Below is a list of abstracts and publications which give an overview of research using the EmbryoScope Time-lapse system and other presented and published research about divisional timing, morphology and morphokinetic analysis. Also included are selected publications about incubation quality.

EmbryoScope publications

Articles


Animal studies


ASRM Abstracts 2010


**ESHRE Abstracts 2010**


Publications about Division timing

Early cleavage


**Other studies pertaining to divisional timing**


**Time-lapse human studies**


**Time-lapse Animal models**


Hiiragi, T. and Solter, D. (2004) ”First cleavage plane of the mouse egg is not predetermined but defined by the topology of the two apposing pronuclei” *Nature*, vol. 430 (6997), pp. 360-364


Uneven sized blastomeres, multinucleation and fragmentation


Yakin, K., Balaban, B. and Urman, B. (2005) “Impact of the presence of one or more multinucleated blastomeres on the developmental potential of the embryo to the blastocyst stage” Fertil Steril, vol. 83(1), pp. 243-245
**Incubator conditions, air quality etc.**


Respiration publications (EmbryoScope and others)


measurements of human oocytes and embryos: a future means of embryo selection?"  *Fertil Steril*, vol. 86 (Suppl 2), S88


**Population based studies**


Walker, M.C., Murphy, K.E., Pan, S., Yang, Q. and Wen, S.W. (2004) "Adverse maternal outcomes in multifetal pregnancies"  *BJOG*, vol. 111 (11), pp. 1294-1296

References 21.06-2011 v2