

This teaching module provides the following elements, which are useful for achieving **EAEVE Day One Competences**

1.16 Obtain an accurate and relevant history of the individual animal or animal group, and its/their husbandry and environment.

The student is able to arrange a Q&A talk to obtain clinically relevant informations and to elaborate an history of a horse

The student is able to correctly write the medical history findings using the appropriate Veterinary Medical terminology

1.17 Handle and restrain animal patients safely and with respect of the animal and instruct others in helping the veterinarian to perform these techniques.

The student is able to safely get close, halter, and manually restrain a horse and is able to restraint it using the basic tools used for that aim

1.18 Perform a complete clinical examination and demonstrate ability in clinical decision-making.

The student is able to handle the most common clinical problems in horse, to make a complete differential diagnosis list and to plan a diagnostic workup

The student is able to perform a physical examination of a horse

1.19 Develop appropriate treatment plans and administer treatment in the interest of the animal under their care with regard to the resources available and to appropriate public health and environmental considerations.

The student is able to choose the most appropriate treatment for the most common equine disorders and conditions

The student is able to apply an evidence based medicine rationale to the choice of any treatment plan

The student is able to apply an evidence based medicine rationale to the choice of an antimicrobial treatment plan and apply antimicrobial stewardship considerations

1.21 Assess the physical condition, welfare and nutritional status of an animal or group of animals and advise the client on principles of husbandry, feeding, reproduction, production, welfare, individual health, herd health and public health.

The student recognizes the nutritional status of the horse

The student is able to assess the adequacy of the feed in regard to the physiological status (e.g. foal, adults, elderly patients, physical activity)

The student is able to improve the animal welfare by applying principles of feeding regimens to modulate main metabolic disturbances

1.22 Collect, preserve and transport samples, select appropriate diagnostic tests, interpret and understand the limitations of the test results.

The student is able to choose the appropriate haematological test within a diagnostic workup

The student is able to choose the most appropriate collection tube in regard to the chosen test

The student is able to correctly handle biological samples in regard to transportation and conservation, as to preserve their adequacy and findings accuracy

1.23 Communicate clearly and collaborate with referral and diagnostic services, including providing an appropriate history.

The student is able to report consistently medical report in the process of referral

1.24 Use basic diagnostic equipment and carry out an examination effectively as appropriate to the case, in accordance with good health and safety practice and current regulations. Understand the contribution of digital tools and artificial intelligence in veterinary medicine.

The student is able to interpret a blood gas analysis

The student performs the US examination of the thorax and abdomen in a horse

The student is able to carry out a blood compatibility testing

The student is able to process bronchoalveolar lavage fluid transtracheal washes and to prepare a cytological smear

The student attends the collection of bronchoalveolar lavage fluid and is able to describe how to perform a bronchoalveolar lavage fluid

The student is able to acquire an ECG on a horse and apply principles of ECG interpretations

1.26 Access the appropriate sources of data on information and legislation relating to animal care and welfare, animal movement, notifiable and reportable diseases, use of medicines, including responsible use of antimicrobials.

The student knows the main sources of national and international legislation related to veterinary drugs (pharmacovigilance)

The student is able to consult the official list of licensed veterinary drugs in the appropriate source of data

1.27 Prescribe and dispense medicines correctly and responsibly in accordance with legislation and latest guidance.

The student is able to complete a prescription

The student is able to check the marketing authorization of veterinary medicinal products to gather information about target species including non food-producing or food-producing animals, dispensing scheme, routes of administration, dosage, indications and off-label use, misuse and overt abuse, withdrawal period

1.28 Report suspected adverse reactions through the appropriate channel.

The student is able to correctly understand the difference of: adverse reaction, serious adverse reaction and unexpected adverse reaction, lack of efficacy and how to report thereof

1.38 Advise on and implement preventive and eradication programmes appropriate to the disease and species, in line with accepted animal health, animal welfare, public health and environmental health standards.

The student is able to plan a rational vaccination plan also taking into account properly the warranties from the local health authorities in regard to infectious diseases

The student is able to plan a rational deworming scheme and taking into account properly the anthelmintic resistance issues