



Beni Suef University
Faculty of Veterinary Medicine

1-Basic information

Course Code:	THR5162
Course title :	Obstetrics
Academic year:	5 th academic year
Program title:	Bachelor of Veterinary Medical Sciences
Contact hours/week	Lecture: 2hrs/week and practical 3hrs/week
Approval Date	

2-Professional information

Overall aims of course:

This course aims to: Provide the students with knowledge, critical thinking and technical skills about normal and abnormal Gestation, parturition and postpartum period including those related to the diagnosis and management of dystocia, prediction and induction of delivery.

3- Intended learning outcomes of course (ILOs)

a- Knowledge and understanding:

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

- a1-Recognize normal and abnormal gestation.
- a2-Outline most common diseases during pregnancy.
- a3-Illustrate different methods of birth help.
- a4-Describe causes, diagnosis and prevention of diseases during postpartum period.

b-Intellectual skills

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

- b1- Outline most common diseases during pregnancy.
- b2- Choose the appropriate method of birth help and interference to resolve dystocia.
- b3- Recall the relationship among different periparturient disorders.
- b4- Choose the correct program suitable for the care of the mother and newly born.

C- Professional and practical skills

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

- c1-management of dairy farms by new technologies
- c2-Application of modern technology in dairy farms.
- c3-Illustrate different methods of birth help.

d- General and transferable skills

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

- d1-Use information technology & information resources.
- d2-Practice continuous self-learning & self-evaluation.
- d3-Work in group.
- d4-Communicate with dairy specialists.
- d5-. Participate in private business



4-Topics and contents

Topic	Week	hours	Lectures	Practical
Gestation period	1 st & 2 nd & 3 rd	15	6	9
Normal birth	4 th	5	2	3
Pathology of the dam during pregnancy	5 th & 6 th	10	4	6
Intra uterine fetal death	7 th & 8 th	10	4	6
Fetal abnormalities	9 th & 10 th	10	4	6
Dystocia	11 th & 12 th	10	4	6
Post-partum period	13 th	5	2	3
Total	13	52	26	39

5-Teaching and learning methods

- 5.1- Lectures (brain storming, discussion) using board, Power Point data shows
- 5.2- Self learning by preparing essays and presentations (computer researches)
- 5.3- Practical (models, samples of.....).

6-Teaching and learning methods for the students with disabilities

Not Applicable

7-Student assessment

7.1. Assessments methods:

Method	Matrix alignment of the measured ILOs/ Assessments methods			
	K&U	IS	P & P.S	G.S
written Exam	a1n 2, a3 & a4	b1,b3,b4		
Practical Exam	a1,a2 and a3	b2,b4	c1, c2 & c3,	
Oral Exam	a1-a4	b1-b4		d1-d5
Student Activities			c1 -c3	d1 - d5

7.2. Assessment schedules/semester:

Method	Week(s)
Practical exams	14 th
written exams	15 th to 18 th
Oral Exam	15 th to 18 th
Student activities	Along the semester

7.3. Weight of assessments/semester

Assessment	Weight of assessment
written Exam	50%
Practical Exam	20%
Oral Exam	20%
Student activities	10
total	100%



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8- List of references

8.1. Notes and books

Departmental notes on: Obstetrics & Artificial insemination

8.2. Essential books:

- D. E. Noakes, T. J. Parkin-on and G. C. W. England: Arthur's Veterinary Reproduction and Obstetrics.' 8th Edition. SAUNDERS An imprint of Elsevier Limited. ©Elsevier Limited 2001.
- Pradeep Kumar: APPLIED VETERINARY GYNAECOLOGY AND Obstetrics, Frist Ed. 2009, ISBN 978-81-8189-218-8, International Book Distributing Co.
- Richard McRae Hopper: Bovine reproduction, © 2015 by John Wiley & Sons, Inc.
- Peter GG Jackson, Handbook of Veterinary Obstetrics, 2nd Ed. © 2004 Elsevier Limited.

8.3. Recommended texts

- Current therapy of theriogenology

8.4. Journals, Websitesetc

Journals:

- Reproduction in domestic animals
- Theriogenology
- Animal reproduction science
- Journal of fertility, development

Websites:

<http://www.evssar.org/> the largest Society for Small Animal Reproduction

<http://www.reproductiverevolutions.com/>

<http://www.ivis.org/home.asp>

<http://vetrepropath.com/repro.html/> Veterinary Reproductive Pathology

<https://www.theriogenology.org/> American College of Theriogenologists

<https://www.zoetisus.com/reproduction/home.aspx>

<https://www.therio.org/search/custom.asp?id=1107>

<http://www.luvas.edu.in/veterinary-gynaecology-and-obstertrics.html>

Course Coordinators

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Topics	weeks	Intended learning outcomes of course (ILOs)			
		K and U (a)	I.S (b)	P. P.S. (c)	G.T.S (d)
1st semester					
Gestation period	1 st & 2 nd	a1&a2	b1	c1	d1
Normal birth	3 rd	a2 & a4	b2	c2	d2
Pathology of the dam during pregnancy	a1-a5	a3	b1	c1 & c2	d3
Intra uterine fetal death	4 th	a3&a4	b2	c3 & c3	d2
Fetal abnormalities	5 th	a1 -a4	b1 – b4	c1 & c3	d1&d2
Dystocia	6 th	a2&a3	b3	c2 & c3	d2&d3
Post-partum period	7 th & 8 th	a1 – a4	b1 -b4	c1 – c3	d1-d5