

Supplementary File 1
Semi-structured Interview Guide

Study: Construction of a Standardized Nursing Process for Stellate Ganglion Block in Patients With Insomnia Based on the PDCA Theory

Purpose of the interview:

To explore expert opinions on the essential nursing components, quality evaluation dimensions, current gaps, and improvement strategies for developing a standardized nursing process for stellate ganglion block (SGB) in insomnia patients.

Sampling strategy: Purposive sampling. Termination criterion: information saturation.

Core questions (semi-structured, with flexible probes):

1. What are the essential core components that should be included in a standardized nursing process for SGB in insomnia patients? For each component, what specific nursing actions should be clearly defined?
2. From which dimensions should the quality of nursing care for SGB in insomnia be evaluated? What specific quality indicators would you recommend?
3. In clinical practice, which nursing-related factors do you anticipate could affect the quality of care and treatment outcomes of SGB for insomnia?
4. Based on current clinical practice, what are the main deficiencies or problems in the nursing process, procedures, or management of SGB for insomnia?
5. What targeted improvement measures or optimization strategies would you suggest to enhance nursing practice, improve homogenization of care, and ensure patient safety in SGB for insomnia?

Note: Probes and follow-up questions were used flexibly according to the participant's expertise and responses. The interview guide was developed by the research team through multiple discussions and was not previously published.