Australian Pain Society

Instructions for services using REDCap templates

Purpose and Background

This document is designed to support services in operationalising the REDCap template for outcome measure collection.

While some services may have already completed or commenced several of the steps outlined, we hope this guide provides useful information, fills any remaining gaps, and assists those who are still in the planning stages of implementation.

With respect to permissions for the use of outcome measures, we had hoped to secure an "umbrella" agreement that would allow Australian and New Zealand pain services to use the relevant measures under a single permission arrangement. However, at the time of writing, we have not received a response to this request.

Should this approach ultimately be declined or prove unfeasible, we did not want to unnecessarily delay services that may wish to commence implementation. Therefore, we have included information on the permissions process for individual measures, should services choose to pursue their own applications for permission directly.

Outline of recommended steps

1. Download REDCap XML templates from the APS website.
2. Register on MAPI ePROVIDE Platform. For Adult services, apply for permission for BPI, PCS and PSEQ. For paediatric services, FDI.
3. Import XML files into REDCap and test.

Note that ePPOC closes on 31 October 2026, with transitional epiCentre access (for those units that have signed individual licence agreements with ePPOC) until 18 December.

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Explanatory notes

REDCap
The template for redcap has been created and tested by a number of pain services already. Detailed instructions can be found here

For adult settings, the REDCap template includes the Depression Anxiety Stress Scales-21 (DASS-21), Pain Self-Efficacy Questionnaire (PSEQ), Pain Catastrophizing Scale (PCS) and Brief Pain Inventory (BPI).

For paediatric settings:

- Adolescent Referral Questionnaire: Brief Pain Inventory (BPI), Bath Adolescent Pain Questionnaire (BAPQ), Functional Disability Inventory (FDI) and Work Productivity and Activity Impairment Questionnaire (WPAI).
- Parent/Carer Referral Questionnaire: Work Productivity and Activity Impairment Questionnaire (WPAI) and Pediatric Quality of Life Inventory (PedsQL). (*N.B. PEDSQL is not included in the Redcap template as ePPOC previously removed this from public example due to copyright issues. We have therefore not included instructions to seek permission for use).*

- Parent/Carer Impact Questionnaire: Bath Adolescent Pain Parent Impact Questionnaire (BAP-PIQ).

Open Access Measures

The following measures are publicly available and do not require special permission to use, therefore services do not need to pursue any additional processes.

DASS21
Source: https://www2.psy.unsw.edu.au/dass/
BAPQ
Source: https://bathcentreforpainservices.org.uk/?page_id=1361
BAP-PIQ
Source: https://bathcentreforpainservices.org.uk/?page_id=1361

WPAI
Source: http://www.reillyassociates.net/WPAI_General.html

Permission-required measures

We recognise that many services are already using the following measures in clinical practice. The recommendation is to apply for permission for use at the individual service level. As previously outlined, APS has sought an umbrella approval for use but at the time of writing has not received a response. Once a user is registered, the application for use can include any or all of the measures. Instructions are below:

- **BPI, PCS and PSEQ**
  Link to instructions
- **FDI**
  Link to instructions