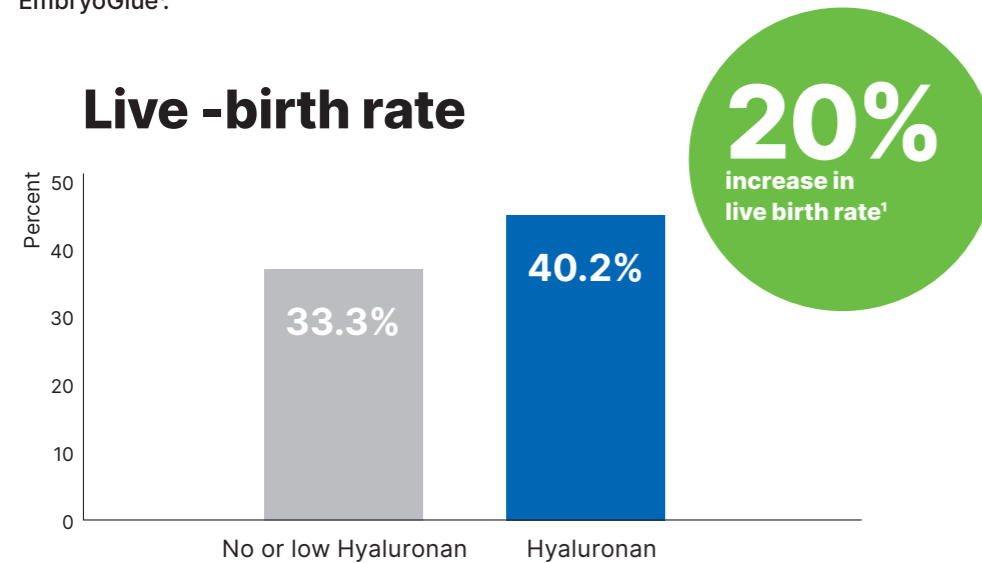


## More children born with EmbryoGlue

EmbryoGlue has been used clinically since 2003 and is the most documented embryo transfer medium<sup>1,10</sup>. It has been shown to increase both implantation, pregnancy rates and live birth rates. Data from 26 quality approved clinical studies was collected in a review performed by the Cochrane collaboration. Data on live births from more than 4,000 transfers shows a 20% increase in chance if using EmbryoGlue<sup>1</sup>.



Each fertility treatment is unique – ask your doctor if EmbryoGlue is an option for your treatment.

Space for external clinic logo



Scan the code or visit [vitrolife.com](http://vitrolife.com) to learn more about EmbryoGlue and how it can help improve your chance for successful IVF treatment.

1. Hyemann, D. Hyaluronic acid in embryo transfer media for assisted reproductive technologies (Review). Cochrane Database of Systematic Reviews 2020, Issue 9. DOI:10.1002/14651858.CD007421.pub4. 2. Lee CN and Ax RL Concentration and composition of glycosaminoglycans in the female bovine reproductive tract. J Dairy Science 67:2006-2009 (1984). 3. Suchanek E et al. Follicular fluid contents of hyaluronic acid, follicle-stimulating hormone and steroids relative to the success of in vitro fertilization of human oocytes. Fert.Steril 62:347-352 (1994). 4. Rodriguez-Martinez et al. In Gametes: Development and Function, Sero symposia. Rodriguez-Martinez H et al (1998) GAGs and spermatozoa competence in vivo and in vitro. In Gametes: Development and Function pp 239-272 Eds A Lauria, et al. Sero symposia, Roma (1998). 5. Kano K et al (1998) Effects of glycosaminoglycans on the development of in vitro-matured and fertilized porcine oocytes to the blastocyst stage in vitro. Biol of Reprod 58:1226-1232 (1998). 6. Campbell S et al (1995) CD44 is expressed throughout preimplantation human embryo development. Hum Reprod 10:425-430 (1995). 7. Behzad F et al (1994) Expression of two isoforms of CD44 in human endometrium. Biol Reprod 51:739-747 (1994). 8. Yaegashi N et al (1995) Menstrual cycle dependent expression of CD44 in normal human endometrium. Hum Pathol 26:862-65 (1995). 9. Stojkovic M et al (2003) Developmental regulation of hyaluronan-binding protein (RHAMM/IHABP) expression in early bovine embryos. Biol Reprod 68:60-66 (2003). 10. Schoolcraft W, Lane M, Stevens J, Gardner DK (2002) Increased hyaluronan concentration in the embryo transfer medium results in significant increase in human embryo implantation rate. Fertil Steril 76 Suppl 3 S5.

## Helping your embryos to implant with EmbryoGlue

Find out how transfer medium by Vitrolife can increase your chance of success





## The IVF journey and the embryo transfer step

### Maximise the chance of your efforts

The process of going through an IVF treatment is a physical and mental effort. After egg retrieval your embryos have grown in the laboratory incubator for a few days, perhaps they have gone through additional genetic testing and the best one is selected for embryo transfer. At this point in time the transfer is the last step of the process for the embryo. To maximise the chance of success, the transfer can be made with the help of EmbryoGlue®.

## How does it work?

### Building a bridge between embryo and womb

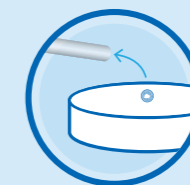
EmbryoGlue is not an actual glue, it is a solution used when transferring the embryo back into the uterus. The solution has an optimal composition by having a high concentration of hyaluronan to support implantation of the embryo to the womb<sup>1</sup>. In practice, the high concentration of hyaluronan thickens EmbryoGlue so that it becomes more similar to the texture of the fluids in the womb. Thus, it is believed that improved mixing of these fluids may minimise embryo drifting<sup>2,5</sup>.

Hyaluronan binds to molecules on the uterine surface and acts like a bridge between the embryo and the womb<sup>6,9</sup>. This helps the embryo to implant in the womb much like during natural conception.

- Hyaluronan is a natural substance present in all bodily tissues and is a key molecule in embryo development and implantation.
- Hyaluronan is always present in the womb, but levels increase when the woman can become pregnant.
- EmbryoGlue is formulated with an elevated concentration of hyaluronan to mirror the level in the womb during implantation.



### The embryo transfer



Embryo is placed in a catheter with EmbryoGlue



Embryo is passed into the womb

