

# 子宮移植の現状, 課題, 展望

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## Current status, issues and future prospects of uterus transplantation

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### Abstract

Assisted reproductive technology has improved markedly in recent years and many infertile patients have had children using this technology. However, women with infertility due to an absent or non-functional uterus currently have no option of having a genetically linked child, other than gestational surrogacy. Uterus transplantation (UTx) is now a possible approach for women with uterine factor infertility to deliver a child and UTx studies have been performed in many animals. Accumulation of data from these studies has brought UTx within reach of clinical application and recently led to performance in humans in several countries. Procedures in humans have been reported, but there are many medical, ethical and social problems that require thorough discussion prior to clinical application of UTx. In this article, we describe the current status, issues and future prospects of uterus transplantation.

### Key words

uterus transplantation (UTx), surrogacy, uterine factor infertility, adoption, Mayer-Rokitansky-Küster-Hauser syndrome

*Rinsho Hyoka (Clinical Evaluation)*. 2016 ; 44 : 283-90.