



CULTURE MEDIA BY ORIGIO®

# EmbryoGen® & BlastGen™

Facilitating communication between embryo  
and endometrium



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origio

a CooperSurgical Company

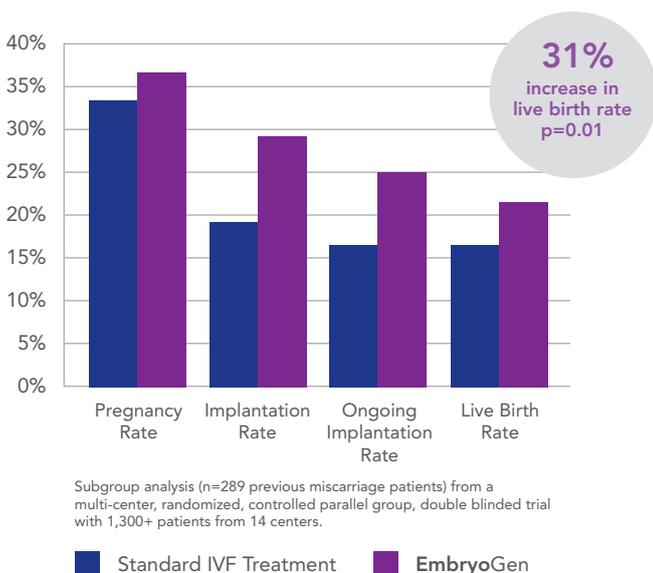
**EmbryoGen** and **BlastGen** is the first media suite containing the recombinant human GM-CSF cytokine. **EmbryoGen & BlastGen** reduce embryo stress by creating a more physiological *in vitro* environment. It is beneficial for all patients, but highly recommended for women experiencing:

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

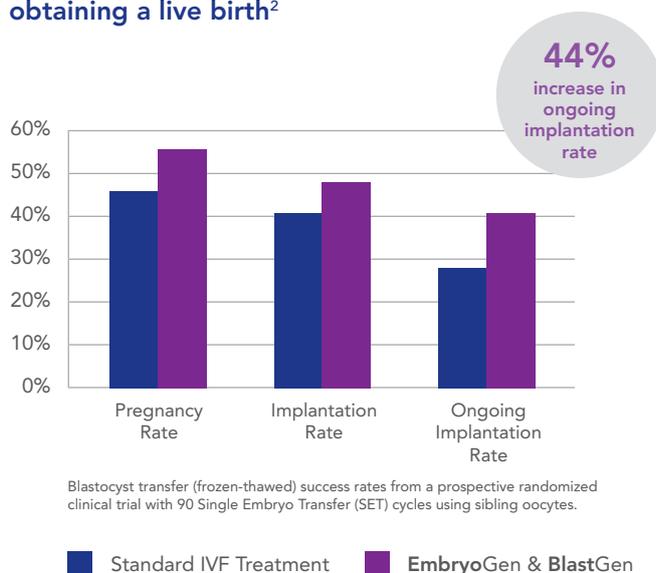
**EmbryoGen** is for the culture of human embryos until the 2-8 cell stage, **BlastGen** is for the culture of 4-8 cell stage embryos to the blastocyst stage. Both may also be used for embryo transfer. ORIGIO Sequential Fert™ is recommended for fertilization before culture in **EmbryoGen**.

## Clinical Outcomes

### 3 days of embryo culture in medium containing GM-CSF improved live birth rate<sup>1</sup>



### EmbryoGen and BlastGen have a positive effect on pregnancy rate and increase the chances of obtaining a live birth<sup>2</sup>



## Product Specifications

- Recommended pH (6.0% CO<sub>2</sub>): **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	<b>EmbryoGen &amp; BlastGen</b>	2 x 3ml
12040003	<b>EmbryoGen</b>	3ml
12050003	<b>BlastGen</b>	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](http://www.origio.com)

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