# A good argument can be made that the evidence base on routine PROMs in some cancers is sufficiently mature to recommend routine deployment

For example…

## Effectiveness of routine provision of feedback from patient-reported outcome measurements for cancer care improvement: a systematic review and meta-analysis

Sheng-Chieh Lu [1], I Porter [2], J M Valderas [3] [4] [5], C J Harrison [6], Chris Sidey-Gibbons [7]

**Results:** We included 29 studies involving 7071 cancer participants. A small number of studies was available for each metanalysis (median = 3 studies, ranging from 2 to 9 studies) due to heterogeneity in the evaluation of the trials. We found that the intervention improved HRQL (Cohen's d = 0.23, 95% CI 0.11-0.34), mental functioning (Cohen's d = 0.14, 95% CI 0.02-0.26), patient-healthcare provider communication (Cohen's d = 0.41, 95% CI 0.20-0.62), and 1-year overall survival (OR = 0.64, 95% CI 0.48-0.86). The risk of bias across studies was considerable in the domains of allocation concealment, blinding, and intervention contamination.

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**Implementation Science**

So how can we do this?

What barriers to solve?

What are the benefits?

How to reuse for research?

# Typical challenges to routine implementation and research reuse

**Implementation challenges**

- **Funding:** monitoring nurses, technology integration

- **Workflow integration:** care pathways, managing recall capacity

- **Patient survey fatigue:** simple & easy instruments vs complex, more accurate

- **Multidisciplinary implementation:** IT – care pathway design and clinical

**Research interoperability challenges**

- **Need:** same instrument, same cohort, same point in pathway

- **Reality:** many instruments, highly confounded by timing in pathway

# Our panel today

**Medizinische Universitat Innsbruck**

**Bernhard Holzner**

The benefits and challenges of introducing PROMs into routine cancer care

**Cliniques Universitaires Saint-Luc**

**Cédric Van Marcke**

St. Luc's experience introducing ICHOM standards in breast cancer

**Ludwig Maximilian University Hospital**

**Karin Berger**

Large scale PROM pilots in Germany

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