

VETS90042 Liver, Spleen and Sampling

Credit Points:	12.5									
Level:	9 (Graduate/Postgraduate)									
Dates & Locations:	This subject is not offered in 2016.									
Time Commitment:	Contact Hours: 36 hours (12 x approx. 3 hours per week engaged in online tutorials, lectures and exercises) Total Time Commitment: 170 hours									
Prerequisites:	<table border="1"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>VETS90040 General Principles and FAST Techniques</td> <td>Semester 2</td> <td>12.5</td> </tr> <tr> <td>VETS90041 Urinary Reproductive Tracts Lymph Nodes</td> <td>Not offered 2016</td> <td>12.5</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	VETS90040 General Principles and FAST Techniques	Semester 2	12.5	VETS90041 Urinary Reproductive Tracts Lymph Nodes	Not offered 2016	12.5
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VETS90040 General Principles and FAST Techniques	Semester 2	12.5								
VETS90041 Urinary Reproductive Tracts Lymph Nodes	Not offered 2016	12.5								
Corequisites:	None									
Recommended Background Knowledge:	None									
Non Allowed Subjects:	None									
Core Participation Requirements:	For the purposes of considering requests for Reasonable Adjustments under the Disability Standards for Education (Commonwealth 2005), and Students Experiencing Academic Disadvantage Policy, academic requirements for this subject are articulated in the Subject Overview, Objectives, Assessment and Generic Skills sections of this entry. It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this course are encouraged to discuss this matter with the Student Equity and Disability Support Team: http://www.services.unimelb.edu.au/disability/									
Contact:	School of Melbourne Custom Programs Email: TL-postgrad@unimelb.edu.au (mailto:TL-postgrad@unimelb.edu.au)									
Subject Overview:	<p><i>To enrol in this subject, you must be admitted in the Graduate Certificate in Small Animal Ultrasound - Abdominal. This subject is not available for students admitted in any other courses.</i></p> <p>This subject will focus on the liver, spleen and sampling. Each topic will be covered in separate tutorials. The tutorials will be of a didactic nature with multiple still and video images to complement the text. Students will be required to obtain images from their clinical cases and reflect on these cases and images as part of the subject.</p> <p>The anatomy and normal sonographic anatomy of the liver and spleen will be described and reviewed. The sonographic identification, description and interpretation of diseases processes of the liver and spleen will be explored. Sampling- the acquisition of a diagnostic cellular or biopsy sample is an essential skill in ultrasonography. In this tutorial. fine needle aspiration and biopsies- principles, limitations and execution of these techniques will be covered.</p> <p>Each tutorial will be supplemented by self-assessment multiple choice questions that students must work through to reinforce and reiterate the learning points.</p>									
Learning Outcomes:	<p>At the completion of the subject, students should be able to;</p> <ul style="list-style-type: none"> # Describe the normal sonographic findings of the liver # Assess the liver for sonographic abnormalities # Describe the normal sonographic findings of the spleen # Assess the spleen for sonographic abnormalities # Interpret the sonographic findings of examination of the liver and spleen # Discuss the indications, limitations and potential complications of fine needle aspiration and ultrasound guided biopsy of the abdominal organs 									

Assessment:	Self-assessment by multiple choice questions following each tutorial (10 MCQ takes 20 minutes for each of 10 tutorials - 200 minutes total) and prior to subject completion - 20% Open-book multiple-choice examination of 50 questions which takes 100 minutes during the exam week - 50% Interpretation of 25 case studies assessed by structured questions pertaining to each case (5 MCQ per case) spread throughout the semester. Total time is 250 minutes - 30%
Prescribed Texts:	Small Animal Diagnostic Ultrasound 3 rd Ed Nyland and Mattoon Text and Atlas of Small Animal Ultrasonography 2 nd Ed Penninck and D'Anjou
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Links to further information:	http://www.commercial.unimelb.edu.au/courses
Related Course(s):	Graduate Certificate in Small Animal Ultrasound Abdominal