



global[®]

Based on Pure Science

The leading scientifically based and clinically proven
'Uninterrupted Single Solution Culture Medium[®]'.



'Uninterrupted Time-Lapse Culture Medium[®]'

- ❖ The First leading scientifically based 'Single Solution Medium[®]'.
- ❖ Proven to work with any type of VOC controlled environment as a continuous culture.
- ❖ Over 150 Independent Publications using global[®] medium.
- ❖ Over 15 years of Consistent Superior Results worldwide.

Let the Embryos Choose![®]



"We are extremely happy with Global medium combined with the Embryoscope. Nice blastocyst formation and our pregnancy rates have been over 70% with Day 5 transfer. We use it as a continuous culture medium from Day 1 onwards with no media exchange."

"We transitioned from using it from D1 thru 6 with a half change on Day 3 to using it for "uninterrupted culture" from Day 1-Day 6. Equivalent results both ways."

Nina Desai, PhD, HCLD, Cleveland Clinic

(global® user since 2001. No commercial ties with the company.)

1. Uninterrupted culture of human embryos in global® or global® total®

- Campbell A, Fishel S, Bowman N, Duffy S, Sedler M and Hickman CFL (2013) Modelling a risk classification of aneuploidy in human embryos using non-invasive morphokinetics. *Reprod Biomed Online* **26**, 477-85.
- Costa-Borges N, Bellés M, Herreros J, Teruel J, Ballesteros A, Pellicer A and Calderón G (2013) Single medium culture in a time-lapse incubator until the blastocyst stage with or without medium renewal on Day-3: a prospective randomised study with donor oocytes. *Human Reprod.* **28 Suppl. 1**, i184 (Abstract P-167).
- Semeniuk L, Mazur P, Mikitenko D, Nagorny V and Zukin V (2013) Time-lapse and aCGH, is there any connection between ploidy and embryo cleavage timing on early stages of embryo development? *Fertil Steril* **99 Supplement**, S6 (Abstract O-5).
- Cruz M, Garrido N, Herrero J, Perez-Cano I, Munoz M and Meseguer M (2012) Timing of cell division in human cleavage-stage embryos is linked with blastocyst formation and quality. *Reprod Biomed Online* **25**, 371-381.
- Silva MM, Llanos BA, David Gumbao, Marcos J, Sanchez A, Nicolas M, Olmedilla LF and Gutierrez JL (2012) Optimization of clinical outcomes in an oocyte donation programme. *Reprod Biomed Online* **24 Suppl 1.**, S7 (Abstract PP-6).
- Bellver J, Mifsud A, Grau N, Privitera L and Meseguer M (2013) Similar morphokinetic patterns in embryos derived from obese and normoweight infertile women: a time-lapse study. *Hum Reprod* **28**, 794-800.
- Munoz M, Cruz M, Humaidan P, Garrido N, Perez-Cano I and Meseguer M (2013) The type of GnRH analogue used during controlled ovarian stimulation influences early embryo developmental kinetics: a time-lapse study. *Eur J Obstet Gynecol Reprod Biol* **168**, 167-72.

2. Time-lapse culture of human embryos in global® or global® total®

- Basile N, Morbeck D, Garcia-Velasco J, Bronet F and Meseguer M (2013) Type of culture media does not affect embryo kinetics: a time-lapse analysis of sibling oocytes. *Hum Reprod* **28**, 634-641.
- Bellver J, Mifsud A, Grau N, Privitera L and Meseguer M (2013) Similar morphokinetic patterns in embryos derived from obese and normoweight infertile women: a time-lapse study. *Hum Reprod* **28**, 794-800.
- Campbell A, Fishel S, Bowman N, Duffy S, Sedler M and Hickman CFL (2013) Modelling a risk classification of aneuploidy in human embryos using non-invasive morphokinetics. *Reprod Biomed Online* **26**, 477-85.
- Campbell A, Fishel S, Bowman N, Duffy S, Sedler M and Thornton S (2013) Retrospective analysis of outcomes after IVF using an aneuploidy risk model derived from time-lapse imaging without PGS. *Reprod Biomed Online* **27**, 140-6.
- Costa-Borges N, Bellés M, Herreros J, Teruel J, Ballesteros A, Pellicer A and Calderón G (2013) Single medium culture in a time-lapse incubator until the blastocyst stage with or without medium renewal on Day-3: a prospective randomised study with donor oocytes. *Human Reprod.* **28 Suppl. 1**, i185 (Abstract P-167).
- Cruz M, Garrido N, Herrero J, Perez-Cano I, Munoz M and Meseguer M (2012) Timing of cell division in human cleavage-stage embryos is linked with blastocyst formation and quality. *Reprod Biomed Online* **25**, 371-381.
- Desai NN, Ploskonka S, Goldberg J, Austin C and Falcone T (2013) Morphokinetic analysis of embryos from patients having a day 5 transfer: preliminary results with the embryoscope. *Fertil Steril* **100**, S120 (Abstract O-392).
- Martinez-Burgos M, Losada C, Pareja S, Agudo D and Bronet F (2013) Effects of low O2 concentration in extended embryo culture using benchtop incubators (Embryoscope and MINC). *Fertil Steril* **100**, S251 (Abstract P-360).
- Munoz M, Cruz M, Humaidan P, Garrido N, Perez-Cano I and Meseguer M (2013) The type of GnRH analogue used during controlled ovarian stimulation influences early embryo developmental kinetics: a time-lapse study. *Eur J Obstet Gynecol Reprod Biol* **168**, 167-72.
- Nakahara T, Iwase A, Goto M, Harata T, Suzuki M, Ienaga M, Kobayashi H, Takikawa S, Manabe S, Kikkawa F and Ando H (2010) Evaluation of the safety of time-lapse observations for human embryos. *J Assist Reprod Genet* **27**, 93-6.
- Ramirez JM, Fernandez FG, Bueno AS, Brandt M, Fernandez JAG and Lopez EG (2012) Importance of multinucleation at 2-cell stage: study in a time-lapse incubator. *Fertil Steril* **98 Suppl.**, S-169 (Abstract P-196).
- Semeniuk L, Mazur P, Mikitenko D, Nagorny V and Zukin V (2013) Time-lapse and aCGH, is there any connection between ploidy and embryo cleavage timing on early stages of embryo development? *Fertil Steril* **99 Suppl**, S6 (Abstract O-5).
- Silva MM, Llanos BA, David Gumbao, Marcos J, Sanchez A, Nicolas M, Olmedilla LF and Gutierrez JL (2012) Optimization of clinical outcomes in an oocyte donation programme. *Reprod Biomed Online* **24 Suppl 1.**, S7 (Abstract PP-6).