



# Embryoscope

innovative time-lapse technology



Used for embryo development and selection, combining an incubator, high resolution camera and computer software to carefully monitor and analyse the development of embryos.

# What is EmbryoScope?

The EmbryoScope uses an innovative time-lapse technology to carefully monitor and analyse the development of embryos. It combines an incubator, high resolution camera and computer software to automatically take an image of an embryo up to every seven minutes.

## What are the benefits of EmbryoScope?

### Reduced handling

Scientists can review the development of embryos at any point in time without removing them from their incubators which maintain an optimal temperature and pH. Reduced handling and manipulation contributes to improved embryo viability and transfer outcome.

### More monitoring

Scientists can analyse more than 7200 minutes of an embryos development compared with the standard 6-10 minutes eliminating the need to move the embryos out of their incubator for analysis on a microscope. The continuous recording in the EmbryoScope enables scientists to more easily identify optimal patterns of development, or abnormalities, in an embryo's growth that could be indicative of the embryo's future development potential.

### Better embryo selection

By obtaining accurate, in-depth data on embryo development whilst the embryo is still inside the incubator, scientists can now use selection and de-selection criteria, to identify the best embryo for transfer. Virtus Artificial Intelligence software (Ivy) can then be used to help select embryos

### First video of your baby

If you would like one, you can receive a time lapse video of the transferred embryo developing. Please request this from the laboratory.

## Who might benefit from using EmbryoScope?

Everyone undergoing IVF or ICSI are suitable for culture in the EmbryoScope.

### FIND OUT MORE

To make an appointment please call 1800 111 483 or to find out more information please visit [ivf.com.au/embryoscope](http://ivf.com.au/embryoscope).

### OUR DIAGNOSTIC SERVICES

Your fertility specialist and local clinic are members of Virtus Health, one of the world's leading providers of fertility care. During your care Virtus Diagnostics, also a member of Virtus Health, provides fertility pathology services associated with general gynaecology, fertility investigations and treatment, pre-natal diagnostics and specialist genetic testing.