Theriogenology A

Benha University

Faculty of Veterinary Medicine

Course specifications

Program (s) on which the course is given: Bachelor of Veterinary Medical Sciences

Department offering the course: Theriogenology

Academic year/level: Fifth (First Term)

Date of specification approval: Ministerial decree No. 921 on 15/9/1987 (approved in this template by the Department Council on 13/10/2008)

A- Basic Information

Title: Obstetrics

Code: Vet00653a

Lecture: 2 h/wk  Practical: 3 h/wk  Total: 5 h/wk

B- Professional Information

1- Overall aims of course:

1.1. To have good manipulation with an obstetrical case.

1.2. To control the puerperal pathological affections.

1.3. To well manage a female before, during and after delivery.

2- Intended learning outcomes of course (ILOS):

a- Knowledge and understanding:

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

a.1. Conduct clinical examination and handling of an obstetrical case.

a.2. Follow the pathway of pregnant, parturition and puerperium

a.3. Plan policy of the future breeding, replacing or culling

b- Intellectual skills (after successful completion of the courts the students should be able to)

b.1. Acquire good obstetrical approach

b.2. Know good handling with a problem

b.3. Know good breeding policy

c- Professional and practical skills (After successful completion of the courts the students should be able to)

c.1. Know how to handle a female in an obstetrical condition

c.2. Know how to save the dam and offspring from danger

c.3. Know how to maintain the female reproductive potential
d- **General and transferable skills:**

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

- d.1. Know how to do a review article on a subject
- d.2. Know how to read text and reference books related
- d.3. Know how to transfer skills via the network connection

3- **Contents:**

<table>
<thead>
<tr>
<th>Topic</th>
<th>No. of hours</th>
<th>Lecture</th>
<th>Tutorial/practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physiology of pregnancy</td>
<td>6</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Pathology of pregnancy</td>
<td>6</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Normal parturition</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Dystocia</td>
<td>3</td>
<td>-</td>
<td>3</td>
</tr>
<tr>
<td>Normal puerperium</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Abnormal puerperium</td>
<td>2</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Scheme of obstetrical exam</td>
<td>9</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Tools &amp; equipments</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Exam of normal parturient case</td>
<td>18</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Exam of dystocial case</td>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Maneuvers in case of dystocia</td>
<td>13</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>75</td>
<td>30</td>
<td>45</td>
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</tbody>
</table>

4- **Teaching and learning methods:**

4.1. Data show
4.2. Over-head projector
4.3. Slide projector
4.4. Video tapes
4.5. Clinical cases
4.6. Slaughter house material

5- **Student assessment methods:**

5.1. Quiz to assess the practical attitude on handling a problem
5.2. Mid-term exam to assess knowledge and understanding
5.3. Practical exam to assess practical skills
5.4. Case report to assess the clinical approach of a problem
5.5. Oral exam to assess professional and practical skill
5.6. Final exam to assess level of understanding the course
Assessment schedule:

Assessment 1: Mid term exam  Week 7
Assessment 2: Final-term exam  Week 15
Assessment 3: Oral exam  Week 12
Assessment 4: Practical exam  Week 11
Assessment 5: Term work (quiz and case report)  Weeks 5-10

Weighting of assessments:

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Weighting</th>
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</thead>
<tbody>
<tr>
<td>Final-term examination</td>
<td>50 %</td>
</tr>
<tr>
<td>Oral examination</td>
<td>15 %</td>
</tr>
<tr>
<td>Practical examination</td>
<td>15 %</td>
</tr>
<tr>
<td>Term work (quiz and case report)</td>
<td>10 %</td>
</tr>
<tr>
<td>Mid-term Examination</td>
<td>10 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100 %</strong></td>
</tr>
</tbody>
</table>

6- List of references:

6.1. Course notes:
- Veterinary obstetrics edited by the staff members

6.2. Essential books (text books)
- Applied animal reproduction, H.J. Bearden
- Fertility and infertility in domestic animals, J.A. Laing.
- Anatomy and physiology of farm animals, R.D. Frandson

6.3. Recommended books
- Veterinary reproduction & obstetrics, G.H. Arthur, et al.
- Veterinary obstetrics & genital diseases, G.R. Riberts.
- Current therapy in theriogenology, D.A. Morrow.
- Current therapy in large animal theriogenology, R.S. Youngquist

6.4. Periodicals, Web sites,..... etc
- J. Animal reproduction & Fertility
- J. fertility & Sterility
- Theriogenology
- Google. Com.
- Arabvet. Com
7- Facilities required for teaching and learning

- Aids for obstetrical interference
- Farm for clinical observations
- Network for technology transfer.

<table>
<thead>
<tr>
<th>Course coordinators</th>
<th>Head of Department</th>
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<tbody>
<tr>
<td>Prof. Dr. M.E.A. Abou-Elroos</td>
<td>Prof. Dr. Alla El-Sayed Abdel Ghaffar</td>
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Date of issue: