



Intracytoplasmic Sperm Injection (ICSI) & Oocyte Transfer (OPU)

Following the success of ICSI & OPU research, Twemlows Stud will be offering OPU as a service for the 2017 stud season.

For several years we have been working closely with Niamh Lewis MRCVS and University of Liverpool to produce foals using advanced breeding techniques; **Ovum Pick-Up (OPU) and Intracytoplasmic Sperm Injection (ICSI).**

These techniques allow owners and breeders to salvage valuable genetics via ovary removal, egg retrieval and embryo culture (equivalent to human IVF). Our third foal (pictured) arrived at the end of the 2016 season, with our fourth foal due March 2017.

Please contact us for further information about these reproductive techniques.



Monica Morganti (Resident Stud Vet), Edward Matson, & Nikee Hudson (Stud Manager), with Twemlows Harmony and his surrogate mother

Tinka's Serenade Retires to Stud

After gaining 21 top-five placings in five-star Grand Prix and World Cup qualifiers, Tinka's Serenade came to Twemlows having won our Show Jumping Embryo Transfer Scholarship in 2012.

The scholarship, awarded to the highest placed British Bred mare in the Show Jumping rankings, resulted in the transfer of an embryo to a recipient mare who produced a colt foal the following year.

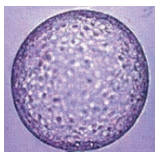
This year Tinka's Serenade's owner, Sue Davies and her daughter, Janette Chinn, sent the mare to Twemlows for further embryos. From 3 flushes we were able to obtain 4 embryos, 2 by Big Star and 2 by Dallas.



Pictured: Sue Davies holding Tinka's Serenade (middle right) and Janette Chinn (middle left) from Pewit Stud with Edward, and 3 of Tinka's recipient mares.

Transported Embryo Service

An ideal choice if you want to breed your mare, but prefer to keep her close to home, our Transported Embryo Service is becoming more popular throughout the UK.



Staff Profile: Megan McKee

Born in Belfast, Megan began her working career teaching riding before becoming involved in the thoroughbred industry preparing foals and yearlings for sales. She then completed an HND in Equine and spent some time teaching in Dubai.

On her return to the UK Megan joined the team at Twemlows in the Spring of 2014 staying for the stud season. She returned in Spring 2015 helping with foaling mares and new born foal care, as well as other stud work.



This year Megan took charge of the night duties in the foaling unit and has overseen the majority of nearly 80 foalings and one adoption. Her dedication to all the foals in her care has been tremendous. In her free time Megan enjoys teaching and riding at the local riding club.

HIGHLIGHTS

The stud has seen an increase in mare numbers this year, especially donor mares and transported embryos for our Embryo Transfer service. Monica, our resident stud vet, has had high conception rates and our recipient herd is now over 130 mares. Our foaling unit has also seen an increase in numbers with nearly 80 foalings.

Thank you to all who supported our Open Day in April. We raised a total of £4,000 for the British Horse Foundation through our silent auction and donations.



Edward presents the cheque to Vin Jones & Jan Rogers of the BHF

Open Day 2017:
Saturday 22nd April

Our 2016 Burghley ET Scholarship was awarded to Trisha Rickards's mare, **Classic Moet**. Ridden by Jonelle Price, Classic Moet was the highest scoring mare at Burghley for the second year in a row.

We will be hosting **stud book gradings** for a variety of breed societies in 2017. We currently have booked in the Sport Horse Breeding of Great Britain, Oldenburg and Hanoverian societies. Please contact us for further information and dates.

Stallion AI Services will be moving in to their new state of the art premises in January 2017. This will be the largest bespoke stallion freezing facility in Europe and will allow stallions to continue training alongside stud commitments.

2017 COURSES

AI TECHNICIAN TRAINING

DEFRA APPROVED



- Reproductive Anatomy
- Preparation of the mare
- Artificial Insemination
- Care of the mare before & after insemination
- Fresh, Chilled and Frozen Semen Handling
- Record Keeping
- Semen Packaging

24th & 23rd February | 7th & 8th March

FOALING THE MARE

- Preparation for Safe Foaling
- Normal Foaling
- Inducing the Mare
- Recognising Problems Early
- Complications
- New Born Foal Examination
- Examination of the Placenta
- The Orphan Foal & Adoption



18th March

PRACTICAL ULTRASONOGRAPHY

A one day course designed for veterinarians and new graduates wishing to gain experience in scanning mares for breeding purposes.



16th, 23rd & 30th March

FOAL & YEARLING MANAGEMENT

- Worming & Vaccinations
- Common Diseases
- Foal Handling
- Foot Care
- Examination of a Foal
- Weaning, Nutrition & OCD



18th March



STUD OPEN DAY

Saturday 22nd April



- SILENT AUCTIONS • STALLION SHOW •
- TRADE STANDS • DEMONSTRATIONS •



STALLION AI SERVICES

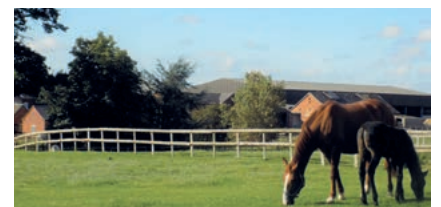
STALLION AI SERVICES LTD

Fresh, Chilled & Frozen Semen Collections
Semen Assessment
Semen Storage & Distribution
Equipment Sales

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FOR MORE INFORMATION OR TO BOOK ONTO OUR COURSES PLEASE EMAIL [LIZWILKINSON@TWEMLOWS.CO.UK](mailto:lizwilkinson@twemlows.co.uk)



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