

# Acceptances Of And Concerns With “Natural Reproduction, In *Vitro* Fertilization, And Surrogacy” And Its Implication For Education

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## Abstract

*In vitro* fertilization (IVF) and surrogacy are global issues interacting with education. Prospective parents now have diverse options, including Natural Reproduction (NR), IVF and Surrogacy. IVF involves intervention through technology, whereas Surrogacy combines technology with the presence of a third party. This study investigated participants' acceptance and concerns regarding these three reproduction types, as well as the four scenarios with different source of gametes in IVF and in Surrogacy. A self-developed questionnaire probing these issues was conducted in Taiwan. Descriptive analysis, ANOVA analysis, post-hoc comparisons, effect size and content analysis were executed. Principle findings include: first, various dissimilarities in degrees of acceptance of the three reproduction types were identified. Bio concerns were predominant in NR and IVF, whereas non-bio concerns were greater for Surrogacy. Second, a differentiated concept of IVF versus Surrogacy, the degree to which preservation of patrilineal bloodline is embedded in scenarios, and a move from a patriarchal culture toward greater gender equality were revealed. Third, acceptance of the various reproduction types and scenarios were influenced by the source of the gametes and the presence of a third party. These findings implicate education and curriculum planning, the formation of parent-parent-child relationships, and legislation in assisted reproductive technologies (ARTs).

**Keywords:** Natural Reproduction, *In Vitro* Fertilization, Surrogacy, Education, Assisted Reproductive Technologies