



Laboratory Services



The hospital is equipped with a laboratory that operates 7 days a week. A full range of samples can be processed from routine IgG foal bloods to samples from septic joints. This allows us to rapidly and appropriately treat sick mares and foals without having to wait for sample results. The lab is HBLB accredited and as such can process the CEM samples required prior to natural mating. Endometrial smears can also be evaluated from mares due to be mated.

Stallion Management



Semen collection can be arranged from your stallion for shipping throughout the UK. Semen may also be collected and evaluated as part of an infertility work up, in conjunction with endoscopy and ultrasonography of the accessory sex glands and testicles.

Infertile Mare Management



Full diagnostic evaluations of sub fertile mares, including endometrial biopsy and hysteroscopy, can be performed to formulate the best protocol to obtain a pregnancy.

Boarding Mares

Mares can be boarded at one of several studs within the area covered by the practice. From these locations we manage mares for insemination with chilled or frozen semen. We can also manage mares for walk in natural covers and perform embryo transfers. Please contact the practice for details.

Out Of Hours Service

There is a separate **out of hours** duty rota involving the three stud vets allowing us to provide a rapid response to foaling mares and sick foals. Mobile numbers of the stud vets are readily available for advice any time, day or night.



Foaling Mares

Mares that are fully vaccinated for equine herpes virus (EHV) can be foaled at Lavington Stud, near Petworth. There are excellent facilities and Paula Broadhurst currently resides on the stud. Foaling mares can also be accommodated at other stud locations within our practice area.

Management of In-Foal Mares

A health program is available to guide mare owners in the management of in-foal mares. This includes advice on aspects such as nutrition, worming and vaccination programs.



The Arundel Equine Hospital

Reproductive Services



The Arundel Equine Hospital LLP
Tortington Lane, Arundel, West Sussex, BN18 0BG

01903 883050
www.arundelhorsevets.co.uk

Caring for and about horses



The Practice

Based just outside the town of Arundel in West Sussex, 14 dedicated equine veterinary surgeons provide the full range of veterinary services. Onsite vets and nurses allow for 24 hour care of hospitalised patients. The Tier 3 RCVS Approved Hospital is equipped with the latest digital x-ray and ultrasound equipment and can carry out bone scan examinations. A full range of surgical procedures can be performed including colics and caesarean sections. An onsite lab, run by a specialist veterinarian, can process samples 7 days a week.

The vets on the road cover a large area including West Sussex, East Sussex and Surrey. They are backed up by mobile diagnostic equipment including digital x-ray, ultrasound and endoscopy. Many procedures can now be carried out at yards.

The Stud Vet Team



Ed Lyall was born in North Yorkshire, he grew up on an Equestrian centre. From a young age he was exposed to most aspects of the equine

competition horse world and became interested in stud medicine as his parents stood stallions at stud. He has ridden since he was a small child.

He graduated from the Royal Veterinary College, London University in 1994 and was then awarded a scholarship to stay and continue his studies working in the equine hospital at Potters Bar.

Ed joined the team at Arundel in 1995 and became a partner in 2002. He attained his Certificate in Equine Stud Medicine in 2000 and is now the RCVS chief examiner for this subject.

Stud medicine, in particular artificial insemination, with both chilled and frozen semen as well as embryo transfer, are his main interests during the summer. A lot of Ed's time is taken up with all aspects of sport horse management and he works closely with riders to enhance the performance of their equine athletes. He is a treating vet at Hickstead and the South of England Show.

Paula Broadhurst graduated from Murdoch



University, Western Australia in 1997, and then worked in a first opinion and referral practice in Victoria dealing with racing, performance and pleasure horses. She then returned to Western

Australia where she was primarily working with performance and pleasure horses.

Paula joined the Arundel Equine Hospital in February 2005. Her particular areas of interest are Equine reproduction, stud medicine and performance horse medicine and lameness. In 2007 Paula gained her Certificate in Equine Stud Medicine.



Philippa Hayes qualified from Liverpool University in 2001. After a year in mixed practice, she joined Bell Equine Veterinary Clinic in Kent, where she worked as a hospital intern for a year, involved mainly in anaesthesia and in-patient care. In 2003, she became an ambulatory assistant for the practice and in 2005 she gained the RCVS certificate in Equine Internal Medicine.

In 2006, she moved to Scone Veterinary Hospital in the Hunter Valley, Australia, where she was the resident veterinarian at a large Thoroughbred stud for two breeding seasons. This allowed her to develop her interest in equine reproduction and foal medicine.

Philippa joined Arundel Equine Hospital in 2008 and is primarily involved in stud work. She is currently enrolled for the RCVS certificate in Equine Stud Medicine.

Services Provided

Natural Cover

Visits to private yards and studs allow mares to be managed by our vets at home for **natural service** as well as Artificial Insemination.

Routine pre-breeding **CEM** samples can be processed in our practice lab. All work required to identify the appropriate time to cover a mare, post service management and pregnancy scans can be carried out in order that she can be "**walked in**" for covering by the stallion but be kept at home.

Routine visits to stallion studs allow our vets to assist in optimising stallion fertility and overall reproductive efficiency.

Artificial Insemination

Chilled Semen can be used from stallions based anywhere in the UK and Europe and even as far a field as the USA. This gives you a massive choice of genes to use on your mare. The thorough routines that we have developed for managing the mare allow us to achieve excellent fertility rates.

Using the most up to date deep intrauterine and hysteroscopic insemination techniques, combined with simple fixed time protocols we achieve excellent fertility rates with **frozen semen** (94% in 2007). This is usually carried out at one of our local studs or at the hospital, just outside Arundel. In special circumstances insemination with frozen semen can be performed at home.

Ordering and shipping semen is kept simple by using agents such as Elite Stallions. The agent deals with the import regulations and handles the transport arrangements on your behalf.



Elite Stallions
www.elitestallions.co.uk

For information on the service we offer, or advice on selecting a suitable stallion for your mare, please contact Lisa Niemy on
01372 451617 or email **info@elitestallions.co.uk**



Care of Newborn Foals

Foals are routinely examined in the first 24 hours of life and samples can be taken to measure IgG antibody levels in our lab. Our emphasis is on prevention of neonatal problems. The hospital is equipped to provide intensive care for sick newborn foals.



Surgical Facilities



Caesarean sections can be performed in our operating theatre, as can assisted problem deliveries. Perineal surgery

can also be undertaken to repair injuries caused by foaling and also to improve conformation to enhance fertility in problem mares. All neonatal procedures such as septic joints and umbilical abscesses can be dealt with.



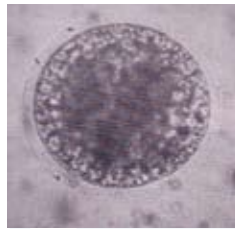
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Embryo Transfer

Embryo transfer allows successful competition mares to remain in work and produce offspring whilst still competing. We can inseminate the



mare at home. The embryo is then flushed at 7 or 8 days after ovulation at one of the studs in the practice area. The embryo may then either be transferred

into a local recipient or shipped on the same day for transfer into a synchronised recipient at Twemlows Hall Stud. The aim is to minimise the disruption in the mares training. Contact the practice to discuss these options.