

CLIN*6700 Pathophysiology in Small Animal Surgery I

Soft Tissue Surgery - Winter 2014

Course coordinator: Brigitte A. Brisson

Textbooks:

1. Mechanisms of Disease in small animal surgery 3rd edition 2010 (Bojrab and Monet)
2. Veterinary Surgery Small Animal 1st edition (Tobias and Johnston)

Location / Time:

Class will take place on Friday mornings from 8-9h30 in room 1296

Schedule:

DATE	TOPIC	READING	GUEST
JAN 10	No class (moved to May 2 nd)		
JAN 17	Fluids therapy & Blood gases Transfusions	Tobias Chapter 5 Bojrab Chapter 3	Bersenas
JAN 24	Bleeding and Hemostasis Hemostasis and DIC Surgical Hemostasis Thromboembolic diseases	Tobias Chapter 7 Bojrab Chapter 4 Tobias Chapter 19 Bojrab Chapter 21	Brisson
JAN 31	Urinary obstruction Ectopic ureters Urethral sphincter incompetence	Bojrab Chapters 66 & 67 Bojrab Chapter 68 Bojrab Chapter 69	Adam
FEB 7	Hernias	Bojrab Chapters 13-15, 27	Evan
FEB 14	Skin healing and burns Skin grafts & burns (Congenital disorders	Bojrab Chapters 61-62 Tobias Chapter 80-81 Bojrab Chapter 63)	Dom
FEB 21	Peritoneum & retroperitoneum Peritonitis Pancreatitis	Tobias Chapter 86 Bojrab Chapter 16 Bojrab Chapter 31	Group
FEB 28	Ears and nasopharynx Spleen and thymus	Bojrab Chapters 59-60 Bojrab Chapters 83,84	Group
MAR 7	Palate, Salivary, swallowing Stomach	Bojrab Chapters 23-25 Bojrab Chapters 28-30	Group
MAR 14	Intestinal diseases	Bojrab Chapters 35-39	Brisson

MAR 21	Liver, PSS	Bojrab Chapters 32-34	Singh
MAR 28	Endocrine	Bojrab Chapters 79-82	Dom
APR 4	Respiratory Diseases	Bojrab Chapters 51-58	Adam
APR 11	Cardiovascular surgery	Bojrab Chapters 17-20, 26	Evan
APR 18	Principles of Metastasis Oncologic surgery Mammary gland neoplasia	Bojrab Chapter 9 Tobias Chapter 25&82 Bojrab Chapter 78	Oblak
APR 25	Renal physiology & transplantation	Bojrab Chapters 64, 10, 11, 71	Gwyneth
MAY 2	Open week for extra material or for missed/canceled class week		
MAY 9	Inflammatory response SIRS Shock	Tobias Chapter 1 Bojrab Chapter 1 Bojrab Chapter 2 Tobias Chapter 6	Bersenas
MAY 16	No class		
MAY 23	Antimicrobial prophylaxis Wound infections & antimicrobial UTI	Bojrab Chapter 12 Tobias Chapter 10 Bojrab Chapter 65	S.Weese
MAY 30	Genital system	Bojrab Chapters 72-77	Gwyneth
JUN 6	No class comps		
JUN 13	No class comps		
JUN 20	Physiology of pain Surgical pain Nutrition	Bojrab Chapter 8 Tobias Chapter 22 Bojrab Chapters 5-7	Mosley
JUN 27	Diseases of ferret & rabbit	Bojrab Chapters 118-119	DaleSmith ?
JUL 4	No class comps/study		
JUL 18	No class comps/study		
JUL 25	FINAL EXAM		

Format:

During class, the assigned readings will be discussed and any questions / inconsistencies from the readings discussed as a group. Students are expected to have read all the assigned materials before coming to class, be ready to discuss the readings and actively participate in the discussion. Sessions will begin with a discussion / presentation (~30-60 minutes) given by an assigned guest. Each resident will be a guest speaker twice during the semester. The

assigned guest speaker may discuss a specific topic (focused on pathophysiology) from the assigned readings for that week but may not necessarily cover the entire reading.

Guest speakers are encouraged to provide one or several objectives relating to the topic/chapters being discussed; please send these objectives to all participants at least 48 hours ahead of class via email. If appropriate, guest speakers may also provide extra references.

Each participant/student will write one question (any format) and send it via email to the coordinator prior to each class – these questions must not be shared with the group.

FINAL EXAMINATION: July 25, 2014

Grades for this course will be determined as follows:

- Attendance and participation in discussions 20%
- Guest presentation 1 (includes objectives and questions submitted) 20%
- Guest presentation 2 (includes objectives and questions submitted) 20%
- Final Exam 40%

E-mail Communication

All students are required to check their University of Guelph e-mail account regularly. E-mail is the official route of communication between the University and its students.

When You Cannot Meet a Course Requirement

When you find yourself unable to meet an in-course requirement because of illness or compassionate reasons, please advise the course in writing, with your name, id#, and e-mail contact. See the graduate calendar for information on regulations and procedures for Academic Consideration:

http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1415.shtml

Drop Date

The last date to drop one-semester courses, without academic penalty, is Friday, March 7. Two-semester courses must be dropped by the last day of the add period in the second semester. Refer to the Graduate Calendar for the Schedule of Dates.

Academic Misconduct

The University of Guelph is committed to upholding the highest standards of academic integrity and it is the responsibility of all members of the University community – faculty, staff, and students – to be aware of what constitutes academic misconduct and to do as much as possible to prevent academic offences from occurring. University of Guelph students have the responsibility of abiding by the University's policy on academic misconduct regardless of their location of study; faculty, staff and students have the responsibility of supporting an environment that discourages misconduct. Students need to remain aware that instructors have access to and the right to use electronic and other means of detection. The Academic Misconduct Policy is detailed in the Graduate Calendar:

http://www.uoguelph.ca/registrar/calendars/graduate/current/genreg/sec_d0e1702.shtml

Recording of Materials

Presentations which are made in relation to course work—including lectures—cannot be recorded in any electronic media without the permission of the presenter, whether the instructor, a classmate or guest lecturer.

Resources

The Graduate Calendar is the source of information about the University of Guelph's procedures, policies and regulations that apply to graduate programs:

<http://www.uoguelph.ca/registrar/calendars/graduate/current/>**E-mail Communication**

As per university regulations, all students are required to check their <uoguelph.ca> e-mail account regularly: e-mail is the official route of communication between the University and its students.