

The letters 'ART!' are rendered in a 3D, blocky font. The color is a gradient of yellow and orange, giving it a glowing or metallic appearance. The letters are slightly tilted and have a shadow effect.

Assisted Reproductive
Technology

Administration of fertility drugs To stimulate superovulation in ovulating women

- Follicle stimulating hormone to ripen or stimulate several follicles for ovulation (Drug names: Metrodin, Fertinex, Follistin, Gonal-F)
- Clomiphene citrate for inducing ovulation in non-ovulatory women (Serophene or Clomid)

AI = Artificial Insemination: Sperm injected with syringe

IVF - ET = In vitro fertilization - Embryo Transfer
(1978 in England, '81 in US) 78%

GIFT = Gamete Intrafallopian Transfer - mixes sperm and eggs
(about 4) in petri dish then injected into Fallopian tube
for fertilization

ZIFT = Zygote Intrafallopian Transfer - transfers zygotes into
oviduct prior to cell division (1986 in US)

PROST = Pronuclear Stage Transfer - like ZIFT only fertilized
eggs are transferred before the egg's nucleus has fused
with the sperm's nucleus

SOURCE = Superovulation, Uterine Replacement, Capacitation,
Enhancement - retrieves eggs during menstrual cycle
with stimulants (like Clomid)

Surgical procedures

ICSI (whistlin Dixie) = Intracytoplasmic Sperm Injection -
Injects a single sperm into egg
(has pregnancy rate of +/- 30%)

Zona Drilling / PZT = Partial Zona Pellucida Drilling - injects
sperm into yolk sac

MESA = Microsurgical Epididymal Sperm Aspiration - sperm
"rescued" from epididymis then combined with
IVF or ICSI

Cloning = nucleus removed from egg. Egg injected with genetic
material from another person dead or alive. Beginning
next month.

DI = Donor Insemination

Sperm, eggs and or womb from donors are used.

Often involves freezing sperm and eggs.

Can include surrogate mother.

Many babies born from reproductive materials of three people rather than two (donor sperm, donor egg, donor womb).