SpermSlow™

The natural alternative to PVP for the selection of mature sperm

- One-step immobilization and selection of mature sperm for ICSI
- Improved embryo quality and development
- Approaching physiological ICSI
SpermSlow acts as a biomarker for sperm selection as only mature spermatozoa will effectively bind to hyaluronan via receptors on the sperm head. This enables selection of only competent sperm with better developmental maturity and DNA integrity.

SpermSlow is a natural alternative to PVP as it is made principally of hyaluronan, a naturally occurring substance found in the oocyte cumulus complex and is completely biodegradable.

Clinical Documentation

The clinical efficacy of SpermSlow has been shown to be equivalent to that of PVP\(^1\) or better, with improved embryo quality\(^2\), improved embryo development\(^3\) and improved implantation rate\(^4\).

![Graph showing transfer rate, clinical implantation rate, clinical pregnancy rate per transfer, and clinical pregnancy rate per retrieval for SpermSlow and PVP.]

A 2004 study, where oocytes from two equally aged (mean: 33.6 yrs) patient groups were injected with sperm immobilized in PVP Clinical Grade (n=110) and SpermSlow (n=92), found there were no significant differences in the Embryo Scoring and the number of embryos transferred: SpermSlow 166/88 and PVP 195/105= 1.86. There were five miscarriages in each group\(^5\).

References


Catalogue No.

1094 4000 SpermSlow, 4 x 0.1 ml