

**Objective** design and implementation of interventions to improve sexual health of women with endometriosis.

**Methods** This exploratory mixed-method randomized clinical trial protocol will use consecutive qualitative-quantitative methods, including four phases.

**Conclusion** We expect to develop a comprehensive care program based on the needs and strategies and a review article and Opinions of a multidisciplinary team can lead to the promotion of the sexual health of women with endometriosis.

**First phase**

**Qualitative study**

- Explain the needs and strategies related to the sexual health of women with endometriosis by Conventional content analysis

**Second phase**

**Systematic Review**

- Checking all of the literatures and studies on strategies for improving the sexual health of women with endometriosis

**Third phase**

**Developing The Comprehensive Program**

- Developing a comprehensive program to promote the sexual health of women with endometriosis
- Expert panel meeting by a multidisciplinary team
- Choosing interventional program by Nominal Group Technique (NGT)

**Fourth phase**

**Quantitative Study**

- Implementing the selected program by randomized clinical trial (RCT)
- Determining the effectiveness of the selected interventional program