

# Blastocyst transfer

The ovaries are stimulated and the oocytes are removed when mature. They will be inseminated with sperm in the laboratory.

When fertilisation occurs, the development of the embryo begins, which will result in the future baby.

A single embryo will be transferred at the blastocyst stage, achieving the same pregnancy rate as with two embryos on day 3 of development.

At this point, the embryo is ready to implant in the endometrium.

## Blastocyst culture

As a result of fertilisation an embryo is formed with 2 pronuclei, one of which is male and the other female.

**CELL DIVISION PHASE.** It divides into two cells, with one nucleus each



25h.

It divides into eight cells



3 days

**MORULA PHASE.** It goes on dividing, and is taking a shape that is reminiscent of a blackberry.



4 days

5,5 - 6 days

**BLASTOCYST PHASE.** The embryo already has two distinct parts: the inner one, called the internal cell mass, which will develop into the foetus and the outer part is the trophoblast, which will become the placenta.

4,5 - 5 days