



DISCLAIMER

- Niels B. Ramsing is an employee and shareholder in Vitrolife AB
- Vitrolife AB develop, produce and sell the EmbryoScope ™ the first *time-lapse incubation system* approved for clinical use in IVF.



Chief Technology Officer, Ph.D.
 – Developing and testing the EmbryoScope since 2004.

















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INCREASED SAFETY

- More than one person can score and evaluate embryo development
- All development data saved ability to re-evaluate if complications or questions appears
- Lab QC possible- early warning system for issues with the culture system¹⁻³



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6 | Flexibility in workflow

OBSERVATIONS ARE NOT CONNECTED TO FIXED TIME-POINTS

- Reduce the morning rush hour
- · Evaluate embryos when you have time
- Free up resources

You can plan your workload better









































EMBRYOVIEWER SOFTWARE KEY FEATURES

- Annotation tool to mark morphokinetic and morphological events
- Digitalization
- Flexible annotation strategy
- Compare and Select tool for better selection
- Creation of models clinic specific
 Report and video generation



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 FATURES OF EMBRYOSCOPE SERVER

 Centralized data, multiple viewing stations

 Image: Contralized data, multiple viewing stations

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2.2.1 More information – Cleavage patterns

REVERSE CLEAVAGE: IMPACT ON OUTCOME

- Occurred in 27.4% of embryos
- Reduced implantation potential:
 0% for RC embryos versus 22.1% for non-RC embryos











