

C. REDUCED HANDLING

Due to the time-lapse imaging software, Embryologists are able to review the development of embryos at any point in time without removing them from their incubators.

D. BETTER EMBRYO SELECTION

By obtaining accurate in-depth data, selection and de-selection criteria can be used to try and identify the best embryo for transfer. This can in turn improve IVF success through:

- Improved implantation rate due to increased chances of transferring a viable embryo.
- Reduced pregnancy loss by selecting the most viable embryo for implantation.
- Shortening the overall time to pregnancy by improving the clinical pregnancy rate while decreasing pregnancy losses effectively.



● WHO WILL SEE THE RECORDINGS OF MY EMBRYOS?

The video recordings of the embryos will only be seen by authorised staff at Alpha IVF Centre.



For more information on how EmbryoScope+ would benefit you do not hesitate to speak to our nurses or drop us an email at: enquiry@alphaspecialists.com.sg

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EMBRYOSCOPE+ TIME LAPSE SYSTEM



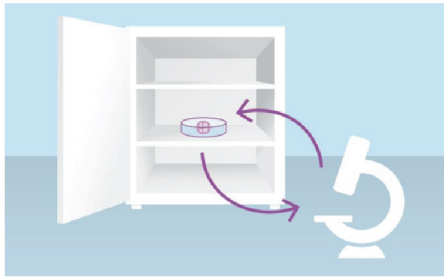
**ALPHA IVF CENTRE
ALPHA WOMEN'S SPECIALISTS**

● WHAT IS EMBRYOSCOPE+?

EmbryoScope+ is an innovative time-lapse technology used to carefully monitor and analyse the development of embryos.



This cutting-edge system combines an incubator, high-resolution camera and computer software to automatically take an image of every developing embryo at 10-minute intervals.



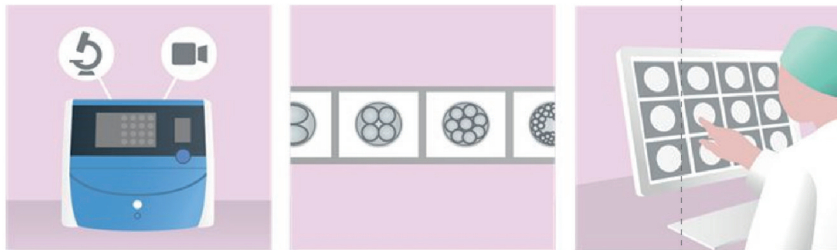
The Conventional Way

The embryologists remove the embryos from the incubator to perform assessments, about 3 to 5 time-points over the entire course of the culture. Conventional 'snap-shot' evaluations miss critical embryo developmental patterns.

These images can be reviewed at any time by our Embryologists without removing the embryos from the incubator.

● TIME-LAPSE CULTURE VERSUS ROUTINE CULTURE

In routine practice, the progress and development of your embryos is monitored once or twice a day. This requires the Embryologist to remove your embryos from the incubator and examine them under a microscope, before returning them to the incubator. Effectively, this gives us a snapshot or two of how your embryos are doing each day. Using Embryoscope+, embryos can be observed at any time of the day or night, without the embryos being removed from the culture environment.



The New Way

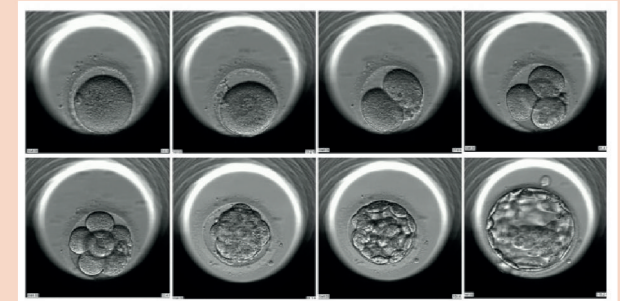
The embryologists are able to monitor your embryos throughout the full course of their development without removing them from the safe environment of the incubator using an advanced software.

● BENEFITS OF EMBRYOSCOPE+

A. STABLE CULTURE CONDITIONS

EmbryoScope+ provides a stable culture environment for embryos by regulating gas and temperature conditions. Temperature is tightly regulated by direct heat contact and air is continuously purified through a HEPA/VOC filter. An integrated gas mixer allows the easily and economically.

B. CONSTANT TIME-LAPSE MONITORING



EmbryoScope+ acquires images of each individual embryo separately. More than 7200 minutes of an embryos development can be analysed through constant imaging. This ensures seamless video playback.