



# National PROMs and National Joint Registry (NJR) - A Single Database

Until recently, it has been near impossible to link National PROMs with NJR data. These are two separate databases, run and managed by two separate organisations. It means that analysing cause and effect and identifying areas for service improvement at a hospital level is extremely challenging with data only available weeks or months after it has been captured.

If you would like to link these datasets and have access to the data in near real time for patient monitoring and to evidence the quality of care your hospital is delivering, then read on.

Amplitude offers a system that links these databases through a largely automated process that is mapped to workflows to make data capture simple and part of a normal work routine. PROMs data is entered electronically by patients, into the Amplitude platform, and at the time of surgery, the NJR dataset is also captured and linked to the relevant patients' record. Patients are contacted automatically by the system, post-op, to complete their Q2 PROMs with optional local configuration to extend post-op monitoring.

All this data is available in near real time. Each month, the relevant datasets are electronically uploaded to NHS Digital and the NJR respectively, with no further admin intervention.

For the first time, hospitals can put context to the National PROMs and NJR data by viewing these datasets in one location, monitoring outcomes and progress of individual patients as well as evidencing the quality of care being delivered.

## ADVANTAGES OF ELECTRONICALLY RECORDING PROMS AND NJR THROUGH AMPLITUDE

1. Fixed fee regardless of patient numbers.
2. Increase in compliance rates of Q1 and Q2 when moving to Amplitude from paper-provider as evidenced by other Trusts.
3. Data available in near real-time for local analysis and reporting
4. Data available to support remote patient monitoring and virtual clinics.
5. More effective use of PROMs administrators - also evidenced by other Trusts.
6. Environmentally friendly and supports NHS's paper-lite / paperless initiatives.

## ELECTRONIC STATISTICS

Guy's and St Thomas' NHS Foundation Trust Oct 2020 - Mar 2022

Pathway	Number of Pathways*	% Completed Q1 PROMs**
Primary Hip	473	96%
Revision Hip	54	94%
Primary Knee	365	95%
Revision Knee	73	93%

\*Number of pathways = number of active patient cases

\*\*% Completed Q1 PROMs = percentage of mandated Q1 National PROMs questionnaires completed by patients

## CUSTOMER FEEDBACK ON NATIONAL PROMS ELECTRONIC UPLOAD

“ Since the introduction of Amplitude at Yeovil for capturing our National PROMs, we have seen a marked increase in patient compliance rates for both Q1 and Q2. Our PROMs admin staff are now more effectively utilised, focussing on compliance rather than filling out and sending off paper forms. The overall result is better quality data, that we can use for service improvement decisions that costs the Trust less overall. ”

**Yeovil District Hospital NHS Foundation Trust**

## FACTORS IMPACTING COMPLIANCE

- Option to use email and SMS to contact patients.
- Multiple touch points with patients and workflow options to obtain high patient compliance rates.
- PROMs Administrator focussing on chasing up just a small number of non-responders rather than all patients.

### PRICE

There is a small one-off set-up fee and an annual licence fee which is comparable to current paper PROMs costs. There is also the option to link with the hospital EPR to further reduce admin involvement for both National PROMs and NJR data capture.

## ABOUT AMPLITUDE CLINICAL OUTCOMES

Amplitude is an accredited supplier of National PROMs to the NHS. We are Cyber Essentials Plus certified and have successfully submitted the NHS Data Security and Protection Toolkit. Amplitude is listed as 'Standards Exceeded' as per our most recent submission, providing assurance that we are practicing good data security and that personal information is handled correctly.