Data supplement 2. Focus Group Discussion Guide

Introduction: 15 minutes

1. Welcome
   Introduce the interviewer, notetaker and participants

2. Explain the purpose of the focus group discussion
   The aims of this discussion are
   1. To share clinical experiences on therapeutic hypothermia after cardiac arrest of the champions who work in variable hospitals which are different infrastructures and culture
   2. To discuss about barriers to and facilitators for implementing therapeutic hypothermia after cardiac arrest in their respective hospital
   3. To look for successful implementation strategies

3. Explain the process, ground rules and logistics of the focus group discussion
   About the focus group,
   Takes 60-90 minute,
   Use a voice recorder and write the field notes,
   Everyone should participate,
   Not trying to achieve consensus, there is no right answer,
   Information provided in the focus group must be kept confidential, etc.

Main discussion: 60 minutes

Topic 1. Share clinical experiences of therapeutic hypothermia implementation: 15 minutes

1. First, let’s talk about clinical experiences in your therapeutic hypothermia for the last 1 year.
   Probe questions:
   - Could you explain your experiences to the other participants?
   - Does any of you have similar experiences?
   - Could you explain the implementation strategy on therapeutic hypothermia of you (or your hospital)?
   - What do you think about current implementation strategy on therapeutic hypothermia of you (or your hospital)?
   - What do you think about the other’s (or other hospital’s) implementation strategy on therapeutic hypothermia?

2. Summarize the discussion on topic 1

Topic 2. Discussion on the barriers to clinical implementation: 15 minutes

1. Let’s talk about the barriers to implementing therapeutic hypothermia after cardiac arrest.
   (1) What are the barriers in organizational level?
       Probe questions: Admission policy?
       Lack of human resources?
       Lack of multidisciplinary team?

   (2) What are the barriers in individual level?
       Probe questions: Lack of awareness or agreement of doctors in other department or nurses?
(3) Other barriers?

Probe questions: Problems in cooling equipment or supplies?  
Any other external barriers?

2. What would be solution for the barriers for clinical implementation?

Probe questions: What would be the improvement plan or solution for the barriers?  
Do you agree with the others?

3. Summarize the discussion on topic 2

Topic 3. Discussion on the facilitators in clinical implementation: 15 minutes

1. Let’s talk about the facilitators for implementing therapeutic hypothermia after cardiac arrest.

   (1) What are the facilitators in organizational level?
   
   Probe questions: Support from department chair or colleagues?  
   Relationship with the other department(s)?

   (2) What are the facilitators in individual level?
   
   Probe questions: Educational activities?  
   Clinical experiences on patients with good neurological outcome?

   (3) Other facilitators?
   
   Probe questions: Cooling equipment?  
   Any other external facilitators?

2. Do you have any methods or strategies that you would like to recommend to the others?

   Probe questions:  
   - Which one is the most important facilitators among the others?  
   - Do you agree with the others?

3. Summarize the discussion on topic 3

Topic 4: Discussion on future plan and direction: 15 minutes

1. What is your next plan and direction to implementing therapeutic hypothermia?

2. How would you cooperate with the others?

3. Summarize the discussion on topic 4

Wrap up: 15 minutes

1. Summarize and conclude the discussion  
2. Share lessons learned  
3. Appreciate and wrap-up the meeting