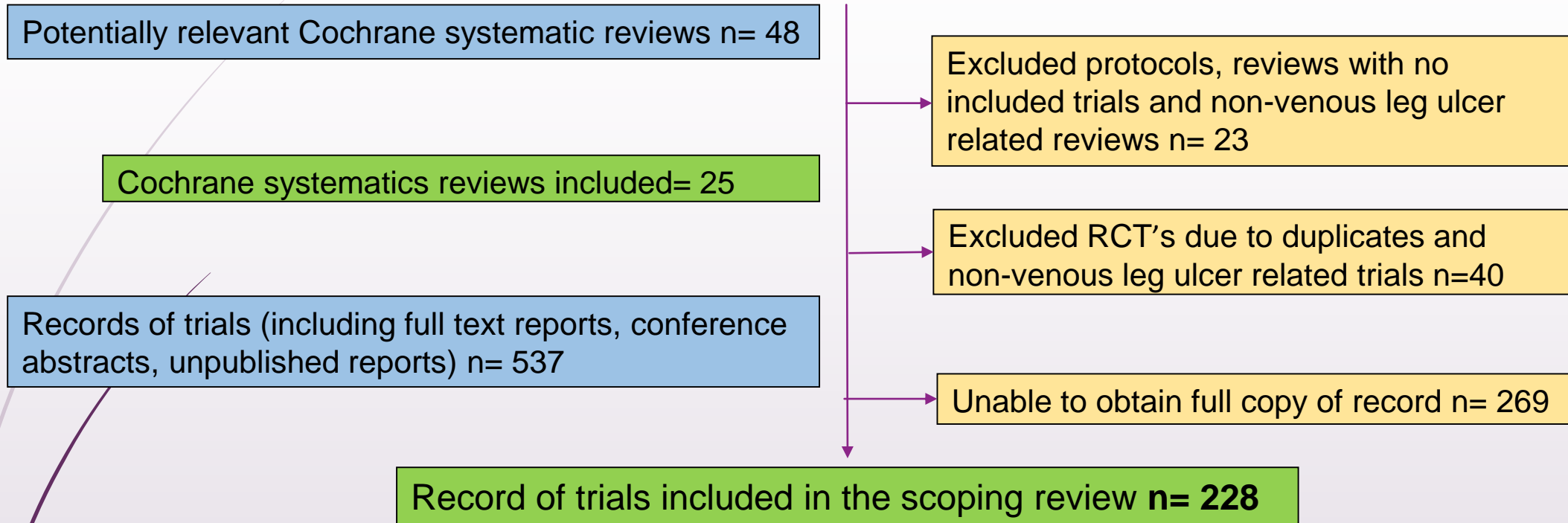
Identifies parameters and gaps in the literature

Maps out concepts in a field of interest (Arksey and O'Malley, 2005)

Rapid underpinning (Mays, Roberts and Popay, 2001)

- Five-stage process (Levac et al's; 2010) adapted version of Arksey and O'Malleys (2005) methodological framework

Results of the scoping review

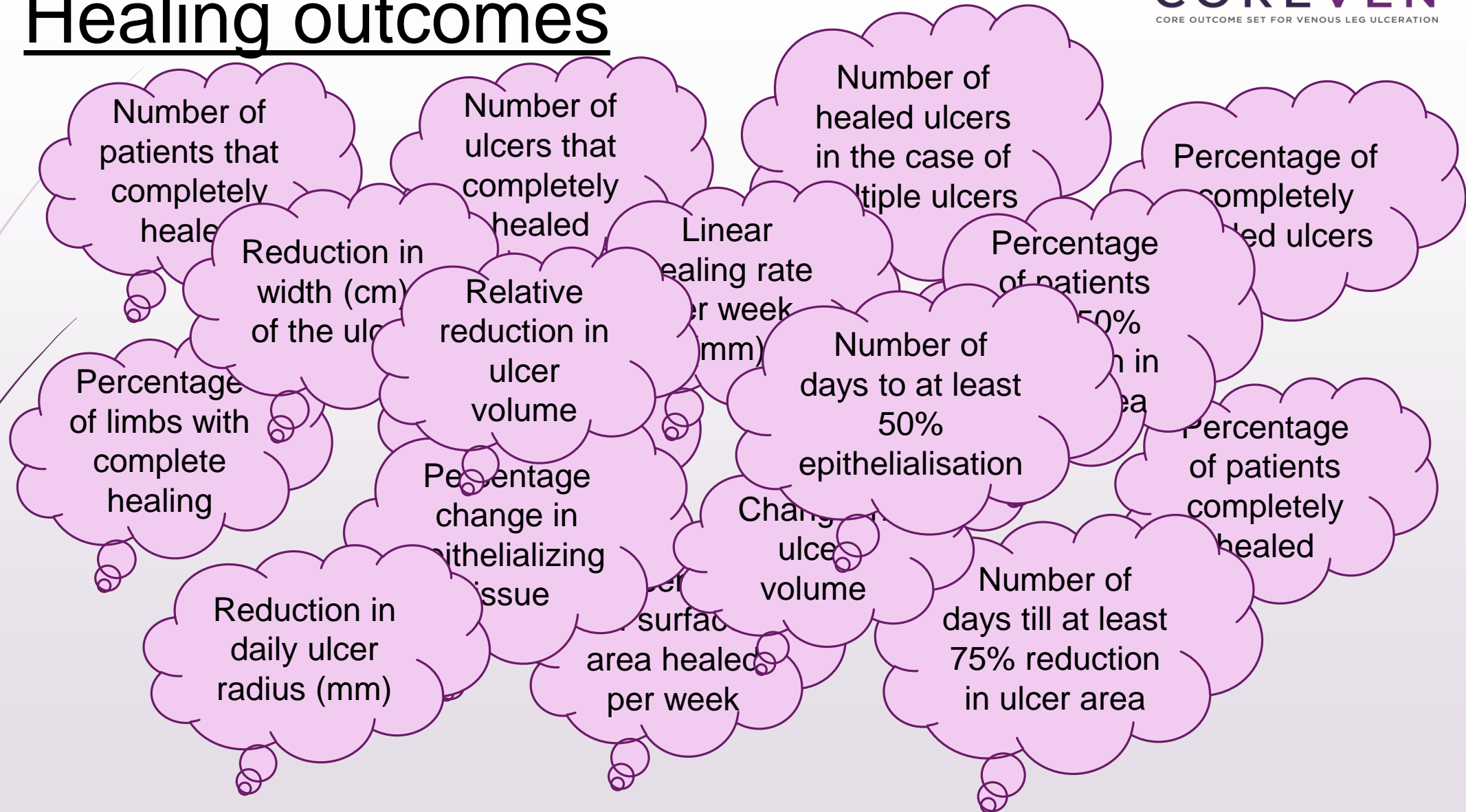


Number of potential outcomes extracted= **1165** (before de-duplication)

➤ Healing= **104** (post de-duplication)



Healing outcomes



Next steps of the CoreVen project

Consensus on the groups of outcomes

Bristol Online Survey:

Rate each group of outcomes using a structured rating scale

Have we missed any important groups of outcomes



Consensus on the associated outcomes

DELPHI method **Two stage Bristol Online Survey:**

Rate each outcome using a structured rating scale

Have we missed any important outcomes



Systematic review

Performance of the measurement instruments

COSMIN
(COnsensus-based Standards for the selection of health Measurement Instruments, 2016) checklist

Conclusion

A core outcome set and their corresponding measurement instruments are needed in future VLUs effectiveness evaluations. It will help:

- Healthcare professionals
- Researchers
- Patients
- Carers

Easier to compare and contrast results

Reduce 'waste'

Make every trial count

CoreVen steering group

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Thank you....

Do you have any questions?

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