

## Specification for Regional Surgery course 2019/2020

### A-Affiliation

1.	<b>Relevant program</b>	Bachelor of Veterinary Medical Science (BVMSc)
2.	<b>Department offering the course</b>	Surgery anaesthesiology and radiology

**Date of specification approval:** ministerial decree No. 1727 on 26/4/2017  
(Approved in this template by the department council on 1/10/2019)

### B-Basic information

1.	<b>Course title</b>	Regional Surgery
2.	<b>Course code</b>	504 (A) III
3.	<b>Level</b>	5 <sup>th</sup> year
4.	<b>Semester</b>	First semester
5.	<b>Total hours</b>	5
6.	<b>Lecture hours</b>	2
7.	<b>Practical hours</b>	3

### C-Professional Information

#### 1- Course learning objectives

The aim of the course is to provide the students with a basic education in the field of the surgery of different body regions and to enable them to gain the skills and attitudes required for the practice of different surgical method under complete aseptic precautions for treatment of various surgical conditions.

#### 2- Intended learning outcomes of the course (ILOs):

##### a- Knowledge and understanding

After successful completion of the course the students should be able to:

- a1- Identify the basic knowledge about surgical anatomy.
- a2- Describe the basis of the pathogenesis of different surgical affections of the body and its consequences, termination and sequale.
- a3- Familiarize the basis of the surgical techniques of the digestive, respiratory, urinary , male and female genital systems with special reference to the different types surgical techniques
- a4- Identify the basis of ophthalmology and the surgical affections of the eyelids, conjunctiva, cornea and retina.
- a5- Describe the surgical corrections of the different surgical affections of the body systems

##### b- Intellectual skills

After successful completion of the course the students should be able to:

- b1- Determine how to differentiate between different types of surgical

affections.

b2- Decide how to perform accurate diagnosis.

b3- Interpret the different types of surgical affections through collecting the clinical signs, diagnostic tools and the diagnostic imaging patterns.

b4- Judge the more suitable time for interference in the different surgical conditions.

b5- Determine the appropriate surgical technique

### c- Professional and practical skills

After successful completion of the course the students should be able to:

c1- Performing the accurate antiseptic procedures before surgery.

c2- Using the appropriate surgical instruments.

c3- Performing the basic steps of correct diagnosis

c4- Practice the special diagnostic procedures.

c5- Performing simple surgical interferences with special reference to special surgical techniques.

c6- Manage the surgical cases after operation

### d- General and transferable skills

After successful completion of the course the students should have the following skills

d1- Solve problems associated with pet animal diseases.

d2- Communicate with other colleagues for reaching diagnosis.

d3- Cooperate with other veterinary hospitals, clinics and units in the field of pet animal practice.

d4- Work in a team during group assignments

## 3- Course contribution in the program ILOs:

Course ILOS	Program ILOS
A Knowledge and understanding	a <sup>10</sup>
B Intellectual skills	b <sup>8</sup>
C Professional and practical skills	c <sup>3,9,10</sup>
D General and transferable skills	d <sup>1,2,3,5</sup>

### 3.1- Course contents:

Topic	Lecture hours	Practical hours
Surgery of Digestive System	10	6
Surgery of Respiratory System	4	6
Surgery of Urinary system	4	6
Surgery of the Genital System	4	9
Surgery of the mammary system	2	3
Ophthalmology	6	6
Clinical cases	-	9
Total	30	45

The midterm and practical exams are included during the semester

### 3.2- ILOs matrix:

Topic	A) Knowledge and understanding	B) Intellectual skills	C) Professional and practical skills	D) General and transferable skills
Surgery of Digestive System	a1-a2-a3 -a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Surgery of Respiratory System	a1-a2-a3- a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Surgery of Urinary system	a1-a2-a3- a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Surgery of the Genital System	a1-a2-a3- a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Surgery of the mammary system	a1-a2-a3- a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Ophthalmology	a1 -a4-a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4
Clinical cases	a1-a2-a3-a4-a5	b1-b2-b3- b4-b5	c1-c2-c3-c4-c5-c6	d1-d2-d3-d4

#### 4- Teaching, learning and assessment methods:

ILOs	Teaching and Learning methods							assessment method					
	L	P&M	D	P	Ps	Bs	Ft	semester	midterm	oral	practical	written	
Knowledge and understanding	a1	x	x	x	0		x	0	x	x	x	0	x
	a2	x	x	x	0		x	0	x	x	x	0	x
	a3	x	x	x	0		x	0	x	x	x	0	x
	a4	x	x	x	0		x	0	x	x	x	0	x
	a5	x	x	x	0		x	0	x	x	x	0	x
Intellectual skills	b1	x	x	x	0	x	x	x	x	x	x	0	x
	b2	x	x	x	0	x	x	x	x	x	x	0	x
	b3	x	x	x	0	x	x	x	x	x	x	0	x
	b4	x	x	x	0	x	x	x	x	x	x	0	x
	b5	x	x	x	0	x	x	x	x	x	x	0	x
Professional and practical skills	c1	0	x	x	x	x	0	x	x	0	x	x	0
	c2	0	x	x	x	x	0	x	x	0	x	x	0
	c3	0	x	x	x	x	0	x	x	0	x	x	0
	c4	0	x	x	x	x	0	x	x	0	x	x	0
	c5	0	x	x	x	x	0	x	x	0	x	x	0
	c6	0	x	x	x	x	0	x	x	0	x	x	0
General skills	d1	x	0	x		x	0	x	x	0	x	x	x
	d2	x	0	x	x	0	0	x	x	0	x	0	0
	d3	0	0	x	x	0	0	x	x	0	x	0	0
	d4	0	x	x	0	0	0	x	x	0	x	0	0

L :Lecture, P&M: Presentations & Movies, D&S: Discussions & Seminars PT: Practical, Ps: Problem solving, Bs: Brain storming Ft: field trip

#### 5- Assessment timing and grading:

Assessment method	timing	grade
-------------------	--------	-------

Mid-term exam and semester work	6 <sup>th</sup> week	15
Practical exam	14 <sup>th</sup> week	20
oral exam	End of semester	15
Written exam	End of semester	50
total		100

## **6- List of references**

### **6.1- Course notes:**

A concise guide of Regional Veterinary Surgery **edited by staff members**

### **6.2- Essential books (text books)**

- Teresa F. Sonsthagen (2011) Veterinary instruments and equipment :a pocket guide.
- Pramod Kumar (2009) textbook of veterinary anaesthesia.
- Lisa M. Lavin (2007) Radiography in Veterinary Technology
- Amresh Kumar k.(2005) Veterinary Surgical Techniques

### **6.3- Recommended books**

- Course note.
- Lisa M. Lavin (2007) Radiography in Veterinary Technology.
- Kirby I. Bland (2002) The Practice of General Surgery.

### **6.4- Periodicals, Web sites, . . . etc**

- Journal of Veterinary Surgery.
- American Journal of Veterinary Medical Association.
- American Journal of Veterinary Research
- Veterinary Record
- [www.ekb.eg](http://www.ekb.eg)

## **7- Facilities required for teaching and learning**

- Equipped teaching hall.
- Equipped surgical laboratory.
- Equipped surgery room.
- Radiation unit
- Faculty teaching farm
- Faculty teaching hospital
- Training unit

**Course coordinator: Prof. Dr ADEL ELAQRAA.**

**Head of department Prof. Dr ADEL ELAQRAA**

**Signature .....**

**Date...1/10/2019**