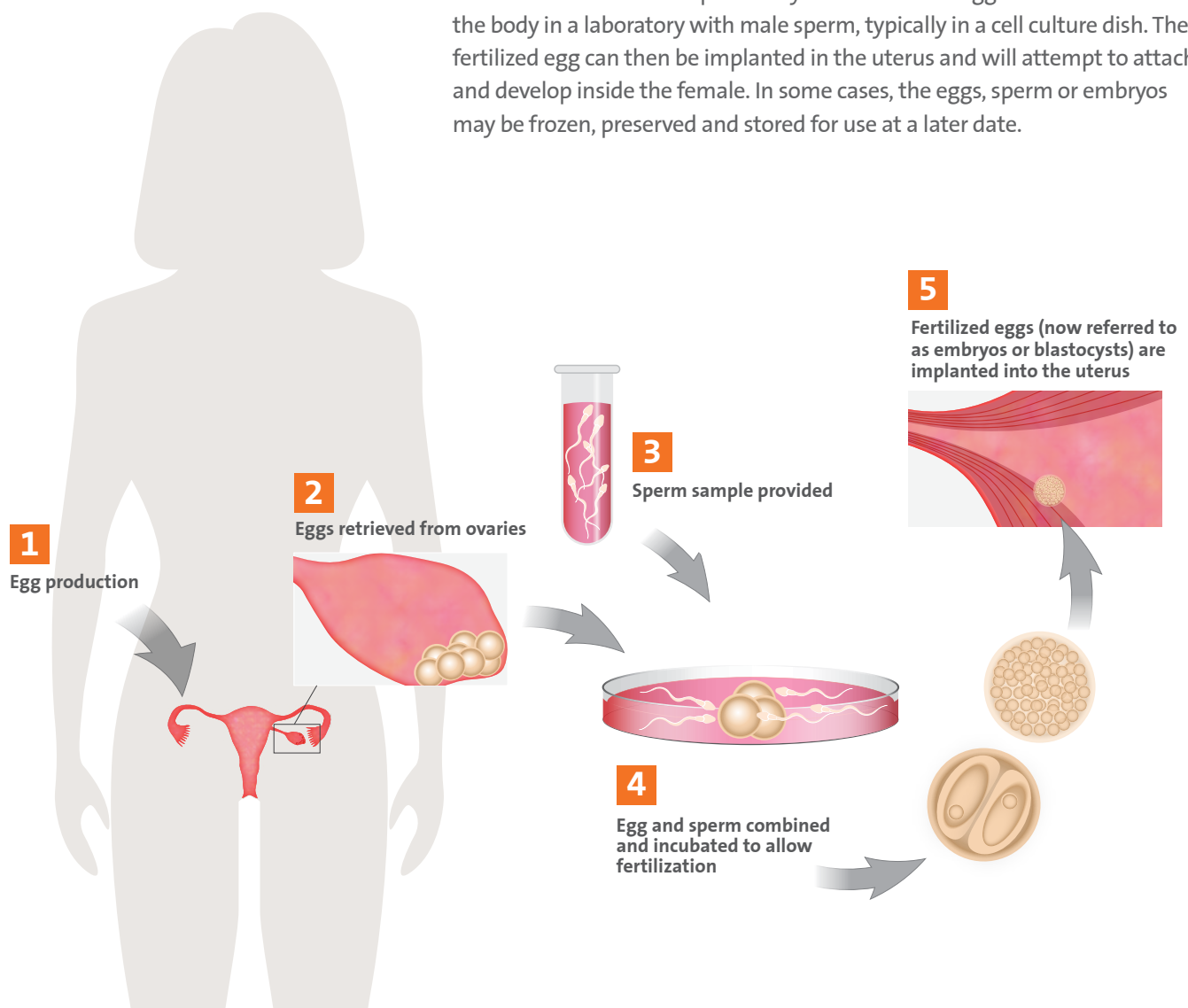


CORNING

## Corning Products used in the *In Vitro* Fertilization Process

### *In Vitro* Fertilization (IVF)

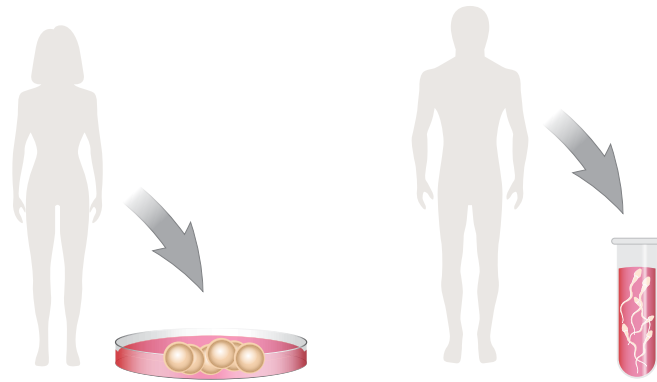
*In vitro* fertilization is the process by which a female egg is fertilized outside the body in a laboratory with male sperm, typically in a cell culture dish. The fertilized egg can then be implanted in the uterus and will attempt to attach and develop inside the female. In some cases, the eggs, sperm or embryos may be frozen, preserved and stored for use at a later date.



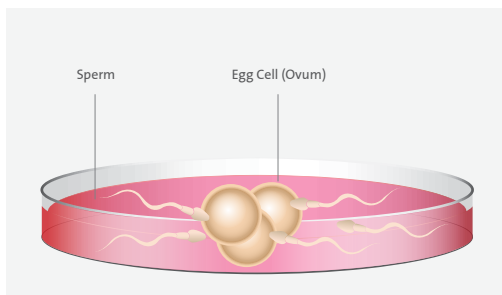
## In Vitro Fertilization (IVF) Process

### Step 1: Egg and Sperm Collection

Eggs are retrieved from a female, and sperm is collected from a male.

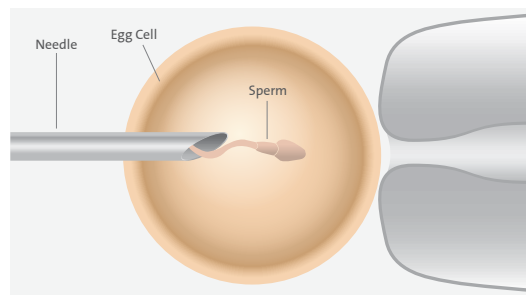


### Step 2: In Vitro Fertilization



Collected eggs are isolated, and the sperm is added to fertilize the egg in a cell culture dish.

OR



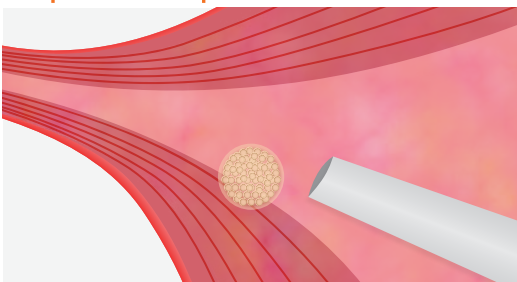
In other instances, fertilization may be achieved through Intracytoplasmic Sperm Injection (ICSI), a procedure where a single sperm is injected directly into an egg.

### Step 3: Fertilized egg culture

The fertilized egg is cultured for a period of 2-5 days to encourage cell division.

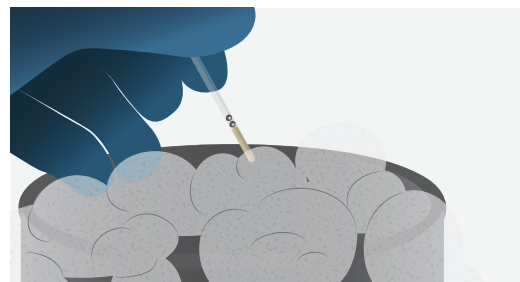


### Step 4: Implantation or Cryopreservation



The fertilized egg or embryo is transferred from the culture dish and implanted into a woman's uterus by a medical doctor.

OR



Eggs, sperm, or embryos may be frozen (also known as cryopreservation) to be used at a later date.

## Corning Related Products

Falcon® *In Vitro* Fertilization Products are:

- ▶ US FDA Class II medical devices
- ▶ CE marked medical devices



IVF round dish  
Cat. No. 353652



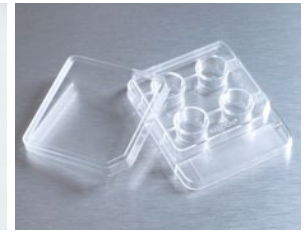
IVF one-well dish  
Cat. No. 353653



IVF four-well plate  
Cat. No. 353654



IVF low-wall dish  
Cat. No. 353655  
For use in fertilization via the  
Intracytoplasmic Sperm Injection  
(ICSI) procedure.

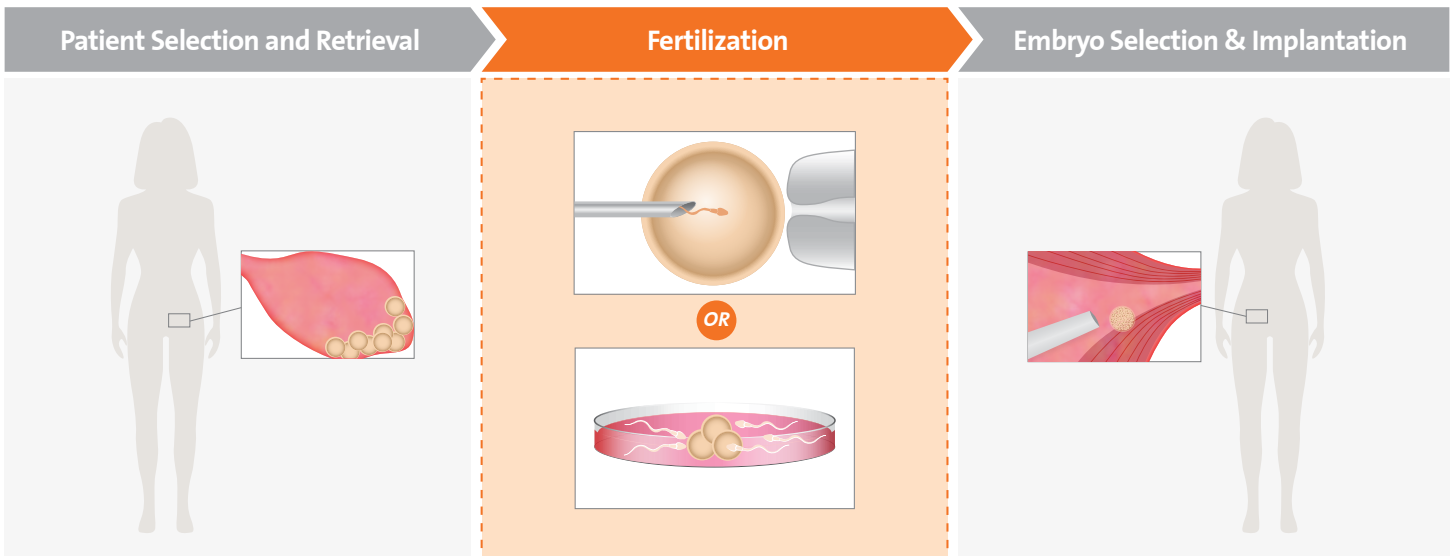


IVF four-well dish, with one piece lid  
Cat. No. 353671

Products may not be available in all markets.

## Regulation of the IVF Process

- ▶ The US Food and Drug Administration (FDA) does not regulate the practice of Medicine.
- ▶ The FDA regulates drugs and devices used in IVF treatments.
- ▶ The FDA does not regulate IVF medical procedures nor does it regulate general operations of fertility clinics.



**Warranty/Disclaimer:** For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources). Products may not be available in all markets.

# CORNING

For additional product or technical information, visit [www.corning.com/lifesciences](http://www.corning.com/lifesciences) or call 800.492.1110.  
Outside the United States, call +1.978.442.2200.

For a listing of trademarks, visit [www.corning.com/clstrademarks](http://www.corning.com/clstrademarks). All other trademarks are the property of their respective owners.  
© 2022 Corning Incorporated. All rights reserved. 6/22 CLS-CC-116