## Keeping your embryos safe

EmbryoScope™+ time-lapse systems allow embryologists to monitor your embryos while culturing them in an undisturbed stable environment for the entire culture period.

## Advanced software support

Images from the EmbryoScope+ time-lapse systems are examined by embryologists using advanced software tools. Algorithms which have been developed by examining outcomes from thousands of IVF cycles help embryologists rank embryos according to likelihood of implantation.

## AI-based embryo evaluation

iDAScore is an artificial intelligence-based embryo evaluation algorithm to provide fully automated analyses of your developing embryos. With iDAScore, the full time-lapse development sequence is analysed and given an objective score. All embryos are ranked according to their likelihood of implantation, which gives the embryologists an improved basis for embryo selection.

## Tested and trusted

The Vitrolife time-lapse systems were the first systems cleared for clinical use for IVF in 2009 and are the world's most used. Improvement in quantity and quality of embryos cultured in Vitrolife's time-lapse systems which may lead to an improved clinical outcome has been documented in numerous published studies.[1]

## Vitrolife time-lapse systems*

EmbryoScope+        EmbryoScope 8        EmbryoScope Flex

*The incubators have different capacities.

---

"It was very special to see Maxime as a future baby developing as an embryo in a little time-lapse clip. We watched this clip every day and also showed it to close friends and family. It´s just a miracle."

*Corrie and Alexandra battled infertility for 7 years and went through two cycles of IVF. In their second cycle, the couple used Vitrolife time-lapse systems to maximise their chances.*

*Space for external clinic logo*

Scan the code or visit vitrolife.com to learn more about the EmbryoScope+ time-lapse systems and how it can help improve your chances for successful IVF treatment.

© Vitrolife 2022. REF19082. Version 5. Date of issue 220921.

**Vitrolife**
PART OF **VITROLIFE GROUP**®

---

# Growing and selecting the best embryo with EmbryoScope+ family

Find out how time-lapse systems by Vitrolife can increase your chances of success.

**Vitrolife**

# The IVF journey and the embryo growth and selection step

## Monitoring your embryos while they grow

IVF involves many steps to help you achieve a successful pregnancy. One of the steps is growing the embryos in a safe, undisturbed environment and selecting the embryo most likely to result in the birth of a healthy baby. While the embryos are grown inside an incubator, their quality will be continuously evaluated based on their appearance and number of cells.



### Growing and selecting the best embryo

Embryo is grown inside an incubator until transfer day

Embryo development is monitored and the best quality embryo is selected

# Undisturbed environment and improved embryo evaluation

## The traditional method

Without time-lapse technology, embryologists have to remove the embryos from the incubator to perform evaluations. Time spent outside the incubator can reduce the quality of the embryos, which is why inspections outside the incubator are limited to once a day. Without time-lapse, key features of development of the embryo which offer clues to viability can be missed. Therefore, embryologists can only make brief snap-shot evaluation of embryos with the traditional method.

## The Vitrolife EmbryoScope method

The EmbryoScope+ time-lapse systems have a built-in microscope and camera in the incubators which takes pictures of the embryos every 10 minutes. As a result, time-lapse videos of individual embryos are generated over the full culture period. Your embryologist uses advanced software to look at the time-lapse videos of your embryos in order to select the best ones for transfer and freezing.

**With EmbryoScope+ time-lapse technology, embryologists are able to monitor your embryos throughout the full course of their development – without having to remove them from the safe environment of the incubator.**

① Ovarian stimulation

② Egg collection

③ Egg meets sperm, fertilisation

④

⑤ Transfer to the womb

⑥ The 'two week wait'