

## Time lapse et aneuploïdie embryonnaire : Un moyen indirect de remplacer le PGS ?

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*The introduction of time lapse imaging into clinical IVF centres in recent years has allowed embryologists and researchers to amass data on the dynamic development of human embryos and then to retrospectively assess the 'morphokinetic' variables recorded, for each embryo, in relation to implantation and live birth outcome. This has then facilitated the development of embryo selection algorithms, or models. CARE Fertility is a large independent provider of IVF in the UK and Ireland and was the first to introduce time lapse to clinical practice in the UK. All CARE Fertility clinics use the EmbryoScope for time lapse imaging and, as practice across the group is standardised, the data are pooled for analysis and model development. In this presentation, Alison Campbell will describe the approach to time lapse at CARE Fertility and how the data are used to develop embryo selection models, such as the aneuploidy risk classification model, they published in 2013. Alison will also describe CARE Fertility's in-house developed early cleavage models and discuss the implications and benefits of using them for embryo selection.*

*As a discipline, we are only just scratching the surface of this exciting new area of clinical embryology which promises, if managed correctly, to furnish practitioners with the knowledge and tools to improve the outcome for patients seeking our help.*

Thanks

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