

ZYMÖT™ DATA SPOTLIGHT: IMPROVING OUTCOMES

Understanding the latest science in the ZyMöt revolution

Increasing Fertilization and Euploidy Rates

ZyMöt™ Sperm Separation Devices have been designed and developed to aid reproductive medicine professionals in the selection of the healthiest and best performing sperm for use in assisted reproductive technology (ART) procedures. ZyMöt devices enable the separation of sperm with the lowest possible levels of DNA fragmentation and oxidative stress. Improved sperm health means better clinical outcomes.

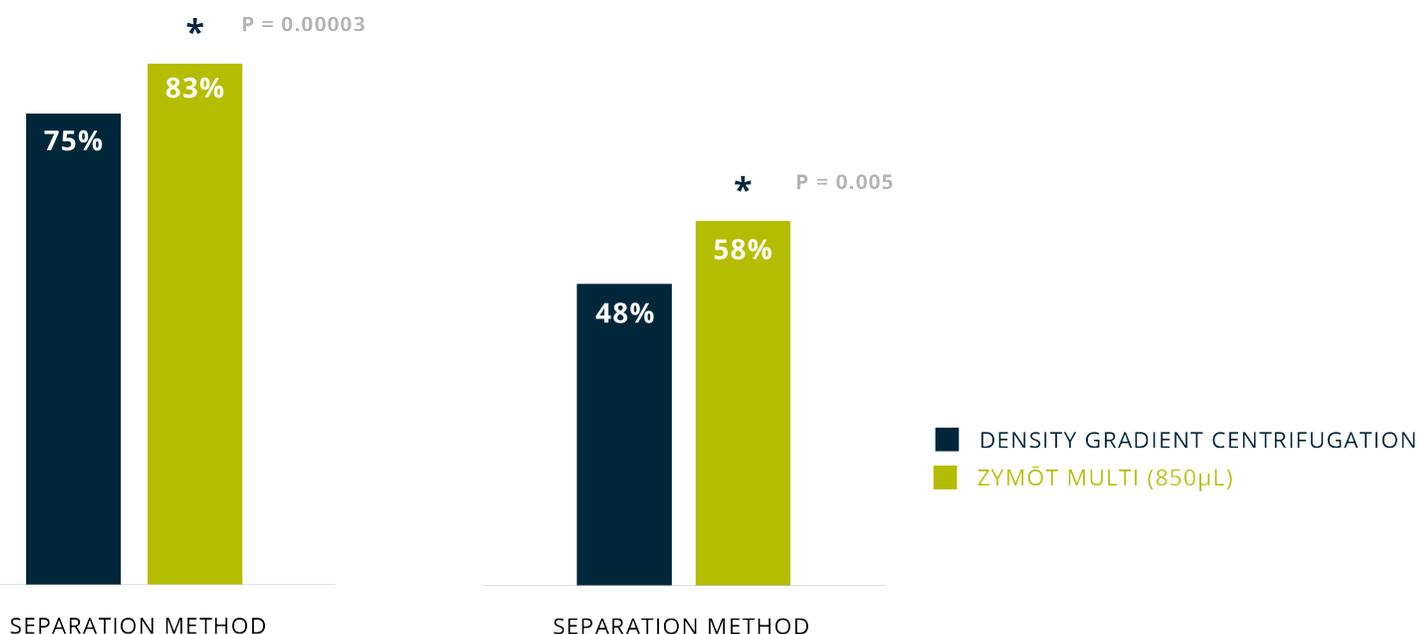
Results: In a study of over 3600 oocytes at The Fertility & IVF Center of Miami, the center observed a significant increase in fertilization rates, from 75% using their traditional sperm preparation methods to 83%

when using ZyMöt devices, an 11% increase ($P=0.05$) over the baseline rate (below, left). Following the biopsy of over 1300 embryos, traditional methods yielded a 48% euploidy rate, which improved significantly to 58% when using ZyMöt devices, an increase of 21% ($P<0.05$) over baseline (below, right).

Conclusion: The ZyMöt Multi (850 μ L) Sperm Separation Device resulted in significantly improved fertilization and euploidy rates. ZyMöt devices offer a competitive advantage to lab workflow and patient outcomes.

FERTILIZATION RATE

EUPLOIDY RATE



At The Fertility & IVF Center of Miami, using the ZyMöt Multi (850 μ L) Sperm Separation Device resulted in an 11% increase over the baseline fertilization rate (left) and a 21% increase over the baseline euploidy rate (right).

Improving Efficiency and Outcomes

ZyMöt devices are simple to use, helping labs quickly achieve optimal performance. With only 5 minutes of total hands-on tech time per sample, every ZyMöt-processed specimen represents a significant time savings over traditional, centrifugation-based methods. In addition to increased efficiency, ZyMöt devices deliver improved sperm performance to achieve the best possible outcomes in IUI and ICSI procedures.

Learn more at zymotfertility.com.