

# Patient and dentist perspectives on collecting patient reported outcomes after painful dental procedures in the National Dental PBRN

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## Background

Dental Patient Reported Outcomes (PROs) are health reports provided by patients, offering a more comprehensive understanding of disease interventions’ effects. These PROs, particularly those specific to conditions, effectively document the patient’s health status from their perspective. This study utilized FollowApp, a mobile health platform, to gauge PROs from patients who underwent potentially painful dental procedures.

## Results

- Five themes were uncovered:
- Sense of Better Care:** The mHealth platform provided a sense of better care for the patients.
  - Tailored Follow-up:** The follow-up messages were tailored based on the dental procedure and patient’s pain experience.
  - Effective Messaging and Alerts:** The messaging and alerts from the mHealth platform were found to be effective.
  - Usable Digital Platform:** The mHealth platform was user-friendly and easy to use.
  - Routine mHealth Integration:** Most users expressed a desire to continue using the mHealth platform as part of their routine care

## Conclusions

The use of an mHealth platform for frequent, automated, and personalized follow-up messages enhanced patient care experience and was time-efficient for providers. Patients found the mHealth questionnaires to be well-structured and of suitable length, and the platform user-friendly. Most expressed a desire to continue its use. The study thus suggests the effective use of mHealth platforms for collecting patient-reported outcomes in dental care.



Image 1. Patient and Practitioner responses to the mHealth application.