



An Online Course in Reproduction & Neonatal Management of Camelids

FOR OWNERS & BREEDERS OF CAMELIDS

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Camelid Veterinary Services Ltd

An 8-week course, starting on Tuesday 2nd March 2021, 8pm UK time [3pm EST]

We devote the first four sessions of this course entirely to camelid reproduction. You will learn about male and female reproductive anatomy and physiology and how to get the best success when breeding your animals. We will discuss common reproductive problems so that you have a better idea what to do when things aren't going according to plan. The types of reproductive emergencies experienced by camelids will also be covered in order to help you better prepare for these potential issues.

During the second half of the course, we will then turn our attention to preparations for the birthing season, and the neonatal cria. We will consider the newborn cria in terms of what's normal, what isn't, and what to do in the case of problems. We will discuss the birthing process and provide practical tips on what you may need to do in an emergency.

An optional practical session is available for those able to travel to attend. Details below.

Session 1	2 nd March	Female Anatomy and Reproductive Physiology
Session 2	9 th March	Male Reproduction, Breeding Soundness & Selection of Male/Female Camelids for Breeding <ul style="list-style-type: none">• Heritability of desirable or undesirable traits• Male/Female selection criteria• Genetic and congenital defects
Session 3	16 th March	Best breeding practices <ul style="list-style-type: none">• Reproductive problems, and solutions
Session 4	23 rd March	Reproductive Emergencies <ul style="list-style-type: none">• C-sections, uterine torsion, post-partum vaginal bleeding, uterine prolapse...
Session 5	30 th March	Preparation for Parturition
Session 6	13 th April	Neonatology – what's normal in newborn crias, what isn't normal, how to prevent problems, and what can be done to treat any problems that may develop.
Session 7	20 th April	Angular Limb Deformities (crooked legs) and Rickets
Session 8	27 th April	Birthing – what to expect when an alpaca or llama gives birth, what to look out for when things aren't going according to plan, and how to recognise when veterinary help is needed.

Each session will start at 8pm UK time and last approximately 1-1.5 hours including time for questions. Please note that, as daylight saving starts at different times in the US and UK, sessions 3 and 4 will be at 2pm EST while all other sessions will take place at 3pm.

COURSE COST: £200 + VAT for the full course of 8 sessions. Each can be taken individually for £32 +VAT. Full course notes can be purchased for £25 +VAT and posted to delegates ahead of the course.

OPTIONAL PRACTICAL SESSION An optional practical session (£50 +VAT per person) will be available on 5th May for delegates who complete this course and are able to travel to Camelid Veterinary Services Ltd. There will be several COVID-safe 2-hour sessions time-tabled during the day in order to limit numbers on-site at any one time. The practical session gives guidance on how to approach palpation of a female alpaca or llama having difficulty birthing and gives advice on what kit should you have available at birthing time. You will have the opportunity to practice manipulation of a mal-positioned foetus using a model of the alpaca pelvis. The aim of this practical is to help you to recognise parts of the foetus and learn how to correct a mal-positioned foetus. This helps you learn how to aid delivery when this is safe, or when it would be better to call your vet. You will also be shown how to safely perform procedures that are sometimes required for crias. This includes tube-feeding crias with milk and giving injections. [Please note that in this practical we use crias that were either stillborn or died very young and been stored for use in this lab. This allows an accurate simulation of palpation. Gloves and protective clothing will be provided.]