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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 39**  **Animal Behavior** | Describe types of behavior.  Identify and recognize normal animal behavior.  Identify and recognize abnormal animal behavior.  Describe common animal behavior problems in companion animals.  Describe common animal behavior problems in large animals.  Discuss animal behavior and veterinary medicine. | Animal Behavior  Conditioning  Imprinting  Inappropriate Elimination  Instinctive Behaviors  Learned Behavior  Learning  Modeling  Modification Techniques  Pheromones  Veterinary Animal-Behaviorist | 1 week |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 40**  **Basic Veterinary Restraint and Handling Procedures** | Discuss the safety concerns with proper restraint and handling.  Understand the equipment needs for animal restraints.  Understand the circumstances necessary for animal restraint.  Properly tie knots used in animal restraint.  Properly restrain small companion animals, such as dogs and cats.  Properly restrain large animals, such as cattle and horses.  Properly restrain exotic animals, such as birds and reptiles.  Properly restrain rodents, such as mice and rats. | Aggression  Anesthesia Chamber  Body Language  Cat Bag  Cephalic Vein  Dominance Aggression  Dorsal Recumbency  Dorsal-Ventral (D-V)  Fear Aggression  Half Hitch  Jugular Vein  Knot  Lateral Recumbency  Rabies Pole  Recumbency  Redirected Aggression  Reefer’s Knot  Restraint  Saphenous Vein  Scruff Technique  Sedative  Square Knot  Sitting Restraint  Snare Pole  Squeeze Cage  Standing Restraint  Sternal Recumberncy  Stretch Technique  Territorial Aggression  Tranquilizer  Venipuncture  Ventral-Dorsal (V-D) | 2 Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 41**  **Veterinary Safety** | State the concerns of human and animal safety in the veterinary industry.  Discuss the safety hazards within the veterinary industry.  Describe and discuss OSHA guidelines in veterinary medicine.  Explain the use of MSDS  Complete the OSHA log and accident report paperwork.  Identify safety signs and equipment.  Discuss safety plan and guidelines in a veterinary facility. | Bacteria  Biological Hazards  Chemical Hazards  Chemotherapy  Controlled Substance  Controlled Substance- Log  Direct Contact  Drug Enforcement Administration (DEA)  Fungus  Indirect Contact  Medical Waste  MSDS Safety Sheets\  OSHA  Parasites  Personal Protection Equipment (PPE)  Physical Hazards  Protozoans  Rickettsial  Right-to-Know- Station  Scheduled Drugs  Sharps  Sharps Container  Virus  Zoonotic Hazards | 1 ½ Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 43**  **The Physical Examination and Patient History** | Demonstrate how to obtain a complete patient history.  Explain the importance of patient history.  Discuss the tools and supplies necessary for a physical examination.  Explain the importance of the physical examination.  Describe normal and abnormal body system signs.  Discuss each body system evaluated in the physical examination. | Abdominal System  Alopecia  Atrophy  Auscultation  Chief Complaint  Constrict  Crackles  Dilate  Dyspnea  Head Exam  Hydration Status  Integumentary System  Signalment  Toe Pinch Response  Triage  Urogenital System  Wheel Barrow Technique | 2 Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 44**  **Examination Procedures** | Demonstrate common examination procedures.  Discuss and describe common procedures with clients.  Use and explain common veterinary terminology and abbreviations relating to examination procedures. | Anisicoria  Aural Hematoma  Bradycardia  Calculus  Capillary Refill Time (CRT)  Carnassial Toots  Direct PLR  Ectothermic  Endothermic  Fever  Floating  Gingiva  Gingival Hyperplasia  Heart Rate (HR)  Heat Stroke  Hyperthermia  Hyphema  Hypothermia  Indrirect PLR  Mucous Membrane (mm)  Jaundice  Nystagmus  Plaque  Prophylaxis  Pulse  Respiratory Rate (RR)  Tachycardia  Tooth Abscess  TPR  Vital Signs  Weight Tape | 2 Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 45**  **Hospital Procedures** | Discuss the proper admission and discharge practices of hospitalized patients.  Describe how to record observations of hospitalized patients.  Access and determine the handling of emergency  Explain how to tell the gender of animal species.  Explain how to tell the approximate age of an animal.  Demonstrate ho to properly mix and prepare a vaccine.  Demonstrate wound cleaning techniques.  Demonstrate basic bandaging techniques.  Discuss proper procedures for feeding and watering hospitalized patients.  Discuss proper isolation ward practices. | Anogenital Distance  Aspiration  Bandage  Bandage Scissors  Crash Cart  Dentition  Diluent  Emergency  Force Feeding  Hospital Treatment Board  Nasogastric Tube  Neck Band  Observation  Primary Bandage Layer  Secondary Bandage Layer  Stirrups  Tertiary Bandage Layer | 2 Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 46**  **Grooming Procedures** | Discuss and describe common grooming procedures performed in a veterinary facility.  Maintain grooming equipment and tools through proper sanitation and care.  Perform a brush-out- of patients, including patients that may be matted.  Demonstrate proper maintenance and care of clippers and blades.  Demonstrate how to properly trim, clip, and shave patients using clippers and appropriate blades.  Demonstrate how to properly clean normal ears of a patient.  Demonstrate how to properly trim nails of a patient.  Demonstrate how to properly express anal sacs using external expression techniques.  Demonstrate how to bathe patients.  Demonstrate how to properly dry patients. | Anal Glands  Bathing  Brushing  Clipper Guard  Clipping  Combing  Dipping  Grooming  Keratin  Mat  Mat Splitter  Nail Bed  Pinna  Quick  Shaving  Silver Nitrate Stick  Styptic Powder  Trimming  Tympanic Membrane | 1 ½ Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 47**  **Veterinary Assisting Procedures** | State the need for dental care for patients and perform basic teeth-brushing techniques.  Discuss and perform the proper method of filling a syringe and labeling the syringe.  Discuss and perform subcutaneous, intranasal and intermuscular injections.  Demonstrate how to administer SQ fluids.  Explain the importance of monitoring IV catheters and fluids.  Discuss the importance of socialization and exercise of a hospital patient.  Explain the euthanasia procedure.  Demonstrate veterinary laundering techniques. | Agonal  Aspiration  Buccal  Cyanotic  Dental Prophylaxis  Dentifrices  Epaxial  Euthanasia  Fingerbrush  Flow Rate  Gauge  Hamstring  Heparinized Saline  Infusion Pump  Injection Port  Intramuscular (IM)  Intranasal (IN)  IV Catheter  Labial  Lactated Ringers Solution(LRS)  Macrodrip Line  Microdrip Line  Occlusal  Patency  Phlebitis  Pitting Edema  Quadriceps  Spike Port  Subcutaneous (SQ)  Subcutaneous Fluids  Viscous |  |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 48**  **Laboratory Procedures** | Identify common laboratory equipment used in a veterinary facility.  Demonstrate proper collection of a fecal sample.  Demonstrate how to properly conduct a gross fecal examination.  Demonstrate how to properly prepare a fecal smear.  Demonstrate how to properly set up a fecal floatation.  Demonstrate how to properly prepare a blood sample.  Demonstrate how to properly prepare a usable blood smear.  Demonstrate how to properly stain a blood smear using Wright’s strain.  Demonstrate how to proper complete CBC.  Demonstrate how to properly complete a blood chemistry sample using in-house analyzers.  Demonstrate how to properly use assorted serologic testing kits.  Demonstrate how to properly collect a voided urine sample.  Demonstrate how to properly conduct a gross urine examination.  Demonstrate how to properly determine urine specific gravity.  Demonstrate how to properly understand and conduct urine chemistries using test strips.  Demonstrate how to properly prepare urine sediment for microscopic examination.  Demonstrate how to properly collect a sample for culture and sensitivity.  Demonstrate how to properly prepare a gram stain smear.  Demonstrate how to properly set up equipment and materials for a veterinary necropsy. | Anticoagulant  Blood Chemistry Analyzer  Blood Plasma  Blood Serum  Blood Smear  Budding Yeast  Buffy Coat  Capillary Action  Catheterized  Centrifuge  Centrifuge Tube  Chem. Strip  Cocci  Commercial Serologic Test Kit  Complete Blood Count (CBC)  Conical  Coplin Jar  Coverslip  Culture and Sensitivity (C/S)  Cystocentesis  Decant  Diaphram Mechanism  Dip Sticks  Electrolytes  Erythrocytes  Eye Piece  Feathered Edge  Fecal Floation  Fecal Sample  Fecal Smear  Flocculent  Focus Knob  Formalin  Gram Negative  Gram Positive  Gram Stain  Gross Examination  Hematocrit  Hematology  Hemolysis  In-House Testing  Lens Objective  Medium  Microhematocrit  Microhematocrit Tube  Midstream  Morphology  Necropsy  Oil Immersion  Packed Cell Volume (PCV)  Panel  Plasma Protein  Reagent  Regent Strips  Reference Lab  Refractometer  Rods  Rotors  SNAP Test  Specific Gravity (SG)  Stage  Total Protein (TP)  Urinalysis  Vacutainer Tube  Voided  Whole Blood | 2 Weeks |
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| **Veterinary Science** | | | | |
| **Units** | | **Objectives** | **Vocabulary** | **Pacing** |
|  | **Chapter 50**  **Pharmacy Procedures** | Explain how to interpret a prescription.  Explain how to read labels correctly.  Demonstrate how properly label a dispensing container.  Calculate the proper quantity of medication to dispense.  Demonstrate how to properly use a pill counting tray to count medication.  Explain how to process a log controlled substance according to DEA regulations.  Demonstrate how to administer oral medications to a patient.  Demonstrate how to administer typical medications to a patient.  Demonstrate how to properly store medications in the pharmacy according to manufacturer labels.  Discuss the importance of accuracy with pharmacy skills. | Aural  Balling gun  Controlled Substance  Controlled Substance License  Controlled Substance Log  Dram  Drug Enforcement Agency (DEA)  Ear Mites  Efficacy  Hematoma  Over-The-Counter Drugs (OTC)  Pet Piller  Pharmacy  Pill Counting Tray  Pinna  Prescription (Rx)  Prescription Drug  Prescription Label  Scheduled Drug  Topical  Tragus | 1 ½ Weeks |
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