



An Invitation to Excellence

Reproduction Program

18 CE Total Hours
September 23rd - 25th, 2010
Groton, Connecticut

Welcome to the NEAEP's 2010 Reproduction Program. Leaders in the field of equine reproduction will present current information on the diagnosis, treatment and management of the infertile mare and stallion, monitoring and care of the foal in utero and during the first days of life, and other topics relevant to practicing equine reproduction in the field. Panel discussions will be held to encourage dialogue between the presenters and the attendees with attendees having the opportunity to submit cases prior to the panel session for discussion. The goal of these lectures is to present the most current and practical information to the practitioner, thereby enhancing their ability to recognize and diagnose certain conditions, and to manage and treat many common equine reproductive problems.

The program will cover nutrition in the broodmare and foal, case presentations regarding the treatment of hydrops, and insight on improving the management of reproductive cases. In-depth presentations on stallion behavior, phantom training and treatment of stallion-related problems will provide the practitioner with the knowledge needed to manage the difficult stallion. The program additionally will feature an informative practical session on the most recently published research in equine reproduction.

Speakers & Topics



Etta A. Bradecamp, DVM, Dip. ACT, ABVP

Case Reports on Hydrops and Prepubic Tendon Rupture

This lecture will present cases involving hydrops, prepubic tendon rupture, and tearing of the abdominal wall musculature. Management and treatment of these high-risk pregnancies will be discussed.

Case Reports of Poor Reproductive Management

What went wrong and how to improve the results in these types of cases is the focus of this discussion. This panel will present cases where changes in reproductive management resulted in a more favorable outcome. They will discuss how to recognize signs of an underlying problem and how the use of diagnostics, an understanding of the reproductive cycle, and complete and thorough examinations improved the outcomes in these cases.

A Review of What Is New in Equine Reproduction

This lecture will present a review of the latest publications and research in equine reproduction, providing an opportunity to get up to date on the most current treatments and diagnostics currently being applied in the field.



Wendy Vaala, VMD, Dip. ACVIM

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Schering-Plough Animal Health

Resuscitation and Stabilization of the "Not -So- Normal" Foal

Early recognition of the abnormal / potentially abnormal foal begins with a careful history of periparturient events, placental examination and neonatal evaluation. The most common causes of the rapidly fading foal (e.g., hypoxia, septicemia, and dysmaturity / prematurity) will be discussed in terms of clinical signs and guidelines for initial stabilization. Resuscitation protocols will be reviewed and general guidelines for fluid / plasma therapy, antibiotic

selection, respiratory support, and disease specific treatments will be presented with a focus on what can be done on the farm.

Foal Diseases to Watch for During the First 30 Days

Continued care of the septic, maladjusted, and / or dysmature foal will be discussed. Differentials and treatments for common viral, bacterial and parasitic causes of respiratory disease and colic / diarrhea in the neonatal foal will be reviewed. A drug formulary and equipment inventory for the truck and clinic will be included.



John J. Dascanio, VMD, Dip. ACT, ABVP

Parturition – What Is Normal, What Is Not Normal and What to Do When Things Are Not Going Right

This lecture will cover basics of dystocia management and periparturient mare issues. A short discussion of induction of parturition will be included.

Fetal monitoring (CTUP, HB, Normal Fetal Growth and Activity)

This lecture will cover both transrectal and transabdominal ultrasonographic evaluation of the pregnant uterus and fetus. Participants will be given a worksheet with charts detailing various parameters to measure and their normal values.

Selected Advanced Reproductive Techniques

This lecture will discuss how to harvest and package ovaries and testes for shipment to a facility for gamete preservation. In addition, we will cover the process for packaging embryos for transport and the process for freezing equine embryos.



Sue McDonnell, PhD

Training a Stallion for Semen Collection

A discussion of dummy mount design and fit, selection and preparation of a stimulus/mount mare, AV preferences, stallion handler factors, stallion behavioral characteristics that should be maximized, and AV handling techniques.

Retraining a Stallion with Difficulties for Semen Collection and Treatment of Erection and Ejaculation Dysfunction in Stallions

Re-schooling a stallion that has had difficulties with semen collection involves obtaining a history of his past breeding experiences, a thorough physical exam and careful, astute observations during semen collection attempts. Additional comments will be made concerning how to assist stallion with marginal arousal, mounting difficulties, and difficult ejaculation



Michelle LeBlanc, DVM, Dip. ACT

Endometritis – How Are You Doing With Diagnostics?

Established and new diagnostic techniques in addition to how those findings relate to specific infertility problems will be discussed.

Endometritis – Which Treatment(s) Does This Mare Need?

Treatment strategies will be discussed by presenting straightforward (to some) and exasperating clinical cases.



Randel Raub, PhD

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Growing More Durable Equine Athletes

The latest nutrition and management research, as it is applied to the broodmare and foal, will be presented. Particular focus will be directed toward the facilitation of healthy articular cartilage and skeletal development.



Juan Samper, DVM, Dip. ACT

Sponsored By:



Non-Uterine Causes of Infertility

Although the uterus is the biggest organ of the reproductive tract, pathological conditions of the oviducts, ovaries and other associated organs can determine the success or failure of the breeding. Discussion of diagnostics and treatments for some of these conditions will be presented.

Artificial Insemination

New methods of semen processing and deposition have made veterinarians reconsider what the appropriate dose is to maximize fertility. So what is the appropriate dose?



Dickson Varner, DVM, MS, Dip. ACT

Sponsored By:



Management of the Stallion to Maximize Pregnancy Rates – Natural Service Breeding Programs

This presentation will address management strategies to assess and improve the fertility of stallions in natural-cover programs.

Management of the Stallion to Maximize Pregnancy Rates – Artificial Insemination Programs

This presentation will address both laboratory and breeding methods that can be used to improve the fertility of stallions in artificial insemination programs.

Panel Discussion Focused on the Stallion – Drs. Samper, Varner, and McDonnell

This panel with audience participation will be used to address specific cases brought forth by the audience, as well as selected cases provided by the panelists.

Schedule

Thursday, September 23

7–8 am – Symposium Registration

The Mare

Marriott Ballroom F

8–8:50 am – Endometritis – How Are You Doing With Diagnostics? – Dr. LeBlanc

9–9:50 am – Endometritis – Which Treatment(s) Does This Mare Need? – Dr. LeBlanc

10–10:50 am – Non-uterine Causes of Infertility – Dr. Samper

11–11:55 am – Break in Exhibitors Room (Mystic Ballroom A-D)

12–12:50 pm – Growing More Durable Equine Athletes – Dr. Raub

1–2:30 pm – Lunch (Mystic Ballroom A-D)

2:30–3:20 pm – Case Reports on Hydrops and Prepubic Tendon Rupture – Dr. Bradecamp

The High Risk Foal – From Parturition to Foalhood – Reducing Morbidity and Mortality

3:30–4:20 pm – Parturition –What To Do When Things Are Not Going Right – Dr. Dascanio

4:30–5:20 pm – Fetal monitoring (CTUP, HB, Normal Fetal Growth and Activity) – Dr. Dascanio

5:30–7 pm – Welcome Cocktail Reception (Mystic Ballroom A-D)

7:30 pm – Transportation to Downtown Mystic

Friday, September 24

Marriott Ballroom F

The High Risk Foal – From Parturition to Foalhood – Reducing Morbidity and Mortality

8–8:50am – Resuscitation and Stabilization of the "Not -So- Normal" Foal – **Dr. Vaala**

9–9:50 am - Foal Diseases to Watch for During the First 30 Days – **Dr. Vaala**

10–10:50 am – Poor Reproductive Management Panel – **Drs. Vaala, Dascanio, Bradecamp & LeBlanc**

11–11:55 am – Break in Exhibitors Room (Mystic Ballroom A-D)

Stallion Management

12–12:50 pm – Management of the Stallion to Maximize Pregnancy Rates – Natural Breeding – **Dr. Varner**

1–2:30 pm – Lunch (Mystic Ballroom A-D)

2:30–3:20 pm – Stallion Management to Maximize Pregnancy Rates – Artificial Insemination – **Dr. Varner**

3:30–4:20 pm – Training a stallion for Semen Collection – **Dr. McDonnell**

4:30–5:20 pm – Retraining a Stallion with Difficulties for Semen Collection and Treatment of Erection and Ejaculation Dysfunction in Stallions - **Dr. McDonnell**

5:30–7 pm – Cocktail Reception (Mystic Ballroom A-D)

Saturday, September 25

Marriott Ballroom F

Stallion Management

8–8:50 am – Artificial Insemination – What Is the Appropriate Dose? – **Dr. Samper**

9–9:50 am – Panel Discussion focused on the Stallion – **Drs. Samper, Varner, McDonnell**

Advances in Equine Reproduction

10–10:50 am – A Review of What Is New in Equine Reproduction – **Drs. Bradecamp & Samper**

11–11:55 am – Break in Exhibitors Room (Mystic Ballroom A-D)

Assisted Reproductive Techniques

12–12:50 pm – Selected Advanced Reproductive Techniques – **Dr. Dascanio**

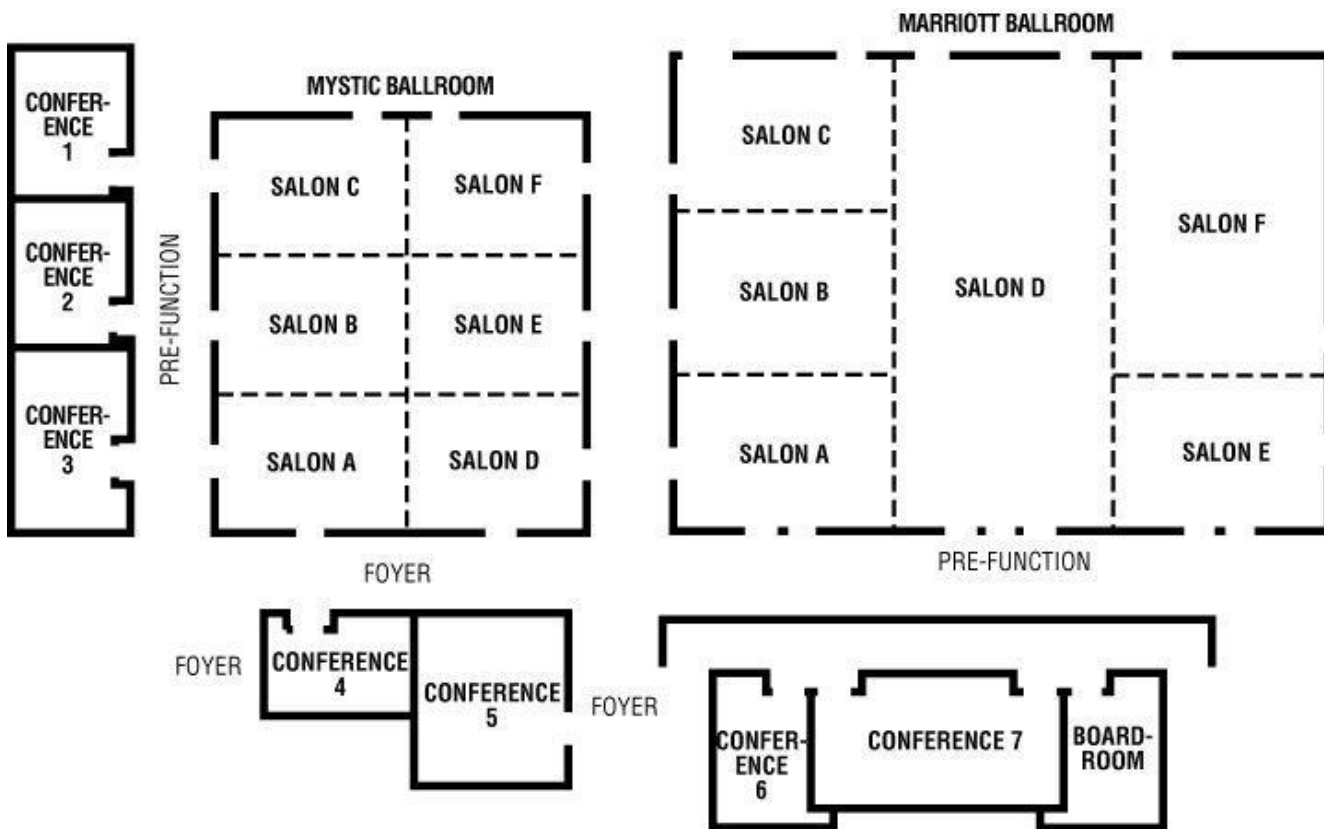
1–2:30 pm – Lunch (Mystic Ballroom A-D)

2:30–3:20 pm – Open

3:30–4:20 pm – Open

4:30–5:20pm – Open

6:30 pm – Transportation to Downtown Mystic



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