

DEPARTMENT OF Veterinary Surgery And Radiology

MJF COLLEGE OF VETERINARY AND ANIMAL SCIENCE, CHOMU, JAIPUR

Course Outline for Practical (session: 2021-22)

Tentative Teaching Programme

Duration of lecture class: 28.08.2021 to 28-1-2023

S.N	DATE	TOPIC
UNIT 1 – GENERAL SURGERY		
1.	28-8-2021	Introduction to layout of operation theatre and surgical unit.
2.	4-9-2021	Introduction of common surgical equipment and instruments
3.	11-9-2021	Suture materials, surgical knots and suture patterns.
4.	18-9-2021	Preparation of surgical patients.
5.	25-9-2021	Other operation theatre routines like sterilization, preparation of theatre, Surgeon and surgical pack.
6.	9-10-2021	General examination of surgical patients
7.	23-10-2021	Bandaging and basic wound management
8.	30-10-2021	Demonstration (or Audio visual aids) of surgery, control of haemorrhage and suturing
9.	6-11-2021	Demonstration (or Audio visual aids) of surgery, control of haemorrhage and suturing
UNIT-2 (VETERINARY ANAESTHESIOLOGY)		
10.	13-11-2021	Familiarization with anaesthetic apparatus, monitoring equipment and accessories.
11.	20-11-2021	Methods of local infiltration analgesia (Linear ring block, inverted L block etc.)
12.	27-11-2021	Regional nerve block demonstration and practice (Auriculopalpebral block, Peterson block or 4 point retrobulbar nerve block, Paravertebral, epidural etc.)
13.	4-12-2021	Intravenous regional anaesthesia in cattle.
14.	11-12-2021	Administration of general anaesthesia in small and large animals. (Demonstration and practice).
15.	18-12-2021	Administration of inhalant anaesthesia (Demonstration).
16.	25-12-2021	Monitoring of general anaesthesia
17.	1-1-2022	Management of anaesthetic emergencies, use of artificial respirator and analeptics
18.	8-1-2022	Visit to a wild animal facility or audio-visual aids or both.
FIRST INTERNAL EXAM		
UNIT-3 (VETERINARY DIAGNOSTIC IMAGING TECHNIQUES)		
19.	29-1-2022	Familiarization with the operation of the x-ray unit.
20.	5-2-2022	Formulation of X-ray exposure technique charts, Adoption of safety measures and film processing.
21.	12-2-2022	Positioning and radiography of different parts of the body in small and large animals Handling, viewing and interpretation of radiograph.
22.	19-2-2022	Familiarization with the film contrast, density and details, common radiographic artifacts.
23.	26-2-2022	Radiographic pathology of the head, neck and thorax of large and small animals.
24.	5-3-2022	Radiographic pathology of abdomen of large and small animals.
25.	12-3-2022	Radiographic pathology of the bones and joints of large and small animals.
26.	26-3-2022	Demonstration of contrast radiographic techniques in animals

27.	2-4-2022	Demonstration of ultrasonography in animals. Fluoroscopy or Image intensifier (familiarization).
UNIT-4: (REGIONAL SURGERY-I)		
28.	9-4-2022	Amputation of horn and disbudding.
29.	16-4-2022	Tooth rasping, dental scaling.
30.	23-4-2022	Examination of ear (otoscopy)
31.	7-5-2022	Examination of eye (General examination, Ophthalmoscopy, tonometry, fluorescein dye test, Scherimer tear test, test for blindness).
32.	14-5-2022	Operation for aural haematoma.
33.	21-5-2022	Protection and bandage of eyes, tarsorrhaphy, third eyelid flap, flushing of nasolacrimal duct
UNIT-5: (REGIONAL SURGERY-II)		
34.	28-5-2022	Castration in different species in clinical cases and under animal birth control programme in canine.
35.	11-6-2022	Ovariohysterectomy in dogs and cats.
36.	18-6-2022	Rumenotomy
37.	25-6-2022	Gastrotomy in dogs
38.	2-7-2022	Urethrotomy and urethrostomy.
39.	9-7-2022	Cystotomy and cystorrhaphy
SECOND INTERNAL EXAM		
40.	23-7-2022	Enterotomy or Enterectomy.
41.	30-7-2022	Management of teat and udder affections.
42.	6-8-2022	Amputation of tail in different animals in clinical cases.
43.	13-8-2021	Circumcision operation for prepuce and rectal prolapse.
SPORTS WEEK		
44.	3-9-2022	Thoracocentesis and abdominocentesis.
UNIT-6 (ORTHOPEDICS AND LAMENESS)		
45.	10-9-2022	Familiarization with various orthopaedic instruments and implants
46.	17-9-2022	Basic orthopaedic and neurological examination in small and large animals.
47.	24-9-2022	Nerve blocks in equine
48.	1-10-2022	Application of basic physiotherapy techniques in animals.
49.	8-10-2022	Basic limb stabilization techniques and splinting techniques.
50.	22-10-2022	Application of cast in small and large animals
51.	29-10-2022	Internal fixation techniques in animals
52.	5-11-2022	Medial patellar desmotomy in bovines.
53.	12-11-2022	Examination of animals for soundness and preparation of soundness certificate.
REVISION		
54.	19-11-2022	General surgery
55.	26-12-2022	General surgery
56.	3-12-2022	General surgery
57.	17-12-2022	General surgery
58.	24-12-2022	General surgery
59.	31-12-2022	Veterinary anaesthesiology
60.	7-1-2023	Veterinary anaesthesiology
61.	14-1-2023	Veterinary anaesthesiology
62.	21-1-2023	Veterinary anaesthesiology
63.	28-1-2023	Veterinary anaesthesiology
UNIVERSITY EXAM		

Head of Department