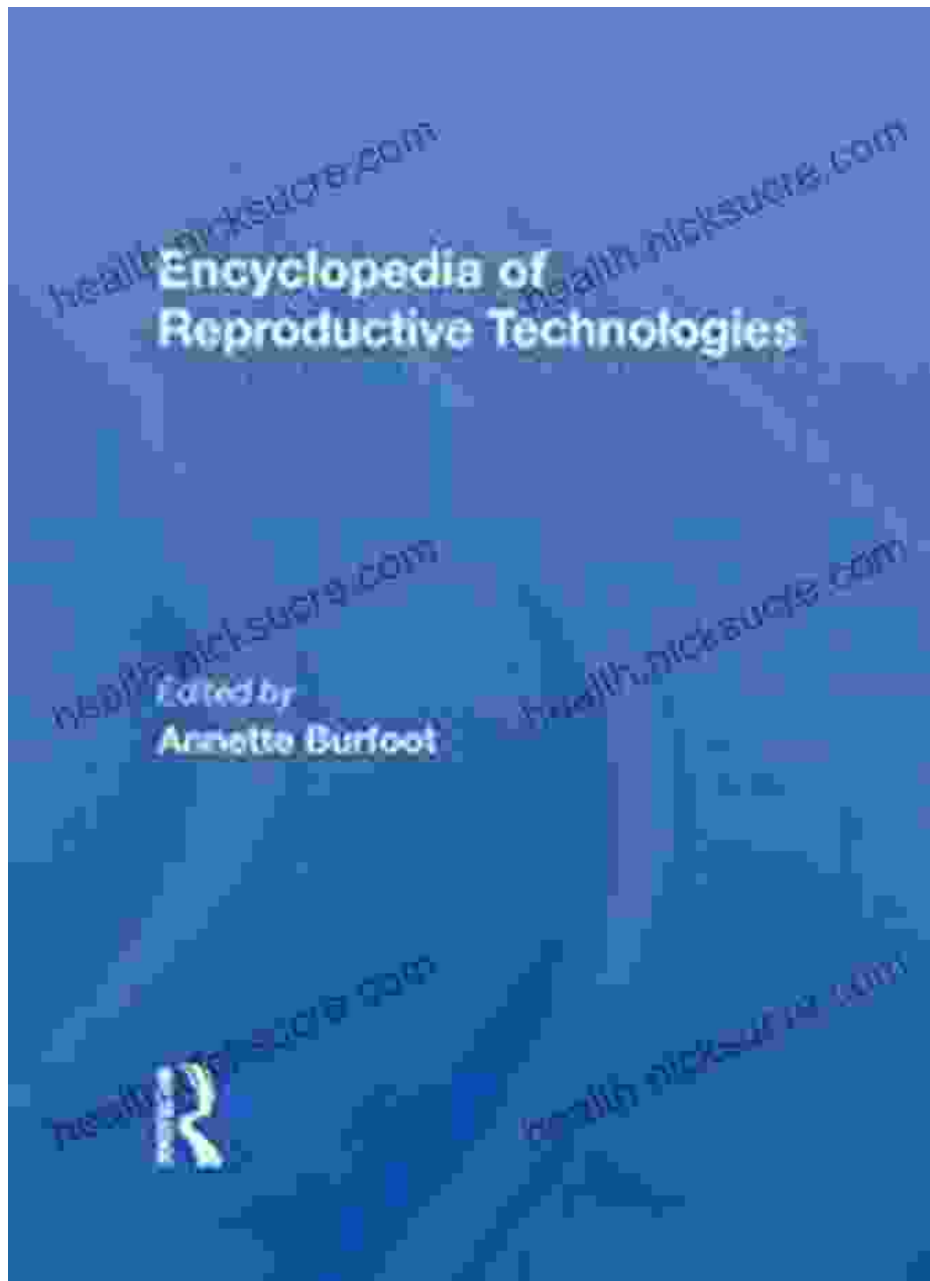


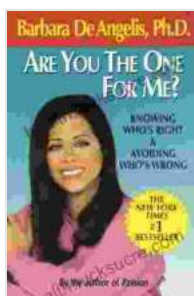
# Encyclopedia of Reproductive Technologies: A Comprehensive Guide to Assisted Reproductive Methods



The Encyclopedia of Reproductive Technologies by Barbara De Angelis is a comprehensive guide to assisted reproductive methods (ARMs). ARMs are

medical procedures that help people conceive a child when they are unable to do so naturally. The encyclopedia provides detailed information on the different types of ARMs, their success rates, and their potential risks.

The encyclopedia is written in a clear and concise style, making it easy to understand for both lay readers and medical professionals. De Angelis provides a wealth of information on ARMs, including the latest research findings and clinical guidelines. She also includes personal stories from couples who have used ARMs to achieve their dream of having a child.



## Encyclopedia Of Reproductive Technologies

by Barbara De Angelis

★★★★☆ 4.5 out of 5

Language : English  
File size : 3954 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 371 pages



The Encyclopedia of Reproductive Technologies is an essential resource for anyone who is considering using ARMs. It provides comprehensive information on the different types of ARMs, their success rates, and their potential risks. The encyclopedia is also a valuable resource for medical professionals who want to learn more about ARMs.

### Types of Assisted Reproductive Methods

There are many different types of ARMs, each with its own success rates and risks. The most common types of ARMs include:

- **In vitro fertilization (IVF):** IVF is a procedure in which eggs are fertilized outside the body in a laboratory dish. The fertilized eggs are then transferred to the woman's uterus.
- **Intracytoplasmic sperm injection (ICSI):** ICSI is a procedure in which a single sperm is injected directly into an egg. The fertilized egg is then transferred to the woman's uterus.
- **Gamete intrafallopian transfer (GIFT):** GIFT is a procedure in which eggs and sperm are placed directly into the fallopian tubes. The eggs are then fertilized in the fallopian tubes.
- **Zygote intrafallopian transfer (ZIFT):** ZIFT is a procedure in which fertilized eggs are placed directly into the fallopian tubes.
- **Embryo transfer:** Embryo transfer is a procedure in which embryos are transferred to the woman's uterus. Embryos can be created through IVF, ICSI, GIFT, or ZIFT.

The type of ARM that is recommended for a particular couple will depend on their individual circumstances. Factors that will be considered include the woman's age, the cause of infertility, and the couple's financial resources.

### **Success Rates of Assisted Reproductive Methods**

The success rates of ARMs vary depending on the type of procedure and the couple's individual circumstances. In general, the success rates of ARMs are higher for younger women and for couples who have no known

cause of infertility. The success rates of ARMs also decline with each attempt.

The following table shows the average success rates of different types of ARMs:

Type of ARM	Success Rate
IVF	30-40%
ICSI	25-35%
GIFT	20-25%
ZIFT	20-25%
Embryo transfer	50-60%

It is important to note that these are just average success rates. The actual success rate for a particular couple will depend on their individual circumstances.

## Risks of Assisted Reproductive Methods

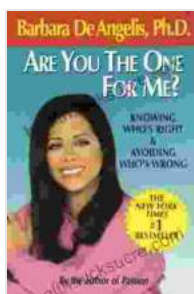
ARMs are generally safe procedures, but there are some potential risks involved. These risks include:

- **Multiple pregnancies:** ARMs can increase the risk of multiple pregnancies, which can be dangerous for both the mother and the babies.
- **Ovarian hyperstimulation syndrome (OHSS):** OHSS is a condition that can occur when the ovaries are stimulated with fertility drugs. OHSS can cause abdominal pain, bloating, and nausea.
- **Ectopic pregnancy:** An ectopic pregnancy occurs when the fertilized egg implants outside the uterus. Ectopic pregnancies can be life-threatening for the mother.
- **Birth defects:** There is a small risk of birth defects in children conceived through ARMs.

The risks of ARMs should be discussed with a doctor before starting treatment.

The Encyclopedia of Reproductive Technologies by Barbara De Angelis is a comprehensive guide to assisted reproductive methods. The encyclopedia provides detailed information on the different types of ARMs, their success rates, and their potential risks. The encyclopedia is an essential resource for anyone who is considering using ARMs.

If you are considering using ARMs, it is important to talk to a doctor to discuss your individual circumstances and the risks and benefits of treatment.



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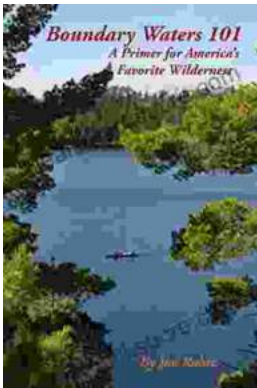
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