





Advancing Equine Reproduction: How ICSI Is

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Transforming Sport Horse Breeding With modern veterinary technology, there are several ways to breed your treasured mare should she have trouble getting pregnant or carrying a foal.

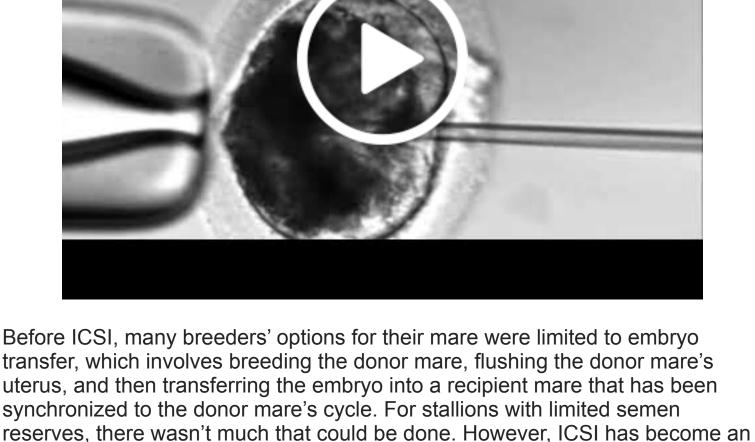
Advancing Equine Reproduction: How ICSI Is

Intracytoplasmic sperm injection, or ICSI, an alternative to traditional embryo transfer is becoming a popular option for the sport horse mare. According to Dr. Justin McNaughten BVMS, DACT, the equine reproductive specialist at Palm Beach Equine Clinic (PBEC) in Wellington, FL, the ICSI procedure was originally developed to help overcome subfertility in mares and

gained popularity amongst breeders for mare and stallion owners alike.

stallions. The first ICSI foal was born in 1996, and since then the procedure has

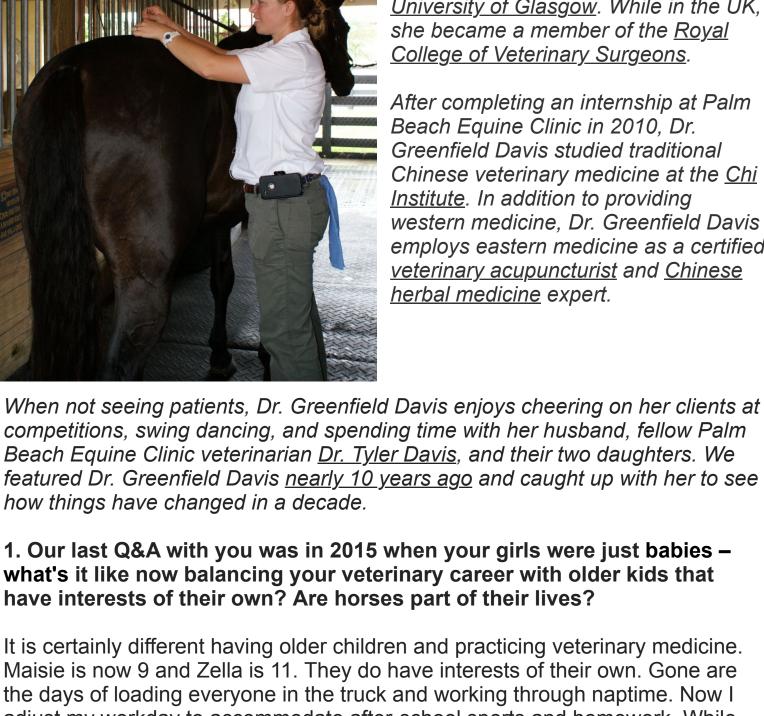
ICSI procedure with the mature egg being injected with a single sperm cell



invaluable tool for preserving sperm from deceased stallions or stallions with limited semen availability as the procedure uses less sperm to fertilize an egg. A significant advantage of ICSI for sport horse mares, compared to traditional embryo transfer, is that the procedure can be performed at any stage of the estrous cycle, regardless of the natural breeding season. This flexibility allows mares to concentrate on their competition schedules and minimizes disruptions to their training or show commitments.



Palm Beach Equine Clinic is here to help you achieve your breeding goals. Our veterinarians specialize in breeding and reproduction and utilize the latest technology to ensure a seamless experience for both you and your mare. Contact us today at 561-793-1599 to schedule an appointment or to learn more. Read More at The Plaid Horse Catching Up With Dr. Janet Greenfield Davis



Saturday afternoon.

ingredient but it is not mine to divulge.

College of Veterinary Surgeons. After completing an internship at Palm Beach Equine Clinic in 2010, Dr. Greenfield Davis studied traditional Chinese veterinary medicine at the Chi Institute. In addition to providing western medicine, Dr. Greenfield Davis employs eastern medicine as a certified <u>veterinary acupuncturist</u> and <u>Chinese</u> <u>herbal medicine</u> expert.

Originally from northern California, Dr.

competing on the hunter circuit, which

undergraduate degree at California

she became a member of the Royal

veterinary medicine. She completed her

Polytechnic State University and went on to complete veterinary school at the University of Glasgow. While in the UK,

Janet Greenfield Davis grew up

sparked her interest in equine

what's it like now balancing your veterinary career with older kids that have interests of their own? Are horses part of their lives? It is certainly different having older children and practicing veterinary medicine. Maisie is now 9 and Zella is 11. They do have interests of their own. Gone are the days of loading everyone in the truck and working through naptime. Now I adjust my workday to accommodate after-school sports and homework. While they sometimes enjoy riding around with me on calls they would prefer to do something else. I try much harder to take my weekends off to spend time with

them. I feel like these are the years they will remember the most, and I don't want those memories to be of their iPads. Instead, it can be of their parents prying their iPads from their little fingers to go clean the turtle tank on a bright

The girls did attempt riding for a while, but it didn't stick. Their horse time is

preferably spent at the clinic where they can watch all their favorite vets perform procedures and then have Dr. Swerdlin make them hot cocoa. There is a secret

2. Is acupuncture still a big part of your practice? How do you see it

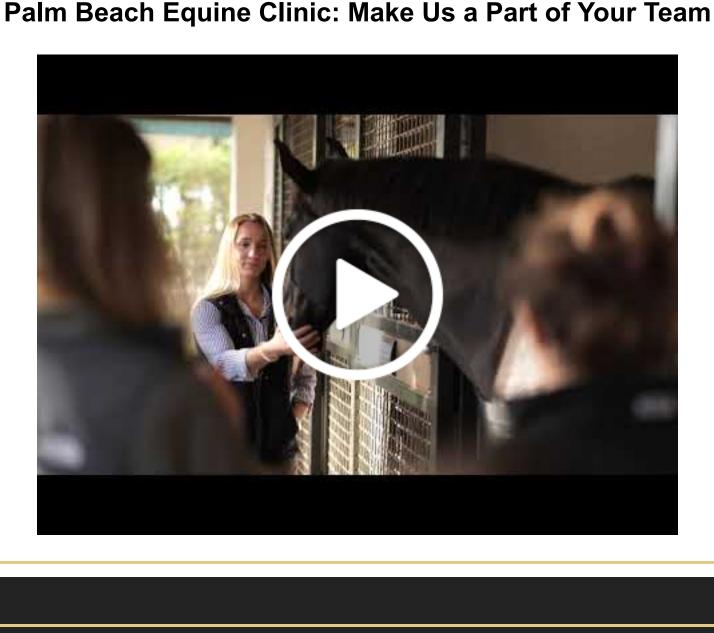
nervous horses, lameness, and so much more. I also work in Equine

helping horses in day-to-day management?

Rehabilitation to help strengthen training practices and improve agility. Read More

It is! My acupuncture practice encompasses about 80% of what I do. We use

acupuncture for pain relief and management, post-surgical rehabilitation, vices,



CLINIC SERVICES

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