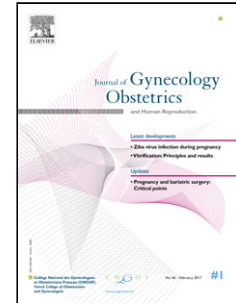


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# Uterine transplantation: review in human research

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## Abstract

Uterine transplantation is the solution to treat absolute uterine fertility. In this review, we present the historical, medical, technical, psychological and ethical perspectives in human uterine transplantation research. We reviewed the PubMed database following PRISMA guidelines and added data presented by several research teams during the first international congress on uterine transplantation.

## Keywords:

Infertility, Uterus transplantation, Review, reproductive transplant, uterine factor infertility

## Introduction

Thousands of women suffer from infertility due to uterine dysfunction with an estimated incidence of one per 500 for women of childbearing age. There are multiple reasons for uterine infertility ranging from congenital malformation (Müllerian agenesis – MRKH syndrome) to iatrogenic causes (postpartum hysterectomy, damaged uterus due to infections or surgery for cancer)<sup>1</sup>.

For patients suffering from uterine infertility, without the option of surrogate motherhood, uterine transplantation is the only way to parenthood.

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