Supplementary Material 1.

Interview/Focus Group Question Guide (Haemodialysis patients)

General experiences completing e-PROMs

- Tell me about your experiences of completing the surveys on the tablet computers at your HD unit?
    - When/at what time point did you complete them?
    - Where?
    - What did you like and dislike about it?
    - Opinions of electronic/tablet surveys versus pen and paper surveys?
- Tell me about any difficulties you had completing the survey
- Did you need help completing the questionnaires? (e.g. from a nurse), If so:
    - What exactly did you need help with?
    - Who helped you? Were staff readily available to assist you?
    - Did this solve the issue/problem?

Specifics of e-PROMs

- How did you find completing the quality of life survey (show example of questions) on the tablet?
    - Type of questions – being asked about symptoms & quality of life issues
    - How did you find the layout of the questions on the screen?
    - How did you find using the touch screen function?
    - Can you describe how it was to complete whilst in the dialysis chair receiving therapy? (prompts: blood lines, dominant vs. non-dominant hand, fistula, physical symptoms)
    - The case/stand (and use of dominant or non-dominant hand)
    - When and where do you think would be the best to ask patients to complete these surveys when they're at a dialysis appointment?

Impacts of feedback of results to clinicians

- Did your doctor or nurse discuss your symptoms with you at any time in the last 6 months? Did you mention any symptoms to your doctor or nurse?
    - If so, what can you recall from that discussion? What was helpful/unhelpful?
    - What happened after that discussion? Did this lead to a change in your care/management (e.g. referred to another doctor)?
- How would you like to receive feedback/follow-up of this sort of information if the hospital collects it from you?

Concluding questions

- If a researcher was to get patients to complete these questions on a tablet differently, what would you suggest?
- What advice would you give to another patient who has not completed this survey before?
- *Do you have any other thoughts or opinions you'd like to share about 1) how we can collect symptom burden and quality of life information from dialysis patients? 2) how we can use tablets in dialysis units to do this?*

1

Supplementary File 2.

Interview/Focus Group Question Guide (Nurse unit managers & dialysis nursing staff)

- What are your nursing role(s) in the unit?
- How would you describe the familiarity or competency of you/your unit with technology and electronic tablets?
- Can you tell me about the role you played in your unit in participating in this trial?
    - How did you find the mechanisms for identifying patients (QR scanning)?
    - Entering patient identifier information into tablet?
    - Administering the questionnaires to patients?
    - Using the instruction manuals/guides for administering and collecting the data?
- Can you tell me about any technical issues you experienced administering the electronic tablets?
    - Cleaning, charging, connecting to internet?
- Training/support for nursing staff to deliver ePROMs to patients?
    - Who is the best person/people to do this?
    - What are the frequent problems requiring assistance?
    - How prepared did you feel in terms of delivering the ePROMs and assisting patients if required?
- Can you tell me about any time when a patient required assistance to complete the questionnaires?
    - Who did they ask for?
    - What were the issues that frequently came up?
    - Were these easily resolved? How long did they take? What is nursing staff's opinion of this? (Burdensome or not an issue)
- What issues, if any, did you observe patients have with the tablets?
- What have been your past experiences collecting PROMs
    - How? Paper or electronic?
    - Who collects? How often?
    - Who are results fed back to? How well are these results followed-up/actioned?
- How did you find the administrative actions on the tablets? (e.g. prompts, reminders, auto-filled patient details, search function)
- When would you say is the *optimal timing* of administering the ePROMs measures? (Before, during or after the dialysis session)
- Where would you say is the *optimal setting* to collect PROMs? In waiting room, in clinics, at home?
- What would you say is the optimal frequency of collecting PROMs? Every 3 months, every 6 months or yearly?

Feedback

- Did receiving the feedback of patient's results lead to any changes in your management/care of them? Follow-up with patient or treating nephrologist?
- Who would you suggest this information/data be fed back to, and why?
- What would be the optimal way of presenting the information? What did you like or dislike about the e-mail?

2

General questions about implementation of ePROMs data capture and feedback

- What do you think are the main barriers to PROMs collection in dialysis units?
- What do you think would enable ease of PROMs collection in routine care – beyond the trial?
- If you were to provide feedback on how this trial could be run differently, what would you suggest?
- What would you say were the main enablers and barriers to ePROMs uptake and implementation?
- Is there anything you wish you knew/had been explained to you at the beginning of study?
- Is there anything else you would like to add/provide feedback on?

Supplementary File 3.

Interview Guide (Nephrologists)

General questions about PROMs collection

- Tell me about your views of PROMs collection in routine care of dialysis patients?
- What are the facilitators to collecting PROMs in routine care?
- What are the main barriers to collecting PROMs in routine care?
- Previous use or planned future use of PROMs
    - Clinicians title/role within their unit or service
    - Has this changed your conversations with patients, nursing, allied health or other medical staff? In what ways?
    - Prior experience with 1) collecting/reviewing PROMs data 2) addressing symptoms of concern for patients and making referrals/changes in management

Specific questions
- Who should ePROMs data be fed back to and actioned by? Why?
- When do you think would be the optimal timing to collect PROMs?
- What do you think would be the best mode of collecting PROMs data from patients (tablets in HD sessions, mobile app, at which appointments, with which member of their care team?)
- How did you find the e-mail feedback system of IPOS-Renal Symptom scores?
    - What did you like about it? What would you change?
    - Timing of e-mails in relation to next clinical encounter with patients?
    - Was there information not included that you would have liked to receive?
    - Was unnecessary information included?
    - Presentation of and access to symptom management guidelines?
- Tell me about the discussions you had with your patients about their 'troubling' symptoms after you had received the results
- What was your perception of how patients found discussing these issues with you? (e.g. fatigue, pain)
- Did receiving the ePROMs data result in changes to your management or care of patients?
    - How? What did you do?
    - Referrals? To who?
    - Response to management of particular symptoms

Concluding questions

- If you were to design and implement a system for PROMs collection – what would be the key features you would suggest?
- Do you have any other ideas for how PROMs data may be collected and fed back and displayed to treating clinicians?
- Is there anything else you'd like to provide feedback on?