

Uterine transplantation is an extremely complex process and requires careful preparation as well as the tight coordination of multiple medical and social teams. This novel treatment is clearly still in the experimental phases and should only be conducted under an IRB approved research protocol. To be successful, a uterine transplantation team requires a synchronized effort from reproductive specialists, gynecologic surgery, transplant surgery, mental health specialists, ethicists, and patient advocates. Meticulous recipient and donor selection are essential to the success of any protocol. Medical considerations should include a focus on prevention and treatment of rejection, using data from solid organ transplantation to guide immunosuppression, as well as reducing infection, while minimizing morbidity to the recipient and potential offspring. Surgical considerations should include maximizing the length of donor vessels to aid in the recipient surgery and ultimate graft survival, as well as considering novel choices for vessel anastomoses that may provide improved outcomes. Finally, more work is certainly needed in educating the public about the potential for uterine transplantation to change the lives of patients with uterine factor infertility.