



### What's in This Newsletter

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## Embryo Transfer for Sport Mares: A Smart Breeding Solution



If you have a performance mare that you wish to breed without interrupting her career, embryo transfer is a viable option. Palm Beach Equine Clinic (PBEC) in Wellington, FL, offers an extensive range of assisted and advanced reproductive procedures, including embryo transfer. With spring fast approaching, now is the time to plan.

PBEC President Dr. Scott Swerdlin highlights the advantages of the embryo transfer process, which has been utilized since the 1970s. This method is especially beneficial for sport horse mares that cannot afford to take time off for pregnancy. By using embryo transfer, you can continue riding your best mare while simultaneously breeding for your future champions.

*PBEC Equine Reproductive Specialist Dr. Justin McNaughten during an embryo flush procedure.*

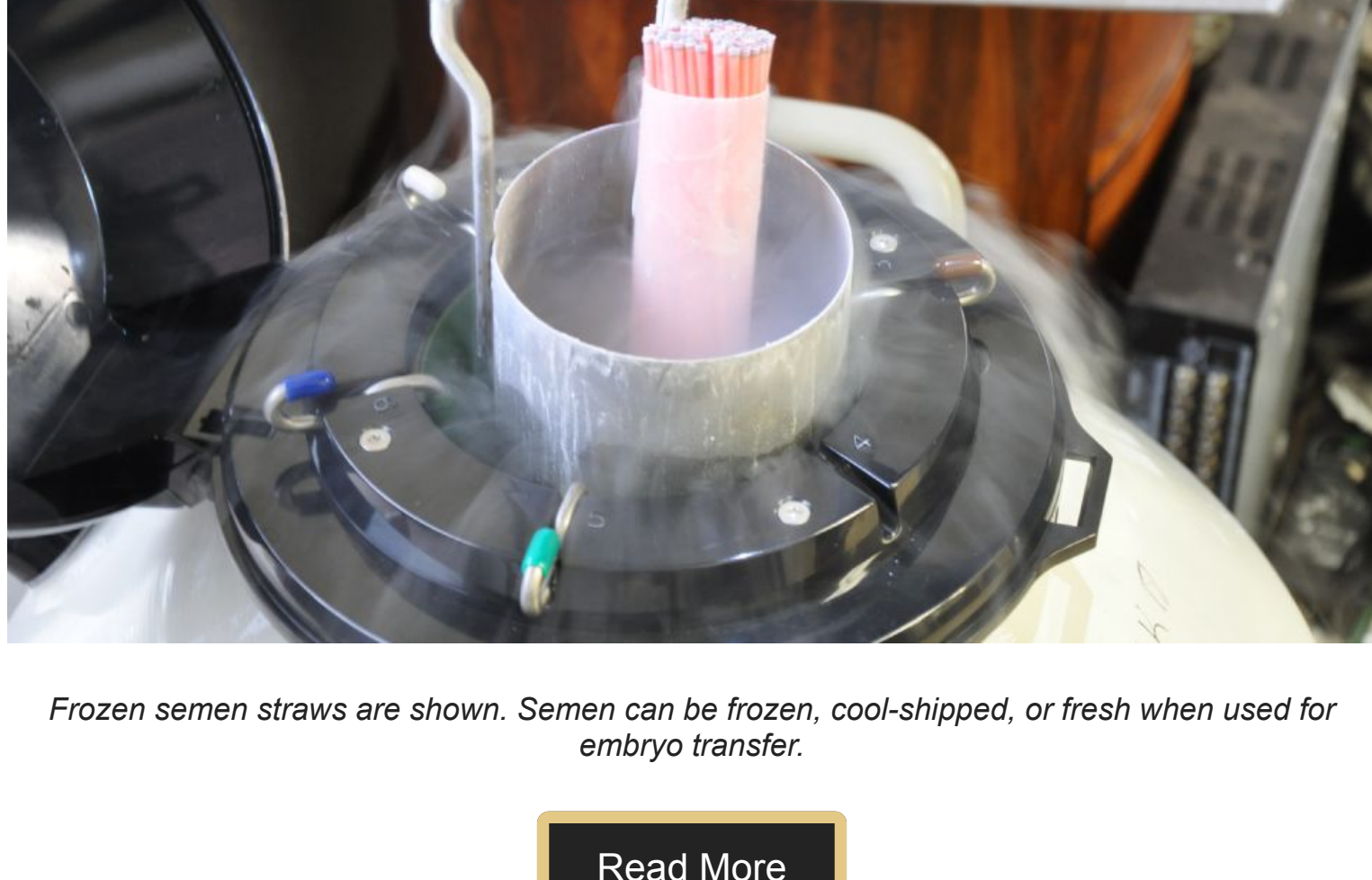
Additionally, embryo transfer is a viable option for mares with high genetic merit who cannot carry a foal. Some mares may have orthopedic issues that would be exacerbated by the extra weight of pregnancy, while others may have significant reproductive challenges, such as chronic uterine infections or a fibrotic uterus, which hinder their ability to conceive or support a developing pregnancy.

The first step in the embryo transfer process is embryo production. For this article, we are focusing on traditional *in vivo* embryo production vs *in vitro* embryo production. *In vivo* embryo production requires the donor mare to be bred, conceive, and produce an embryo that can then be transferred to a recipient mare. This necessitates the mare being off any hormones like Regumate® (altrenogest) or long-acting progesterone as they suppress the mare's estrus cycle.



*A microscopic view taken during an embryo flush.*

Strategic breeding management is essential to minimize disruptions to a mare's training and competition schedule. This may include hormonal manipulation of the mare's reproductive cycle, a series of reproductive examinations performed using transrectal palpation and ultrasound, a uterine culture and cytology, and breeding the mare by artificial insemination or via natural cover. It is also crucial to document the day and time of ovulation. Whether using fresh, cool-shipped, or frozen-thawed semen, the day and time of ovulation need to be documented to plan for the second and third steps of the process: embryo flush and transfer.



*Frozen semen straws are shown. Semen can be frozen, cool-shipped, or fresh when used for embryo transfer.*

Read More

Embryo transfer provides an effective and practical solution for sport horse owners and breeders. As the demand for top sport horses increases, it continues to be a valuable tool for those looking to breed that special mare.

For more information on embryo transfer and other reproductive services offered at PBEC, visit [www.equineclinic.com](http://www.equineclinic.com) or call 561-793-1599.

## Foal Me Once: A Guide to the Foaling Mare

A PBEC Client Educational Event

Whether you're patiently expecting the arrival of your foal or you're just as passionate about breeding as we are, join us for an informative evening hosted by PBEC's Equine Reproductive Specialist, Dr. Justin McNaughten. The presentation "Foal Me Once: A Guide to the Foaling Mare" will provide valuable insights covering prenatal care, recognizing normal and abnormal, foaling, and post foaling care followed by a question-and-answer session. Light refreshments will be provided.

Join Dr. McNaughten BVMS, DACT, on April 3, 2025, from 6:00-7:30 p.m. in the Conference Room at Palm Beach Equine Clinic, located at 13125 Southfields Road off Pierson, just minutes from WEF, AGDF, and NPC! Seating will be limited, so please reserve your spot by contacting [Reproductionemail@equineclinic.com](mailto:Reproductionemail@equineclinic.com).

**PBEC CLIENT EDUCATIONAL EVENT**

# FOAL ME ONCE

**A GUIDE TO THE FOALING MARE**

**Presented by PBEC's Reproductive Specialist  
Dr. Justin McNaughten**

IS YOUR MARE READY TO FOAL?

Light Refreshments  
& Giveaways!!!

Kindly sponsored by  
**zoetis**

April 3<sup>rd</sup> from 6:00 – 7:30 pm

At Palm Beach Equine Clinic

RSVP at [Reproductionemail@equineclinic.com](mailto:Reproductionemail@equineclinic.com)

## Final Wellington Winners



*The winner of in the CDIYH FEI for Seven Year Olds was Jumarhji 23, a Oldenburg gelding by Just Wimphof x Totilas owned by Hof Kasselman and ridden by Evelyn Eger (GER). She was presented the award by Dr. Selina Passante representing Palm Beach Equine Clinic, who sponsored the division during AGDF 12. They won the Preliminary test with a score of 71.007% and the Final test on 72.815%. Photo by [SusanJStickle.com](http://SusanJStickle.com)*

*With a personal best score of 83.800%, Hope Cooper and O Romeo S, a KWPN stallion by Charmeur x UB 40 owned by Tammy Richard, won the CDIYH FEI Preliminary Test for Six Year Olds during AGDF 10 CDI5\*. In the Final Test presented by Palm Beach Equine Clinic, they scored 83.200% and were presented as the winners by Dr. Katie Spokes. Photo by [SusanJStickle.com](http://SusanJStickle.com)*



*Alice Tarjan was the champion of the inaugural Palm Beach Equine Clinic Young Horse Future Challenge riding her own Orado, a six-year-old stallion by Desperado x Johnson in the FEI 6-Year-Old Final Test, which was presented by Dr. Richard Wheeler of PBEC. Tarjan was the last athlete to qualify for the final, having earned her spot during AGDF 10. Photo by [SusanJStickle.com](http://SusanJStickle.com)*

## Palm Beach Equine Clinic: Make Us a Part of Your Team



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