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## Hope in women with infertility undergoing the assisted reproductive technology: A pilot study

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**Background:** Infertility is not a life-threatening condition, but it has serious implications for the mental and social well-being of those involved, especially the women undergoing artificial reproductive technology. Hope is a general belief in the future, a defense against despair and a safeguard for the human being by illuminating life itself.

**Aim:** The aim of study was to explore the hope of women with infertility undergoing the assisted reproductive technology.

**Method:** The pilot study was conducted semi-structured interviews with 3 women undergoing a medically assisted reproductive program at a medical center in Taipei. Interview were tape-recorded, transcribed verbatim and analyzed by qualitative content analysis.

**Result:** Participants generally described their four themes emerged: Expect life to be holistic; make decision and just do it; uncertainty and loss be a cycle; be support from the relatives and keep going.

**Conclusion:** Artificial reproductive technology is a way for infertile women to expect be a mother and make life complete, the expectance letting them produce energy, to face the future positive and put into action, the pursuit of hope while the process is full of uncertainty and loss, support from family and health care workers will keep them moving forward. The health workers should contribute to building a more satisfying relationship with them and to finding hope, assist them reminding hope.

### Biography

Fang Chan-Chuan is a PhD student at Yang-Ming University, School of Nursing and a Nurse to the Department of Defense Medical Group. She specializes in maternal-neonatal nursing care and medical-surgical nursing care.

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