



## Training course specification of Surgery, Anesthesiology and Radiology

### 1-Basic information

<b>Course title :</b>	<b>Training course specification of Surgery, Anesthesiology and Radiology</b>
<b>Academic year:</b>	5 <sup>th</sup> academic year (2014/2015)
<b>Programme title:</b>	Bachelor of Veterinary Medical Science
<b>Contact hours /week/semester:</b>	<b>See training program specification</b>

### 2-Professional information

#### 1- Overall aims of course

At the end of this course, the students had the ability to deal with different animal species under field conditions dealing with animal owner, understanding the field languages, diagnosis, differential diagnosis, and prognosis and outline the principles of **special surgical interventions** with special reference control, anesthesia, and preoperative technique, technique of operation, post operative care and post operative complications.

#### 2- Intended training outcomes of course (ITOs)

##### a-Knowledge and understanding

**By the end of this course the student should be able to:**

1. List the most common surgical affection of different body systems in different animal species in the Egyptian field.
2. Explain the predisposing causes of these affections.
3. Determine the principle lines for diagnosis and surgical management.
4. Gain the veterinary ethics that dealing with owners and animals.

##### b-Intellectual skills

**By the end of this course the student should be able to :**

1. Interpret the different causes enhancing the special surgical problems.
2. Plan for diagnosis, differential diagnosis, advanced techniques for treatment of special surgical problems.
3. Write clinical report.
4. Record the post-operative complications.

##### c-Professional and practical skills

**By the end of this course the student should be able to:**

1. Deal with animal owner and understand the field language to take appropriate case history and perform an actual clinical diagnosis for each clinical case.
- 2 Perform a special surgical intervention as well as the right post-operative care and manage the complicated cases.

### **d-General and transferable skill**

**By the end of studying the course, the student should be able to**

1. Work effectively as a part of team or individually to collect data.
2. Good communication skills.

### **3-Topics and contents**

<b>Topic</b>
1- Special surgical problems such as (Carpitis, Ring bone, Caped elbow, up ward fixation of patella, spavin, Caped hock, picked up nail, corn, thrush, laminitis , sand crack, Dacrocystitis, Corneal opacity, Panophthalmia, Sharp teeth, Ectasia of salivary duct, salivary fistula, thialolithiasis, Chocking, TRP, Hernia, Artesia ani, rectal prolapsed, Urine retention, urethral dilatation, Castration, Udder hematoma, gangrenous mastitis, chronic thelitis, milk fistula, free and hard milkers, tail necrosis and horn fracture)
2- Taking case history
3- Diagnosis and differential diagnosis
4- surgical management <ol style="list-style-type: none"><li>1- Control</li><li>2- The suitable anesthetic regimen</li><li>3- Surgical management strategy</li><li>4- post operative care</li><li>5- Post operative complications.</li></ol>
<b>4-Teaching and learning methods</b>
4.1 field visits and conveys. 4.2. Small group visit to local veterinary governmental clinics and hospitals

<b>Training coordinator</b>	<b>Head of department</b>
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