



CULTURE MEDIA BY ORIGIO®

EmbryoGen® & BlastGen™

Facilitating communication between embryo
and endometrium



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origio

a CooperSurgical Fertility Company

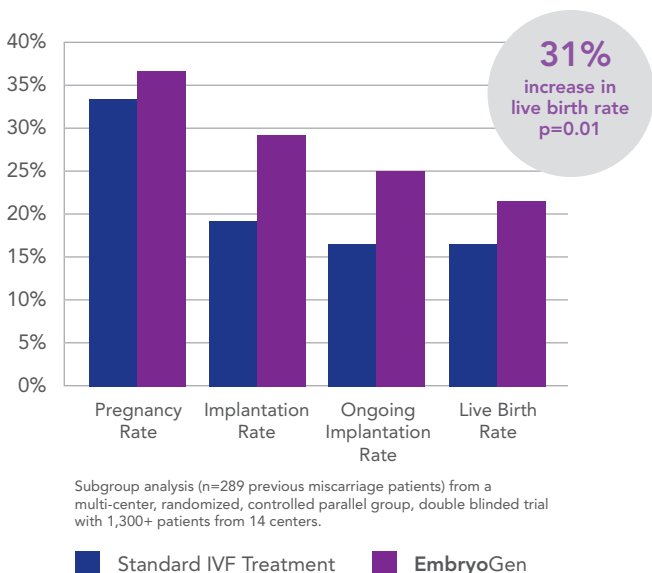
EmbryoGen and **BlastGen** is the first media suite containing the recombinant human GM-CSF cytokine. **EmbryoGen** & **BlastGen** reduce embryo stress by creating a more physiological *in vitro* environment. It is beneficial for all patients, but highly recommended for women experiencing:

- Recurrent clinical and biochemical pregnancy loss
- Recurrent implantation failure
- Unexplained infertility

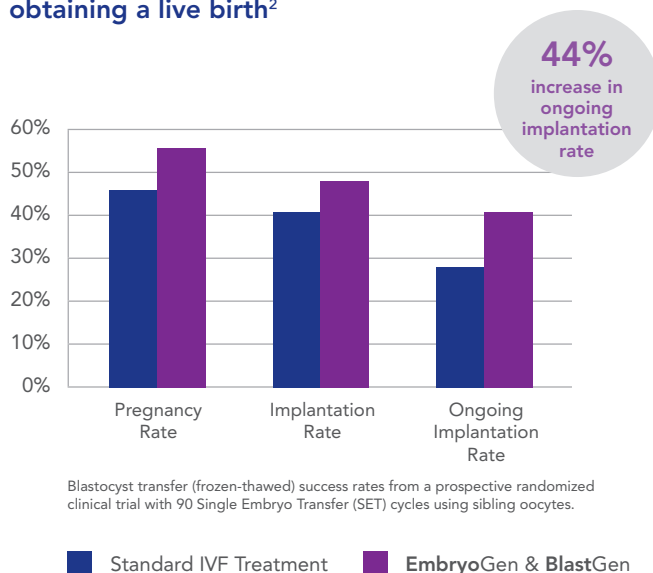
EmbryoGen is for the culture of human embryos until the 2-8 cell stage, **BlastGen** is for the culture of 4-8 cell stage embryos to the blastocyst stage. Both may also be used for embryo transfer. ORIGIO Sequential Fert™ is recommended for fertilization before culture in **EmbryoGen**.

Clinical Outcomes

3 days of embryo culture in medium containing GM-CSF improved live birth rate¹



EmbryoGen and BlastGen have a positive effect on pregnancy rate and increase the chances of obtaining a live birth²



Product Specifications

- Recommended pH (6.0% CO₂): **EmbryoGen 7.2 / BlastGen 7.3**
- HSA: 5 mg/ml
- GM-CSF: 2 ng/ml
- Osmolality (mOsm/kg): 272 – 288 mOsm/kg
- Mouse embryo assay (MEA): >80% (BL Rate/ 1-cell)
- Shelf life is 26 weeks from date of manufacture, shelf life after opening is 7 days
- Ready to use

Ordering Information

12062003	EmbryoGen & BlastGen	2 x 3ml
12040003	EmbryoGen	3ml
12050003	BlastGen	3ml

1. Ziebe et al., A randomized clinical trial to evaluate the effect of granulocyte-macrophage colony-stimulating factor (GM-CSF) in embryo culture medium for in vitro fertilization. *Fertil Steril.* 2013 May;99(6):1600-9.

2. ORIGIO®, data on file

Components

GM-CSF
Sodium hyaluronate
Physiological salts
Energy substrates
Non-essential amino acids
Essential amino acids
Vitamins & antioxidants
EDTA
Gentamicin sulfate
HSA

Learn more about culture at www.origio.com

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