Supplementary file S2. Structured interview guide barriers and facilitators

The interview guide was tailored for healthcare providers (H) and managers (M).

Feasibility study (H, if administered PHQ-4)

- In general, what did you think of the Patient Health Questionnaire-4 in practice?

Current situation

- How is screening clients for symptoms of depression and anxiety currently organized within your organization?
  a. How is the screening performed? (prompt: instrument, administration mode, when in rehabilitation process, who processes the results, what will be done with results)
  b. If there is no screening yet: can you explain why this is not part of care yet?

Opinion about PHQ-4

“The Patient Health Questionnaire (PHQ)-4 consists of 4 questions, and is a validated instrument to detect anxiety and depression. This instrument can properly detect both anxiety- and depressive disorders, and symptoms of anxiety and depression. The PHQ-4 can be used by professionals without any background in psychology or psychiatry. A manual has been drawn up, in which you (H) / healthcare providers (M) have contributed to see whether it suits the current working methods.”

- What do you think of the PHQ-4?
- How user-friendly is the PHQ-4? (duration, scope, complexity and number of required steps)
  a. What do you think of the quality of the materials, manual and instructions you received? (H) / How do you rate the quality of the materials and manual you received? (M)
  b. How accessible are these materials to you?
  c. Do you miss anything in these materials, and if so, what is missing?

- How does the PHQ-4 fit within your work? (H) How does the PHQ-4 within the work of healthcare providers? (M)
  a. Does the PHQ-4 fit well within the current processes, or do you expect any problems? (connect to, integrate into, or replace the current process)

- How would you (H) / healthcare providers (M) use the questionnaire? (prompt: paper/digital, when within treatment, who processes the results, what will be done with results)
  a. When should you (H) / healthcare provides (M) use the questionnaire?
  b. What will be communicated to clients about the use of the PHQ-4 and how will this be communicated? (prompt: verbal, written, etc.)

- What advantages and disadvantages did you experience or do you expect in using the PHQ-4? (H) / What advantages and disadvantage do you expect healthcare providers will experience in using the PHQ-4? (M) (prompt: if applicable, what are differences, advantages, and disadvantages of using the PHQ-4 instead of another way of screening?)
  a. What resources are the base of your experienced or expected advantages and disadvantages? (source: experiences pilot, research, practical guidelines, literature, colleagues, other organizations)

- How important / necessary do you think implementing the PHQ-4 is, and can you explain your answer?
Decision making in using the PHQ-4

- How will be decided to implement the PHQ-4 within the organization, and who will be responsible for this decision?
- What factors could influence the organization’s decision to implement the PHQ-4?
- What is the role of managers in this decision-making process? (H) What role do you play in this decision-making process? (M)
  a. If the PHQ-4 will be used, what is required from your manager to enhance use of the PHQ-4? What support do you expect and what barriers do you envision? (H) What support can you offer? What barriers do you envision? (M)
- What role do you play in the decision-making process? (H) What is the role of healthcare providers in the decision-making process? (M)
- In what situations would you decide not to use the PHQ-4?

Use in practice

- What is required to start using the PHQ-4?
  a. What adjustments are needed in the use of the PHQ-4? What should (not) be changed? Who decides on the adjustments?
  b. What supplies / materials are required for use of the PHQ-4 and how available are these requirements? (prompt: personal, space, equipment, costs)
  c. What changes within the organization are required?
  d. Which professionals within your organization are needed to ensure a successful implementation?
- What do you expect your colleagues to think about use of the PHQ-4?
  a. What are the needs and necessities of using the PHQ-4 compared to alternatives and current practice?
  b. How about your (colleagues) confidence in using the PHQ-4? (What contributed to this (lack of) confidence and what could be a solution to increase confidence?)
  c. In which situations might it be difficult to use the PHQ-4?
- What do you envision as the best way to implement the PHQ-4?
  a. How can we stimulate the use of the PHQ-4 by healthcare providers? (prompt: financial, policy, targets, education, managers, acknowledgements)
  b. Who do you envision as a leader of the implementation, and why? What are present and missing qualities?
  c. Which professionals (internal and external) should be involved as well? Why and how should they be involved? What do you expect from them?
  d. What does access to knowledge look like? (prompt: kind of information, how to receive, where accessible, and who shares information)
  e. How do you envision the communication about implementation of the PHQ-4? (prompt: who provides information, how do we involve everyone, which information should be provided and how)
  f. What else should we pay attention to when we start implementing the PHQ-4 within the low vision service organizations?
What might complicate implementation of the PHQ-4 and how could we solve these barriers? (prompt: previous implementations and its challenges)

How do you think clients will respond to use of the PHQ-4?
  a. Does it suit the clients’ needs and preferences? Could you explain your answer?
  b. What do you think clients will experience as (dis)advantages of using the PHQ-4?

**Permanent use**

- What is required to ensure healthcare providers to keep using the PHQ-4?
- What challenges do you envision to permanent use of the PHQ-4 within your organization? How could these challenges be addressed?

**Influencing factors (positive and negative)**

- What advantages do you envision for low vision service organizations in implementing the PHQ-4?
- (if not mentioned yet) Are there any organizational factors, within your organization or department, that might have an impact on the implementation and use of the PHQ-4?
- (if not mentioned yet) Are there any factors in the broader context that might have an impact on the implementation and use of the PHQ-4? (prompt: other organizations, national policy)

**Conclusion**

In general, what do you think of using the PHQ-4 within low vision service organizations to detect depression and anxiety?