**Title**

Optimising engagement in routine collection of electronic patient-reported outcomes into disease registries

**Aim**

To develop, implement and evaluate a comprehensive strategy to engage patients, clinicians and commissioners in routine collection of electronic patient-reported outcomes (ePROs) into the UK Renal Registry, and to identify broader learning to guide routine ePRO collection by other disease registries.

**Summary**

High quality patient-reported outcome data in disease registries can enrich national audits and research, enhance clinical care, and inform commissioning and redesign of health services. However, collecting these data routinely is only feasible and sustainable if done electronically and with support from patients, clinicians and commissioners.

Therefore, this proposal aims to deliver a strategy to engage these key stakeholders in routine collection of electronic patient-reported outcomes (ePROs) into the UK Renal Registry (UKRR), and to inform ePRO initiatives by other disease registries.

Our objectives are to:

1. Explore the needs of key stakeholders to engage in ePROs;
2. Develop an engagement strategy for the UKRR to optimise ePRO response rates across patient groups;
3. Implement, evaluate and further refine the strategy in routine care settings;
4. Produce a blueprint to inform ePRO collection by other disease registries.

For objective 1, we will interview kidney patients, clinical and administrative staff in renal units and commissioners, as well as observe clinic workflows to understand how to embed ePROs in routine care. This will result in the design of an ePRO engagement strategy, which we will then develop for objective 2.

For objective 3, we will implement the strategy across renal units, and iteratively refine it to engage a broader range of patients in ePROs. We will monitor response rates and conduct qualitative research to identify issues and address them as they arise.

For objective 4, we will synthesise all findings from the previous objectives to produce a blueprint, which will provide guidance for other disease registries on how to incorporate routine ePRO collection.