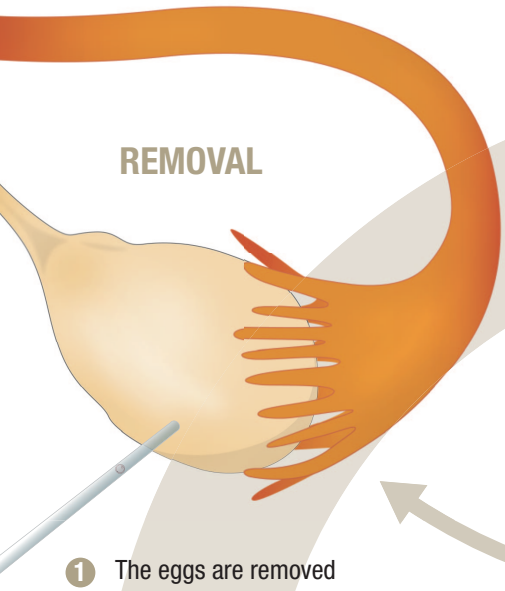
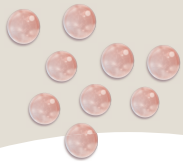
timefreeze

Egg vitrification

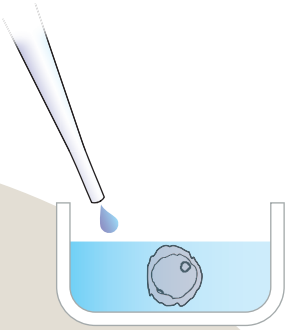


REMOVAL

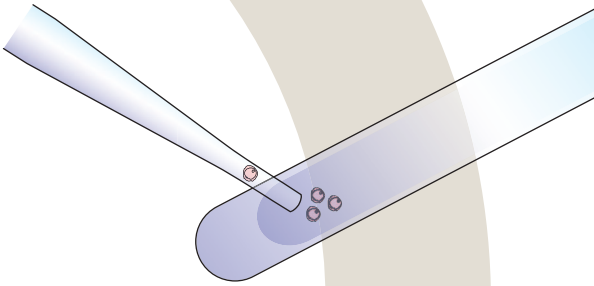
1 The eggs are removed from the ovary by means of a small puncture



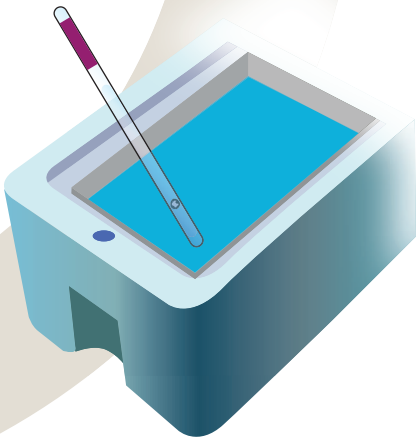
2 The mature eggs have been selected



3 They are bathed in a sucrose solution one by one, which eliminates the water they contain in order to avoid the formation of crystals during freezing, which could damage it



4 The eggs are placed in a small tube called a straw, ready for cryopreservation



5 The straws are immersed in liquid nitrogen at -196 degrees, and in a matter of seconds are frozen

6 Once frozen, the eggs are kept unaltered in the nitrogen tank indefinitely until use

CONSERVATION

Fresh egg

Frozen egg

7 To thaw the eggs, the reverse process takes place

The patient receives a card with the image of the eggs that have been vitrified