

The Hebrew University of Jerusalem

Syllabus

EQUINE MEDICINE AND SURGERY - 65761

Last update 27-10-2016

HU Credits: 4

Degree/Cycle: 2nd degree (Master)

Responsible Department: veterinary medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Rehovot

Course/Module Coordinator: Dr. Gila Sutton

Coordinator Email: gila.sutton@mail.huji.ac.il

Coordinator Office Hours: By appointment

Teaching Staff:

Dr. Gila Sutton
Dr. Gal Kelmer
Dr. Amir Steinman
Dr. Dalia Berlin
Dr. Amos Tatz
Dr. Gil Oreff
Dr.

Course/Module description:

The student is to join the clinical staff of the department, to receive cases and to be responsible for their treatments, medical records, and reports. Case management is carried out together with the clinician responsible for the case. The student is expected to arrive at 7:30 am, to carry out the 8:00 treatments and monitoring of the cases, to update the records (SOAP), to participate in morning rounds with one of the clinicians, to be responsible for all of the treatments of the horse, to participate in special treatments, to participate in meetings and discussions with the department clinicians on various topics and to prepare and present two presentations (one on an equine medical topic and the other a case report). One of the presentations is to be completed within the first double block (blocks 1&2). The student is expected to refer to the professional literature in order to improve their knowledge and understanding regarding the case and in order to be able to suggest tests or appropriate treatments.

Course/Module aims:

: to acquire theoretical knowledge in equine internal medicine and surgery with the emphasis on integration of the theoretical knowledge with the clinical findings, to improve the clinical assessment skills, to acquire tools for clinical assessment, to acquire technical skills by performing simple procedures as venipuncture, and jugular vein catheterization, drug administration, and to observe more advanced medical procedures as endoscopy and surgeries such as colic and arthroscopies.

Learning outcomes - On successful completion of this module, students should be able to:

At the completion of all of the rotations, the student will be able to create a reasonable plan for a post-operative colic/colitis/orthopedic case. In addition the student will be able to comprehend, be helpful and preserve the sterility of basic/common surgical procedures such as abdominal exploration (colic). Finally, the student will be capable of performing basic clinical procedures such as nasogastric intubation and jugular catheterization.

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Teaching is based on morning rounds during which presentation of all clinical cases, followed by one on one discussion after receiving clinical cases, daily learning through performing treatments such as regional limb perfusion and bandaging.

Course/Module Content:

: all equine medicine & surgery fields including decision making in colic, neonatal disease and care, emergency medicine including receiving a colic/penetrating wound, colitis, respiratory diseases, hematology and aspects of clinical pathology.

Required Reading:

equine medicine and surgery courses.

Additional Reading Material:

: Equine Surgery by Auer & Stick, Equine Internal Medicine by Reed etc

Relevant professional journal articles

Course/Module evaluation:

End of year written/oral examination 0 %

Presentation 10 %

Participation in Tutorials 10 %

Project work 0 %

Assignments 0 %

Reports 10 %

Research project 0 %

Quizzes 0 %

Other 70 %

70

Additional information:

The grades are determined by the performance of the student during the clinical rotation and two 15-20 minute presentations (each) prepared and presented by the students. The performance evaluation is based on theoretical and professional knowledge, technical ability including professionalism, and general attitude.