

# ZYMÖT™ DATA SPOTLIGHT: MOTILITY & MORPHOLOGY

Understanding the latest science in the ZyMöt revolution

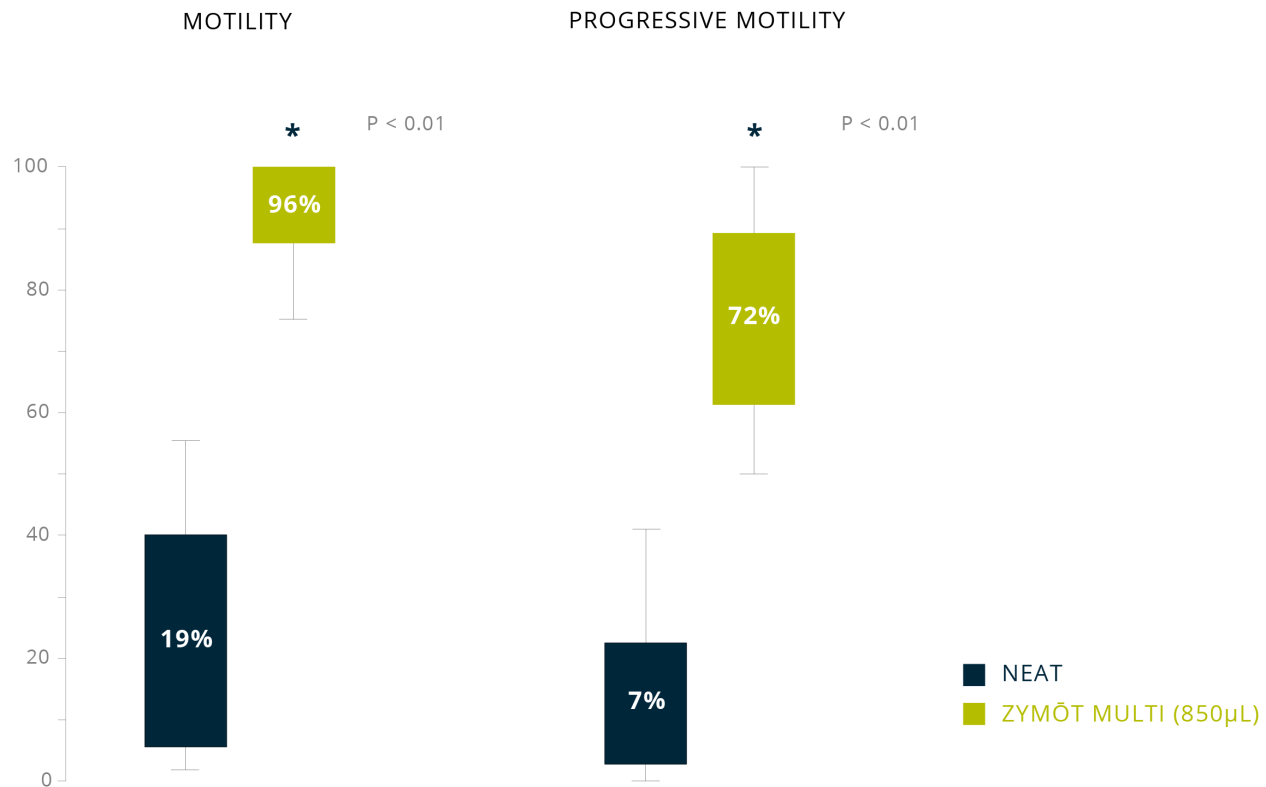
## Delivering Superior Motility and Morphology

ZyMöt™ Sperm Separation Devices were 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 enables the separation of sperm with the lowest possible levels of DNA fragmentation and oxidative stress, while increasing fertilization and euploidy rates. Processing with ZyMöt has also been shown to increase the proportion of sperm with normal morphology. Improved sperm health means better clinical outcomes.

In an internal study of sperm health, ZyMöt Multi Sperm Separation Devices (850µL) was evaluated in a heterogeneous population of more than two dozen samples.

**Results:** Median motility increased significantly ( $P < 0.01$ ) after processing with ZyMöt devices (below, left). Similarly, progressive motility showed a significant increase ( $P < 0.01$ ) after processing (below, right). ZyMöt processing also improved the proportion of sperm with normal morphology.

**Conclusion:** Using ZyMöt devices shows statistically significant improvements in sperm motility and progression, enriching a sample for improved sperm performance.



In an internal study of a heterogeneous population of more than two dozen samples, ZyMöt devices were shown to significantly increase motility (left), and progressive motility (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](http://zymotfertility.com).