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GM-CSF and assisted reproductive techniques

Sajjad Jafarzadeh[1], Jafar Mohseni[2], Ameneh Shirmohammadian[1], Rana Safarian[1]

1. Embryology department, Azerbaijan Art center, ACECR East Azerbaijan branch

2. Genetics department, Azerbaijan ART center, ACECR East Azerbaijan branch

Assisted reproductive techniques are based on the use of appropriate tools and media necessary ingredients for fetal growth. Today, a variety of culture medias based on physiological principles of human are made and used. The effects of these substances on the epigenetic of the fetus development are also discussed.GM-csf is one of the factors that is used and should be discussed.GM-csf as a glycoprotein has positive effects and can be used in different stages of assisted reproductive techniques. As for the effects of this factor, it effects on spermatogenesis and spermiogenesis also on embryonic development after fertilization by the embryo culture media storage and transfer medias for embryos have the impact on the growth of uterine endometrial layer making it Suitable for implantation and a cure for recurrent miscarriage as it is. Additionally, the studies on the impact of this factor on the improvement of the indicators examined in sperm analysis have been done, which reflects the positive impact of this material.

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