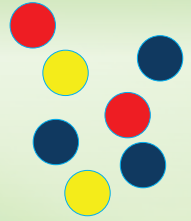




Embryonics

leaders in training

Established training since 1992



Veterinary CPD

01606 854411

courses@embryonicsltd.co.uk

www.embryonicsltd.co.uk

 @embryonicsltd

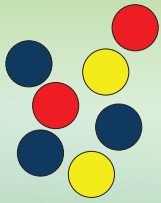
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RoMS

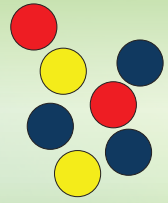


The National Association
of Cattle Foot Trimmers



Embryonics

leaders in training



Embryonics is a well-established and highly experienced UK vet training provider, specialising in practical large animal (LA) CPD.

Our courses have a highly practical content aiming to provide you with confidence in practical skills that can be taken back to your vet practice.

We run regular courses at our bespoke training farm in Cheshire.



TUTORS

All of our instructors are recognised experts in their field. They have a wealth of practical knowledge which they draw on to deliver practical tips you can use back home.



EMBRYONICS AIM

Attending veterinarians will either enhance or learn a new practical skill for use back in practice.



IN HOUSE COURSES

Embryonics can come to your practice and deliver training. This convenient and time saving option allows training specific to your needs.



DISCOUNT ON MULTIPLE COURSE BOOKINGS

Please ring the office on 01606 854411 for more details.

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BULL BREEDING SOUNDNESS EXAMINATION

7 CPD HOURS

This intensive workshop provides a comprehensive understanding of male bovine reproductive health.

WHY ATTEND?

On many farms the stock bull is often presumed to be fertile. However, experience shows that a significant number of bulls are sub-fertile or infertile which is costing your clients time and money. Master the skills to identify a sub-fertile or infertile bull to avoid significant economic losses in dairy and beef herds. Which in turn helps to promote Genetic Progression.

COURSE FOCUS

This hands-on one day workshop provides in-depth training covering:

- Bull anatomy, physiology & Endocrinology
- Physical examination techniques
- Level 1 - History, Physical, Repro Exam
- Level 2 - Semen Analysis
- Level 3 - Libido/Serving Ability
- Semen collection by electro ejaculation & evaluation
- Maximising bull fertility



OBSTETRICAL EMERGENCIES IN CATTLE

7 CPD HOURS

Ideal for Experienced bovine practitioners, this course equips you with the knowledge and skills to diagnose and manage calving emergencies.

WHY ATTEND?

This practical based one day workshop is designed to enhance the knowledge and skill needed to deal with one of the commonest emergencies encountered in LA work 'Obstetrical Emergencies'. You'll learn effective intervention techniques to be able to diagnose and effectively handle obstetric and other common emergency procedures in cattle.

COURSE FOCUS

The workshop is designed to help you to be able to deliver the calf with confidence and success:

- Diagnosing dystocia
- Malpresentation
- Uterine torsion
- Prolapse
- Effective intervention techniques for cow & calf health
- Caesarean Section
- Uterine Trauma / Bleeding

SURGICAL INTERVENTIONS FOR ADVANCED LAMENESS

7 CPD HOURS

Conquering Complex Bovine Lameness

This one day course, led by experienced professionals, equips cattle veterinarians with the knowledge and practical skills to tackle challenging lameness cases.

WHY ATTEND?

Lameness is a significant concern in cattle, impacting animal welfare and farm productivity. Mastering surgical techniques for advanced lameness cases allows you to offer valuable solutions to farmers. This course goes beyond prevention, focusing on practical skills for effectively managing complex lameness scenarios.

COURSE FOCUS

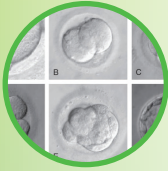
This hands-on workshop provides in-depth training on a range of surgical procedures and treatment options.

- **Regional Anaesthesia of the Digit:** Master techniques for safe and effective pain management during procedures
- **Digit Amputation:** Learn 3 different amputation methods, the advantages, disadvantages, case selection, aftercare protocols, and optimising outcomes
- **Alternatives to Amputation:** Explore various options like curettage, joint fenestration, radical resection, and retroarticular abscess lavage for appropriate cases
- **Interdigital Growth Removal:** Gain the knowledge and skills for effectively removing interdigital growths
- **Addressing Hoof Issues:** Learn to manage toe ulcers, necrosis, non-healing sole ulcers, white line lesions, and digital dermatitis with the latest best practices

ADDITIONAL SKILLS DEVELOPMENT

- **Equipment Expertise:** Gain insights into the best tools for the job, including knife grinding options
- **Block Technology Update:** Stay current on advancements in block technology for effective regional anaesthesia
- **Cutting Disc Knowledge:** Explore different cutting disc types and their specific uses
- **Hoof Trimming Evaluation:** Develop skills for appraising hoof trimming techniques and refreshing your understanding of the 5 Step Dutch Method
- **Knife Skills Practice:** Refine your knife skills through practical exercises.





EMBRYO TRANSFER

14 CPD HOURS

Expand your service offerings by learning the essential techniques of embryo implantation in cows.

WHY ATTEND?

The driving force behind this two day course is the increased commercial availability of the one-step-thaw bovine embryos. These can be transferred to cows relatively quickly and without the need for expensive specialised equipment. This gives practicing bovine vets the opportunity to transfer embryos during everyday routine work. Advantages include transferring commercial embryos into problem-breeder dairy cows to get them in calf and the transfer of pedigree embryos.

COURSE FOCUS

This hands-on practical workshop provides you with the skills necessary to transfer embryos confidently.

- Recipient management
- Embryo storage and handling
- The embryo transfer procedure itself
- Epidurals and implanting
- Legislation and records
- You'll have the opportunity to observe demonstrations and practice on live cows under expert supervision



EMBRYO FLUSHING

21 CPD HOURS

Master the art of embryo collection, selection, and freezing with this comprehensive course.

WHY ATTEND?

The course aims at those wishing to learn how to collect, select and freeze bovine embryos. An additional service more of your bovine clients are looking for.

COURSE FOCUS

Covers selection and preparation, collection (using 2 way flush system)

- Donor animal selection criteria
- Embryo collection techniques
- Handling and freezing protocols
- Storage best practices
- You'll also gain experience with paperwork, regulations, and flushing super-ovulated cows using specialised equipment

Final day includes Embryo Classification & Manipulation.

EMBRYOLOGICAL CLASSIFICATION & MANIPULATION

7 CPD HOURS

Master the art of Embryo Classification & Manipulation, with this comprehensive course.

WHY ATTEND?

This one day course is aimed at veterinarians or technicians, giving them an insight into Embryology and the ability to assist with flushing cows. It occurs on the last day of our Flushing workshop where attendees will meet with veterinarians who have attended the collection course and are flushing super-ovulated cows on the day.

COURSE FOCUS

Covers the art of classifying embryos

- Searching, Harvesting and Grading of the bovine embryos
- Handling, freezing and storage of embryos



PRACTICAL EVALUATION OF RUMEN HEALTH

7 CPD HOURS

This one day course is designed for those wishing to improve skills and knowledge in dairy cow nutrition via on-farm practical assessments of diets and rumen health.

WHY ATTEND?

Ideal for vets with an interest in dairy cow nutrition who wish to improve their skills, knowledge and confidence in on-farm practical assessments of nutrition and rumen health.

COURSE FOCUS

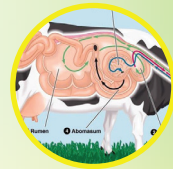
Covers practical techniques

- Rumen physiology
- Forage analysis reports
- Relevant cow signals scoring (rumen fill scores, faecal scoring)
- Using a forage particle separator (Penn State separator)
- How to provide a simple rumen health monitoring service to clients

The on-farm afternoon session will put theory into practice by visiting a dairy farm to conduct rumen-health monitoring, including TMR assessment, feeding practices assessment and rumen fluid analysis.

ADDITIONAL SKILLS DEVELOPMENT

- Practical forage and TMR analysis
- Rumen fluid sampling and analysis
- How to collect data, interpret and provide feedback on rumen health





BOVINE ULTRASONOGRAPHY COURSES

7 CPD HOURS

UNLOCKING THE POTENTIAL OF BOVINE ULTRASOUND.

Embryonics Ltd. offer a range of Bovine Ultrasound courses designed to empower veterinarians of all experience levels to unlock the full potential of this powerful diagnostic tool.

These courses can be delivered at your practice, offering you convenience and cost effectiveness

COURSE OPTIONS:

PRACTICAL BOVINE ULTRASONOGRAPHY

7 CPD HOURS

Ideal for veterinarians new to bovine ultrasound or seeking to refine their practical skills.

COURSE FOCUS

Gain a solid foundation in the fundamentals of bovine ultrasound and develop the confidence to utilise it effectively in your practice with this hands on farm practical course..

ATTRIBUTES OF BOVINE SCANNING

- Very accurate early pregnancy diagnosis
- Very accurate assessment of gestation stage
- Foetal gender determination
- Identification of twins
- Identification of embryonic problems
- Accurate identification of ovarian structure
- Identification of ovarian and uterine abnormalities
- Identification of endometritis

ADVANCED BOVINE ULTRASONOGRAPHY

7 CPD HOURS

Designed for experienced ultrasound users who want to elevate their image interpretation for accurate diagnoses.

COURSE FOCUS

Refine your image interpretation skills to confidently diagnose a wider range of normal and infertile conditions in cattle.

ATTRIBUTES OF BOVINE SCANNING

- In depth case based discussion
- Optimise treatment regimens depending on the ultrasound finding and history of the cow
- Treatment regimens for difficult cases such as the persistently cystic cow, repeat breeder and chronic endometritis cases
- Optimise outcomes for the problem cow
- Comprehensive library of Case based footage obtained from live cows
- Refresh your knowledge of pregnancy staging, twin diagnosis, insight on foetal sexing
- Footage of unusual and rare abnormalities

FOETAL SEX DETERMINATION

7 CPD HOURS

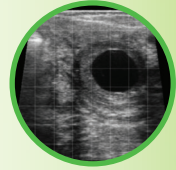
Master the skills for determining foetal sex during routine examinations, enhancing breeding decisions for farmers.

COURSE FOCUS

Prior knowledge of the sex of the foetus can influence breeding contracts, management planning, especially in the pedigree industry.

This course will equip you with the skills to:

- Determine the sex of a bovine foetus during the routine fertility visit
- Identification at different stages of gestation
- Benefits of confirming foetal sex
- Distinguish between same sex and freemartins
- Orientation of the probe for maximum accuracy
- Practical scanning session to determine foetal sex





PROFESSIONAL CATTLE FOOT TRIMMING

28 CPD HOURS

This comprehensive four day course combines lectures, practical exercises, and live cow trimming sessions.

WHY ATTEND?

This course is the route to becoming a Fully Licenced Category 1 Foot Trimmer. It will also give you the skills and confidence to talk knowledgeably with farmers and their hoof trimmers and give you the skill to rebalance a foot and deal with common lameness lesions.



COURSE FOCUS

You'll master all aspects of cattle foot care, including:

- Hoof anatomy
- 5 Step Dutch Method of trimming
- Identify diseases and lameness assessment
- Key anatomical and physiological principles
- Corrective procedures

Once completed you can further your knowledge and skills to become a Fully Licenced Category 1 Foot Trimmer by attending Check days and attaining the Dutch Diploma. For further information on this route please contact us.

ADVANCED PROCEDURES

7 CPD HOURS

This one day workshop is designed for those wishing to improve their practical skills in common procedures that can be performed on cattle.

WHY ATTEND?

Gain knowledge and improve your practical skills in common procedures that can be performed on cows and to understand the clinical benefits of all the techniques.

COURSE FOCUS

This hands on workshop provides comprehensive training covering

- Abdominocentesis
- Liver biopsy
- Ruminocentesis
- Bladder catheterisation
- Transfaunation
- Blood transfusion
- Bronchoalveolar lavage
- Acid based disturbances and fluid therapy
- Know what equipment is required for each technique and where to purchase them from



RoM's MOBILITY SCORING FOR COWS

7 CPD HOURS

Optimizing Herd Health Through Standardized Lameness Assessment.

WHY ATTEND?

This one day course equips you with the skills and knowledge to implement the RoMS Mobility Scoring system, a valuable tool for monitoring herd lameness and improving cow well-being.

COURSE FOCUS

You will be able to evaluate the level of lameness and the progress made on farm to either reduce levels of lameness or maintain a low level.

- **Understanding Mobility Scoring:** Explore the concept of mobility scoring as an effective method for evaluating lameness in cattle herds
- **Learn about the Register of Mobility Scorers (RoMS):** A self-regulatory body promoting standardized independent mobility scoring by trained professionals
- **Scoring Cows for Effective Evaluation:** Gain hands-on training in assessing and scoring cow mobility based on established criteria
- **Progress Monitoring:** Track improvements in lameness levels over time and assess the effectiveness of preventative measures
- **Record-Keeping:** Develop best practices for consistent and reliable record-keeping
- **Behavioural and Postural Cues:** Learn to identify key behavioural and postural indicators of lameness in cows
- **Financial Benefits:** Understand the potential financial gains associated with reduced lameness in your herd
- **Biosecurity:** Recognize how mobility scoring can contribute improved biosecurity practices on farm



RoMS

VETERINARY DIY AI

14 CPD HOURS

This two day workshop is tailored to give you maximum hands-on tuition to gain the skills and knowledge of how to AI cows.

WHY ATTEND?

Gain practical knowledge and skills with the hands-on experience needed to excel in Bovine Artificial Insemination. This allows plenty of time for the dexterity required for a successful insemination to be mastered.

COURSE FOCUS

This hands-on workshop provides in-depth training covering:

- Reproductive management strategies
- Insemination technique
- Semen care
- Thawing procedures
- Welfare and legislation
- Nitrogen Safety





LAPAROSCOPIC OVINE AI (ARTIFICIAL INSEMINATION)

7 CPD HOURS

This comprehensive one day workshop equips vets with the knowledge and skills for successful sheep AI.

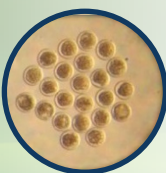
WHY ATTEND?

Sheep insemination involves insemination via the laparoscopic method. This course is designed to equip you with the skills to perform the laparoscopic method along with all the science, synchronization method and associated procedures.

COURSE FOCUS

This hands-on workshop provides in-depth training covering:

- Collection and preparation of semen (fresh or frozen)
- Synchronisation of ewes' estrous cycles
- Techniques for insemination
- Ewe selection and preparation



OVINE EMBRYO TRANSFER (ET)

7 CPD HOURS

Master the Art of Sheep ET Gain the essential skills to successfully implement an embryo transfer program in your flock.

Students must have completed the Ovine Laparoscopic AI course but can be taken on its own by students with relevant experience.

WHY ATTEND?

This intensive one day workshop will cover all aspects of Embryo Collection, Transfer and Flushing, from donor and recipient preparation to embryo transfer. To provide you with the practical knowledge and hands-on experience needed to excel in sheep ET.

COURSE FOCUS

This hands-on workshop provides in-depth training covering:

- Master donor and recipient preparation and programming
- Develop proficiency in laparoscopic embryo collection
- Learn to accurately sort and evaluate embryos
- Gain expertise in embryo transfer techniques

RAM FERTILITY

7 CPD HOURS

This one day workshop delves deep into maximising ram fertility for improved flock performance.

WHY ATTEND?

On many farms the Ram is often presumed to be fertile. However, experience shows that a significant number of Rams are sub-fertile or infertile which is costing your clients time and money. Master the skills to Identify a sub-fertile or infertile Ram avoid significant economic losses. Which in turn helps to promote Genetic Progression.

COURSE FOCUS

This hands-on workshop provides in-depth training covering:

- **Best Use of Rams:** Strategies to optimise ram selection and utilisation for flock profitability.
- **Reproductive Anatomy & Physiology:** Understanding the fundamentals of the ram's reproductive system
- **General & Detailed Clinical Examination:** Techniques for a thorough physical examination of rams, including the use of ultrasound for specific evaluations
- **Semen Collection & Evaluation:** Hands-on training in semen collection and laboratory analysis of motility and morphology



OVINE SCANNING (SCANNING SHEEP AND GOATS)

14 CPD HOURS

This workshop equips vets with the skills to effectively scan sheep and goats for pregnancy and other purposes.

WHY ATTEND?

The aim of this two day workshop is to develop your understanding of the principles of scanning and to gain knowledge of a sound ovine scanning technique. With a combination of both theory and extensive hands-on practical training.

COURSE FOCUS

This hands-on practical workshop provides in-depth training covering:

- Identifying the correct scanning area
- Proper scanning techniques
- Image identification and interpretation
- Equipment setup and operation
- Determining the number of lambs present and any abnormalities





SURGICAL AND ANAESTHETIC PROCEDURES IN CATTLE AND SHEEP

7 CPD HOURS

This one day workshop is designed for those wishing to improve their knowledge and skills in anaesthetic and surgical procedures that can be performed in cattle and sheep.

WHY ATTEND?

Ideal for Veterinarians seeking to enhance their expertise in anaesthetic and surgical procedures. Mastering surgical techniques and anaesthetic procedures allows you to attend farm situations with confidence.

COURSE FOCUS

This hands-on workshop provides in-depth training on a range of surgical procedures and Anaesthetic options:

- Performing epidurals (sacrococcygeal and lumbosacral)
- Paravertebral anaesthetic
- Sedation protocols
- Eye enucleations
- Umbilical hernias
- Tibial nerve transection
- Perineal urethrostomy
- Abdominal surgery in the calf

ADDITIONAL SKILLS DEVELOPMENT

- Improve knowledge of anaesthetic and pain relief protocols in cattle and sheep
- Gain confidence in performing anaesthetic procedures
- Gain confidence in performing surgical procedures

LA ULTRASONOGRAPHY - BEYOND THE REPRODUCTIVE TRACT

7 CPD HOURS

Why Ultrasound? Ultrasound is a powerful diagnostic tool often overlooked in farm animal practice. Quick and easy to use, it can provide invaluable insights into various organ systems.

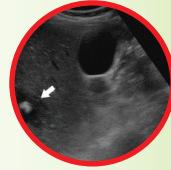
WHY ATTEND?

This intensive one day workshop will cover both bovine and ovine ultrasound. Learn to identify common pathologies in the chest and abdomen and gain a deeper understanding of ultrasound's role in respiratory and reproductive health.

COURSE FOCUS

This course will equip you with the skills to:

- Diagnose conditions rapidly and accurately
- Improve treatment plans and outcomes
- Enhance your overall diagnostic capabilities

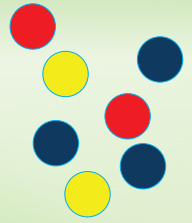




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