

Supplement D : Semi-structured interview for nurses to assess the implementation of the lePRO model of care

For: Development of an ehealth-enhanced model of care for the monitoring and management of immune-related adverse events in patients treated with immune-checkpoint inhibitors (2022)

Based on the Consolidated Framework for Implementation Research (CFIR) guide:

<https://cfirguide.org/guide/app/guide.html>

The original French version of this semi-structured interview guide was translated to English

When interviews will be conducted:	Within 6 weeks after the trial, individually.
Where interviews will be conducted:	On site, in a closed, private room.
Who will conduct the interviews	Study investigator

Outer Setting

Patient Needs & Resources

1. To what extent were the needs and preferences of the patients considered when deciding to implement the ePRO-based model of care?
 - Can you describe specific examples?
 - Will the ePRO-based model of care be altered to meet their needs and preferences?
2. How well do you think the ePRO-based model of care will meet the needs of patients?
 - In what ways will the model of care meet their needs? E.g. improved access to services? Reduced wait times? Help with self-management? Reduced travel time and expense?
3. How do you think the patients will respond to the ePRO-based model of care?
4. What barriers will the patients face to participating in the ePRO-based model of care?
5. Have you heard stories about the experiences of participants with the intervention?
 - Can you describe a specific event?

Inner Setting

Structural Characteristics

1. What kinds of infrastructure changes will be needed to accommodate the ePRO-based model of care?
 - Changes in scope of practice? Changes in formal policies? Changes in information systems or electronic records systems? Other?
 - What kind of approvals will be needed? Who will need to be involved?
 - Can you describe the process that will be needed to make these changes?

Characteristics of Individuals

Knowledge & Beliefs about the Intervention

1. How do you feel about the ePRO-based model of care being used in your setting?
 - How do you feel about the plan to implement the intervention in your setting?

- Do you have any feelings of anticipation? Stress? Enthusiasm? Why?

Self-efficacy

1. How confident do you think your colleagues feel about using the intervention?
 - What gives them that level of confidence (or lack of confidence)?

Process

Executing

1. Has the intervention been applied during the study according to the plan?
 - [If Yes] Can you describe this?
 - [If No] Why not?

Other important issues related to the ePRO-based model of care

1. Is there any other theme or issue that you would like to share regarding your experiences with the ePRO-based model of care?

[1] Sekhon M, Cartwright M, Francis JJ. Acceptability of healthcare interventions: an overview of reviews and development of a theoretical framework. BMC Health Services Research 2017;17. <https://doi.org/10.1186/s12913-017-2031-8>.