

CASE REPORT:

THE FIRST PREGNANCY OBTAINED IN MIDDLE EAST USING **STALLION SEMEN STORED AT 17 °C DURING 6 DAYS**



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INTRODUCTION

The equine industry is in part fostered by the stallions' semen doses trading who stand out in competitions or due their offspring value. An alternative to minimize the ejaculate's partial disposal, reduce the semen collection frequency, and minimize the ovulations missed due to lack of semen doses has been searched in equine breeding management for many decades. The current commercial extenders allow the semen doses to be stored at 5°C on average for only up to 72 hours post-collection. Moreover, semen survival may vary according to the dilution rate, the extender characteristics used, and the stallion's semen individual preference to the formulas. Stallions with physical, behavioral, and logistical issues do not allow frequent ejaculate collections or reach acceptable semen cooling or freezing. Several of these stallions do not allow the semen to be stored for 72 hours, or sometimes less, while waiting for new inseminations' demands, leading the remaining semen to be discarded. Therefore, the new extender **Beyond[®]** (Minitüb GmbH, Tiefenbach, Germany) proposes refrigeration of doses up to 14 days at 17°C, keeping its quality.





MATERIALS & METHODS





CONCLUSION

Herein we report the first pregnancy obtained after using a semen dose of a known "bad cooler" stallion semen diluted with a new extender (**Beyond**[®]) and stored at 17°C for 6 days in the Middle East.

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