

BEST PRACTICES

Transfer of Frozen IVF Embryos

ONLY
SYNCHRONIZED
RECIPIENTS

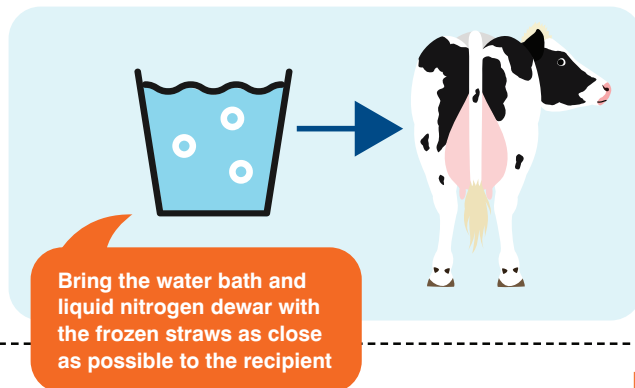
DAY
6.5

DAY
7

DAY
7.5

DAY
8

SHOULD
BE USED

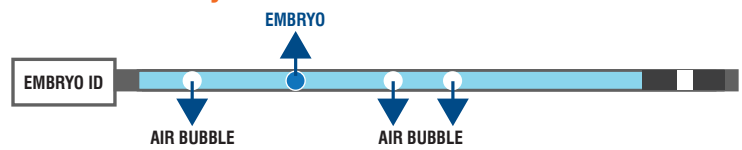


Material Preparation:

- The ET equipment (ET gun, sheaths, and sanitary sheaths) should be prepared ahead of time and kept warm so the equipment will be at **38°C (101°F)**
- The straws should be loaded in the ET gun in a clean, warm room **20-24°C (68-75°F)**
- Prepare a water bath with **30°C water (86°F)**

Frozen IVF embryos are prepared to be transferred directly as soon as possible after thawing. Once thawed, the embryos are exposed to a harmful medium and need to be transferred into the uterus of the recipient in a short period of time. The goal is to go from tank to uterus in **less than 3 minutes**.

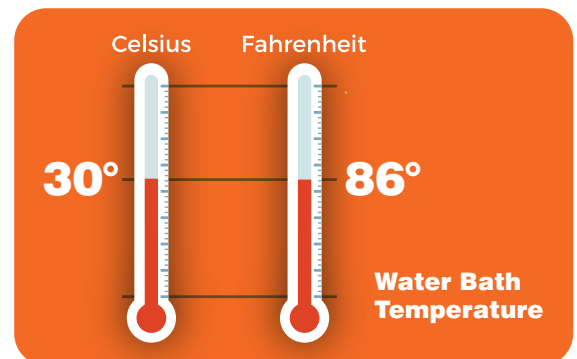
How IVF embryos are intended for direct transfer



The entire volume of the straw has to go in the uterus during transfer!

Transfer Procedure:

- Take out the straw (ONE AT A TIME) from the liquid nitrogen tank and expose it to the air for 5 seconds before plunging it in the **30°C (86°F) water bath for 30 seconds**
- Slowly stir the water bath with the straw during thawing to assure even heat distribution. **DO NOT MIX THE COLUMNS**
- Take the straw out of the water bath, dry it with a clean towel and proceed to transfer as usual with embryos loaded in **0.25 ml straws**



NEVER look at the embryo under a stereomicroscope since it will impair embryo viability because of a longer exposition to the freezing medium



NEVER empty a straw with a frozen IVF embryo since a very harmful osmotic shock will occur and may kill the embryo. PLEASE transfer directly!

 **Semex Embryos**

ARC 

The Advanced Reproduction Centre