

EmbryoGen®: Optimise your IVF

WHAT IS EMBRYOGEN®?

EmbryoGen® is an innovative IVF culture media containing a growth factor called GM-CSF. This is naturally produced in the woman's fallopian tubes and uterus. Embryos grown in this media from day 1 up to day 6 of development, are reported to have better development and implantation^{1,2}. It may be suitable for women who have had previous IVF failures, multiple miscarriages or who are aged over 38.

HOW DOES IT WORK?

EmbryoGen® contains GM-CSF, which promotes embryo growth and development¹. GM-CSF is also used as a 'communication substance' between mother and embryo during pregnancy, to promote implantation and fetal viability¹. Adding GM-CSF to the culture media creates a more natural environment to support embryo development in the laboratory.

IS IT SAFE?

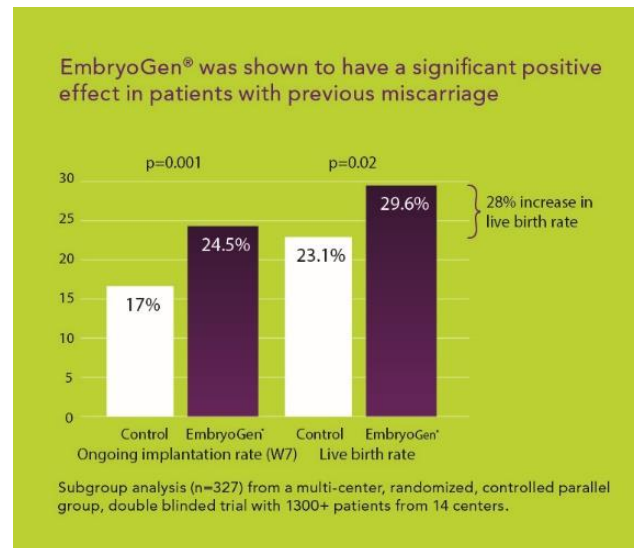
EmbryoGen® is FDA approved and has been used in over 50 countries since 2011. To date, there have been no reports of increased birth abnormalities, reduced birth weight or multiple births. The studies to date have also provided no evidence of an increased risk of chromosomal abnormalities in EmbryoGen® babies.

HOW EFFECTIVE IS IT?

A large, multi-centre trial in 2013² showed a significant increase in implantation and live birth rates using EmbryoGen® compared to regular IVF media, specifically in women with previous miscarriages.

HOW MUCH DOES IT COST?

EmbryoGen® is an extra cost (an Add-on) to most IVF cycles, so please check the price list on our website.



References

1. Sjöblom C, Wikland M and Robertson SA. Granulocyte-macrophage-colony stimulating factor (GM-CSF) promotes inner cell mass blastomere viability in human pre-implantation embryos. *Fertility and Sterility*, 2001. 76(3): p. S70.
2. Ziebe S 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. *Fertility and Sterility*® Vol. 99, No. 6, May 2013.



Repromed offers a range of additional techniques that are optional extras (Add on's) to the core treatment cycle. Our team continuously assess the scientific merits, safety, value and clinical evidence of the latest medical advances, to ensure clients

have access to a comprehensive range of options. It is our policy to recommend Add-on's only where a considered benefit to improved chances of pregnancy exist, based on each client's reproductive history and diagnosis. Add-on's have extra costs associated with them and this can be found on the Repromed website under cost of IVF infertility treatment.

Ask your Repromed doctor if EmbryoGen® is recommended for you.