

Equine Perinatology



DIRECTION

Prof. Carolina Castagnetti, Department of Veterinary
Medical Sciences – DIMEVET

CLINICAL TUTOR

Dr. Aliai Lanci, Department of Veterinary Medical
Sciences – DIMEVET



PRESENTATION

The course aims to develop and enhance the knowledge of veterinarians in **managing the perinatal period in equine species, with a particular focus on high-risk pregnancy and neonatal intensive care.**

The topics covered include diagnosis, treatment and monitoring of the main diseases affecting the mare during pregnancy and the postpartum period, management of normal and dystocic parturition, diagnosis and treatment of the most common neonatal conditions and neonatal intensive care.

Thanks to the limited number of participants, the program will be tailored to the starting level of experience of the students, who may be recent graduates or more experienced practitioners.

The multidisciplinary approach, ensured through the involvement of lecturers specialized in both Reproduction, Internal Medicine and Surgery/Orthopedics, provides a comprehensive educational experience.

The course also offers the opportunity to acquire practical experience spending an entire week of internship at the **Perinatology and Reproduction Unit** of DIMEVET, a well-established referral center in this field.

WITH THE PATRONAGE OF



PROGRAM

> JANUARY 16, 2027

Saturday, 16 January, 9 AM — 1 PM

Physiology and pathological conditions of the equine pregnancy: clinical insight

Jole Mariella, Associate Professor, DVM, PhD

Saturday, 16 January, 2—6 PM

Pregnancy loss: from the clinic to the laboratory.

Pregnancy health and diagnostic monitoring

Jole Mariella, Associate Professor, DVM, PhD

> JANUARY 29—30, 2027

Friday, 29 January, 2—6 PM

Normal and dystocic labour: strategies for successful delivery

Jole Mariella, Associate Professor, DVM, PhD

Saturday, 30 January, 9 AM — 1 PM

Medical pathologic conditions in the pregnant and postpartum mare

Francesca Freccero, Associate Professor, DVM, PhD, Dipl. ECEIM

Saturday, 30 January, 2—6 PM

Postpartum reproductive disorders: identification and management

Jole Mariella, Associate Professor, DVM, PhD

> FEBRUARY 13, 2027

Saturday, 13 February, 9 AM — 1 PM

Principles of antimicrobial stewardship in perinatology. Adaptation to extrauterine life and assessment of the newborn. Management of orphan foals and adoption

Carolina Castagnetti, Full Professor, DVM, PhD, Dipl. ECAR

Saturday, 13 February, 2—6 PM

Diagnostic-therapeutic protocol for sick newborn foals. Neonatal diseases (clinical cases): prematurity/dysmaturity

Carolina Castagnetti, Full Professor, DVM, PhD, Dipl. ECAR

> FEBRUARY 27, 2027

Saturday, 27 February, 9 AM – 1 PM

Neonatal diseases (clinical cases): sepsis and localized infections, Neonatal Syndrome, isoerythrolysis, and other causes of jaundice

Carolina Castagnetti, *Full Professor, DVM, PhD, Dipl. ECAR*

Saturday, 27 February, 2–3 PM

Neonatal diseases (clinical cases): other non-infectious diseases (patent urachus, uroperitoneum, colic syndrome)

Carolina Castagnetti, *Full Professor, DVM, PhD, Dipl. ECAR*

Saturday, 27 February, 3–6 PM

Foal orthopedics

Riccardo Rinnovati, *Associate Professor, DVM, PhD* –
Alessandro Spadari, *Full Professor, DVM*

> MARCH 13, 2027

Saturday, 13 March, 9 AM – 1 PM

Diagnostic imaging in the foal. Principles of fluid therapy. Pain management

Francesca Freccero, *Associate Professor, DVM, PhD, Dipl. ECEIM*

Saturday, 13 March, 2–6 PM

Clinical pathology (clinical cases)

Francesca Freccero, *Associate Professor, DVM, PhD, Dipl. ECEIM*

> APRIL 2–3, 2027 (Practical training – in person only)

Friday, 2 April, 2–6 PM

Transrectal and transabdominal ultrasound of the pregnant mare

Francesca Freccero, *Associate Professor, DVM, PhD, Dipl. ECEIM* – Dr. Aliai Lanci

Saturday, 3 April, 9 AM – 1 PM

Thoracic and abdominal ultrasound of the foal

Francesca Freccero, *Associate Professor, DVM, PhD, Dipl. ECEIM* – Aliai Lanci, *Researcher, DVM, PhD*

Saturday, 3 April, 2–6 PM

Macroscopic examination of the placenta. Simulation of long-term catheter insertion. Structures and materials for perinatal care and neonatal intensive therapy

Aliai Lanci, *Researcher, DVM, PhD*

ADMISSION REQUIREMENTS

The course is open to graduates in Veterinary Medicine. Admission is subject to a selection process based on academic and professional qualifications.

LEARNING OUTCOMES

At the end of the course, the student will have acquired the theoretical and practical foundations for managing the peripartum period in the equine species, with particular reference to the following areas: diagnosis, treatment, and monitoring of the main mare pathologies during pregnancy and postpartum; management of both normal and dystocic foaling; and neonatal intensive care.

APPLICATION DEADLINE

November 17th, 2026

ENROLLMENT

December 2nd – 15th, 2026

AVAILABLE PLACES

20

TEACHING

44 hours: lectures, both in-person and online
(synchronous only)

12 hours: hands-on practical training in person

40 optional hours: internship at the Perinatology and
Reproduction Unit of DIMEVET

MANDATORY ATTENDANCE

80%

VENUE

Department of Veterinary Medical Sciences,
Via Tolara di Sopra 50, Ozzano dell'Emilia

FEE

1.500 € – auditors: 1.125 €

ECTF

6

WEBSITE

site.unibo.it/perinatologiaequina



CALL FOR APPLICATION

Il bando è disponibile al seguente link:

tinyurl.com/cfp-perinatologia-equina-26-27

CONTACTS

Carolina Castagnetti

carolina.castagnetti@unibo.it

051 2097571
