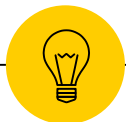


Patient Reported Outcome Measures

open  outcomes



Mike Reed

Apperta Foundation openOutcomes Subcommittee



Ajay Malviya
Consultant Orthopaedic
Surgeon



Professor Mike Reed
(Chair) Consultant
Orthopaedic Surgeon



Dave Townshend
Consultant Orthopaedic
Surgeon



Kanthan Theivendran
Consultant Orthopaedic
Surgeon



Anji Kingman
Clinical Outcomes
Facilitator

We will drive and influence the development and quality improvement of open and shared solutions content for PROMs projects via a collaborative community, and to encourage and facilitate its use in real e-health implementations.

“



Current challenges

- We collected 2500+ pre op PROMs in 2018
- Numbers are growing each year
- All data entry is manual
- Follow ups are also manual
- No joined up view of the patient in analysis (Excel)
- Analysis data access is restricted



Our core aims and values

Open Standards

Complying with and actively promoting the 8 principles outlined in the document titled 'Defining an Open Platform' published by the Apperta Foundation

Collaboration

Building capacity & capability for clinical modelling to ensure sustainability of the creation and maintenance of PROMs solutions; this will be achieved by meeting key strategic partners and facilitating events to influence the development of meaningful solutions

Open Source

Developing a best of breed open source solution that can be used across healthcare in the UK and global technology ecosystem



Roadmap



2016

Formed our Code4Health Community

2017

Worked with UCL to build initial prototype

2018

Refined beta with professional developer – deployed test version

2019

Build in additional specialisms, clinician reporting, mobile and tablet apps

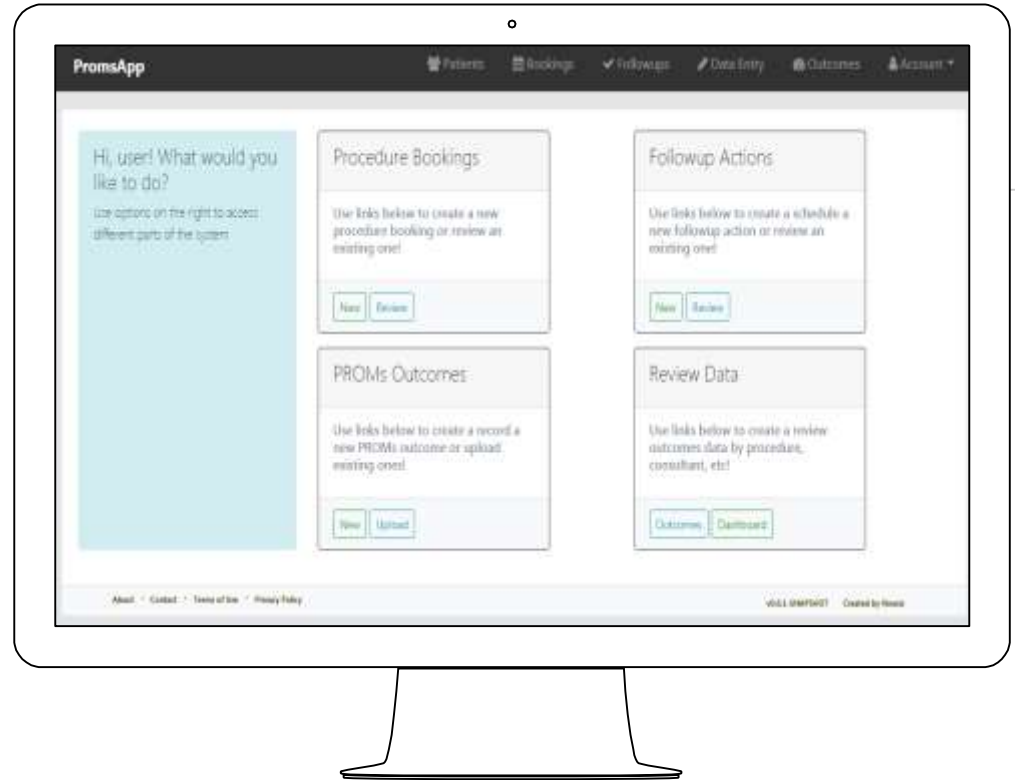


Our concept



Desktop project

- We have built a working prototype
- Running via local servers and as a test implementation
- Currently defining clinical archetypes and templates for other specialisms

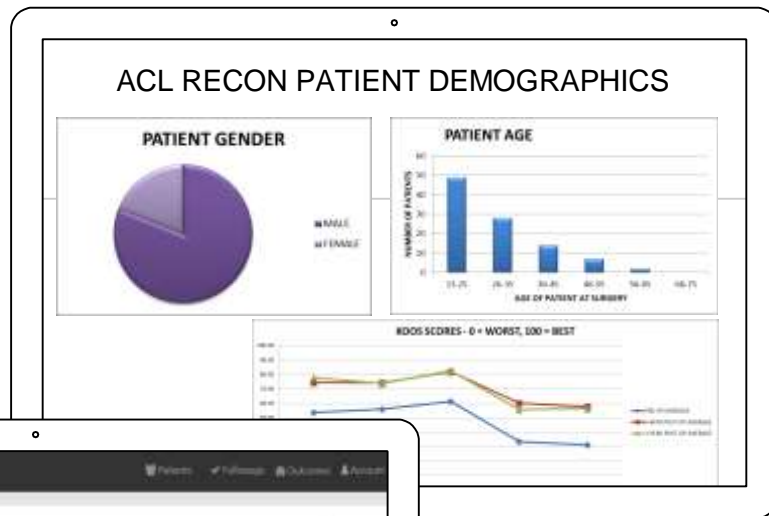


[Demo](#)



Phase 2 Desktop project

- Add additional clinical specialisms
- Create a report engine using open source resources
- Enhance the user interface to speed up data entry





Phase 2 Tablet project

Creating the ability to record PROMs data with our **patients** on the ward or clinic.





Phase 3 Smartphone project

Patients are able to record their own results either on the ward or at home pre and post procedure.



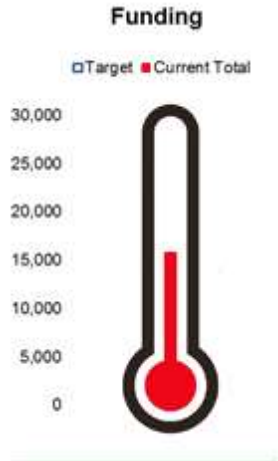


Our ask



2018

Refined beta with professional developer-deployed test version



2019

Build in additional specialisms, clinician reporting, mobile and tablet apps

- Get involved, join our community
- Collaborate and co fund development
- Provide specialist knowledge

open✓outcomes



The future

- ① Share our learning
- ① Share our open source code for use in:
 - Trusts
 - Cloud based national solutions
 - Registries
 - Worldwide healthcare
- ① Coordinate and promote use of outcomes data



Thanks!

Any *questions* ?

You can find us at

- @Outcomes_PROMS
- <https://forums.apperta.org/c/openOutcomes>