



2020 Key Outputs

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2020 Highlight:

Development and implementation of guidelines for using minimal important difference (MID) estimates in studies evaluating PROs and subsequently Cochrane reviews



Research and development

- **MID credibility instrument: [Evaluating the credibility of anchor based estimates of minimal important differences for patient reported outcomes: instrument development and reliability study](#)**
- Patient Reported Outcomes Minimal Important Difference (PROMID) database in development but website is publicly accessible: <https://promid.mcmaster.ca/>
- Key methodological issues with MIDs of which systematic reviewers should be aware: [Mind the Methods of Determining Minimal Important Differences – Three critical issues to consider](#)



Best practice and guidance

- Development of principles for selection of an MID estimate for application in clinical trials, systematic review, and guidelines is currently underway. This guidance will help clinical trialists, systematic review authors and guideline developers select trustworthy applicable MIDs for interpretation of PRO data.
- Development of a reporting guideline to improve the completeness and transparency of MID estimation studies and promote higher methodologic standards is in progress.



Methods implementation

- [PROMID database](#) (under development): the largest database of anchor-based MID estimates for PROs. By providing easy access to available MIDs, including ratings of their credibility, and thus by reducing the time, effort, and likelihood of error in MID estimate identification and selection, our inventory will close the gap between the estimation of MIDs and their subsequent application for facilitating the interpretation of PROs in clinical trials, systematic reviews, and clinical practice guidelines