



CLARITY[®]



Non-Spermicidal A.I. Lubricating Jelly

INDICATIONS

A preserved, isotonic, pH buffered, non-spermicidal, non-irritating, water-soluble lubricating jelly for all types of non-sterile medical procedures.

- Supports sperm cell functionality due to its isotonic (neutral) formulation
- Other products may be hypertonic, leading to loss of cellular fluid
- In a controlled study, fresh extended semen was mixed with CLARITY[®] A.I. Lubricating Jelly at 1% and 5% concentrations* with:
 - No effect on motility
 - No effect on viability (intact acrosome)



AVAILABILITY

1 Gallon - Reorder No: 59016
12 oz. Bottle - Reorder No: 59017

www.aurorapharmaceutical.com

CLARITY is a Registered Trademark of Aurora Pharmaceutical, Inc.

*Study final report available by request (multiple types of extenders were used).

**FOR USE IN ANIMALS ONLY
FOR EXTERNAL USE ONLY**

For questions, please call 888-215-1256
Aurora Pharmaceutical, Inc.
Northfield, MN 55057



CLARITY® Non-Spermicidal A.I. Lubricating Jelly is provided in a convenient, multi-use squeeze container. Antimicrobial effectiveness testing has shown it will continue to be safe to use even if the product is exposed to contamination from the environment. The viscosity was selected on the ability to cover the catheter tip for easy catheterization.

CLARITY® Non-Spermicidal A.I. Lubricating Jelly was shown to support boar sperm cell functionality in a recent study conducted by an outside laboratory. There was no difference in motility (computer-assisted semen analysis) and membrane viability (flow cytometric analysis) between control samples and extended boar semen exposed to CLARITY® Non-Spermicidal A.I. Lubricating Jelly at 1%, 2.5% and 5% in BTS short-term extender.

As part of the same controlled study, extended boar semen was also exposed to First Priority® Sterile Lubricating Jelly at the same concentrations. In this treatment, semen motility dropped off immediately and continued to decline over time and membrane viability decreased and became worse at the higher concentrations.

Based on both the sperm motility and membrane viability results obtained in this study, First Priority® Sterile Lubricating Jelly expresses spermatotoxic effects, while CLARITY® Non-Spermicidal A.I. Lubricating Jelly lubricant does not.

The study is being repeated using long-term extenders with and without BSA (bovine serum albumin).

FIGURE 1:

Total sperm motility in short-term extender following exposure to lubricant over increasing time

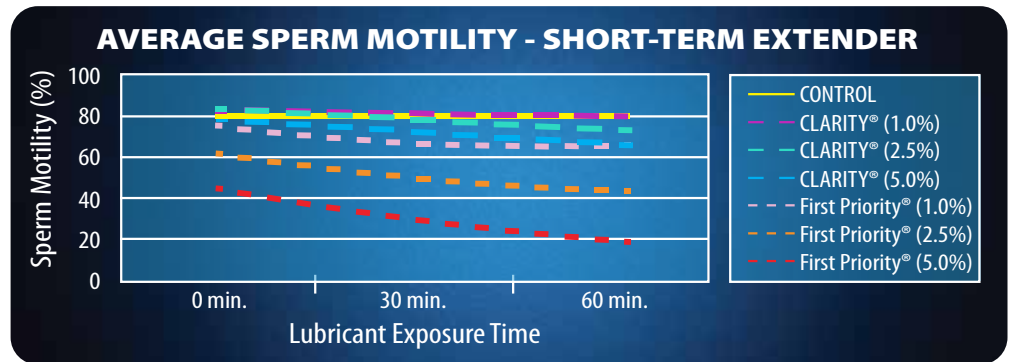


FIGURE 2:

Total sperm motility in long-term (non-BSA) extender following exposure to lubricant over increasing time

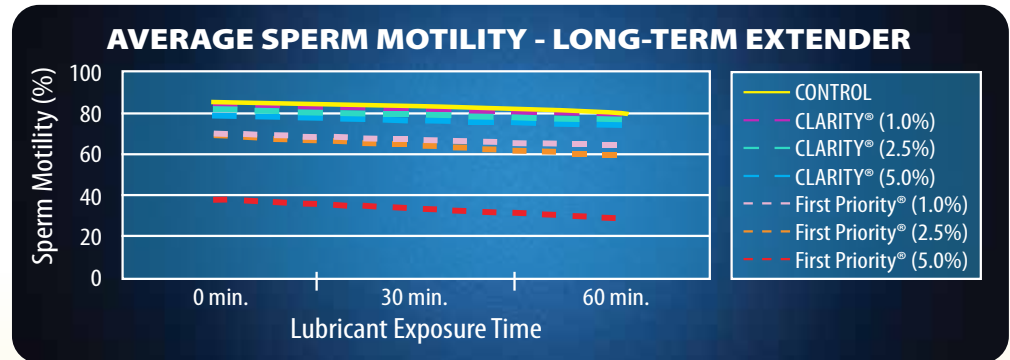


FIGURE 3:

Sperm VIA (viable with intact acrosomes) in short-term extender

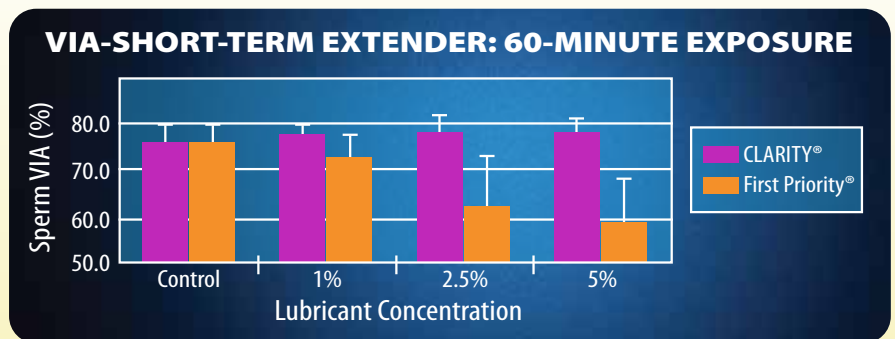


FIGURE 4:

Sperm VIA (viable with intact acrosomes) in long-term extender after 60-minute lubricant exposure

