

Artificial Womb Vs Mother's Womb

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Abstract

My thesis, which examined how ICT is now replacing humans and will do so entirely in the near future, was completed recently. As part of my recent thesis lets discuss a gossip cum future prediction of a very sensitive area of human race. In detail I'm going to share a pros, cons and anticipation of both men and women in the society towards this scientific invention.

Introduction

Previous year when the news was rapid from the scientists in news platforms and went viral on internet. many were disappointed, few new media manias were welcoming and left the netizens on question marks; Infact, many articles and physicians raised their over and against this. This discovery is something between shock and surprise. By developing a fetus outside the body of an organism that would typically bring it to term, an artificial womb, also known as an artificial uterus, is a technology that would enable extracorporeal pregnancy. This makes it comparable to a newborn incubator.

Challenges

An artificial uterus, often called a "exowomb", would have to eliminate waste and supply nutrition and oxygen to support a growing fetus. To underline a wider definition, the term "artificial uterus system" can also refer to an interface that performs a role typically filled by the placenta, an amniotic sac that serves as an amniotic tank, and an umbilical cord.

Pros of Artificial womb and mother's womb

- In today's world, women often carry a great deal of shame, guilt, and blame despite never having done anything wrong. In this regard, technology might be quite helpful.
- Few aspirational females believe that having a kid after marriage would fulfill their expectations, destroying their aspirations and physical looks. Choosing an option like artificial wombs over surrogacy and IVF is a brave decision.
- The sensation a mother gets as her kid twists and rotates inside her is an experience of a lifetime that she can only have while carrying her child inside her body. According to this proverb, a person's existence begins in the womb and ends in a tomb.

Cons of Artificial womb and mother's womb

- Science fiction is giving way to potential experiments using artificial wombs for extremely preterm human newborns.
- This invention, which has only been tried on animals thus far, may help to lessen or perhaps eliminate the consequences of prematurity by enabling the developing fetus's heart and lungs to continue growing. It's unclear if animal models offer sufficient proof to proceed with human trials.

- With today's technology, fetuses that are more than 23 weeks gestation typically have good outcomes. Fetuses under 23 weeks, however, do not.

View of being a women

Being pregnant is neither a burden or an unpleasant experience for any woman; rather, it is a moment of pride that brings humanity and love to its fullest. Of course, during labor, we experience the discomfort of suddenly cracking many bones. However, reaching the point of conception signifies the accomplishment of social, emotional, physical, and mental well-being. It's the real meaning of "survival of the fittest," which is why a one-woman army must demonstrate its readiness for combat. The only creature in the planet with the ability to bear life is the goddess feminine.

Ethics and laws

In addition to raising bioethical and legal issues, the creation of artificial uteri and ectogenesis has significant ramifications for reproductive rights and the abortion debate. The range of fetal viability might be increased by artificial uteri, which would raise concerns regarding the place of embryonic viability in relation to abortion laws. Arguing that an artificial womb would release "women from the tyranny of their reproductive biology" in relation to pregnancy and delivery.

Pods are removable artificial wombs used in the Pod Generation. Couples may share pregnancy more equitably using pods. "It might also mean that the divide between mother and father can be dispensed with: a womb outside a woman's body would serve women, trans women and male same-sex couples equally without prejudice."

Men's perspective

Only when a woman desires and a man tries to fulfill it can the closeness between the heart and the physical meet and multiply. When a woman is bearing her life's fruit, this happens. Since the rate of divorce and death these days is about equal, missing those times makes it harder to have a successful marriage. Men's regard for women is elongated or prolonged when they are burdened and suffer, giving up their bodily and mental needs in order to save their man's life..

Conclusion

Clinical studies with artificial wombs are unlikely to be available where they are most needed, let alone be used in clinical practice like suburban African areas.

Reference

1. <https://www.scientificamerican.com/article/it-is-too-soon-for-clinical-trials-on-artificial-wombs/>
2. <https://www.npr.org/sections/health-shots/2024/04/12/1241895501/artificial-womb-premature-birth>

Appendix

