

## VT 229 - Sophomore Clinical Externship

### Required Task Completion List

MANOR COLLEGE  
700 FOX CHASE ROAD  
JENKINTOWN, PENNSYLVANIA 19046  
(215) 885-2360

**Student's Name:** \_\_\_\_\_

**Name of Externship Site:** \_\_\_\_\_

**Name of Primary Supervisor:** \_\_\_\_\_

**Names of Other Supervisors:** \_\_\_\_\_

*(Site supervisors are to ensure completion of the following tasks and to sign off on each task when completed)*

Task	Supervisor Sign-Off	
	Rotation 1	Rotation 2
<b><i>PHARMACY and PHARMACOLOGY</i></b>		
Labels and packages dispensed drugs		
Prepares medications and reconstitute vaccines		
Uses and explains appropriate routes and methods of drug and vaccine administration		
<b><i>EXAMINATION ROOM PROCEDURES</i></b>		
Determines and knows normal values of temperature, pulse, and respiration for dog, cat, and/or horse		
Auscults heart and lungs using a stethoscope		
Reconstitutes and administers immunizations		
Performs client education under supervision		
<b><i>RESTRAINT</i></b>		
Restrains patients for examination and treatments		
Places in and removes small animals from cages or halters, ties and leads horses in and out of stall.		

Applies muzzle to small animals or applies twitch to horses		
<b><i>SURGICAL ASSISTING and PREPARATION</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
<b>Acts as surgical assistant during <u>at least one</u> surgical procedure</b>		
Properly applies cap and mask, scrubs hands & arms and gowns.		
Properly passes instruments and supplies		
Maintains proper operating room conduct and asepsis		
Assists with care of exposed tissues and organs		
Keeps operative records		
Operates/maintains suction and cautery machines		
<b>Performs (several times) as circulating nurse under immediate supervision</b>		
Clips, vacuums and scrubs patient		
Positions patients and performs final scrub		
Provides operating room sanitation and care		
Cleans surgical instruments and prepares surgical packs		
Autoclaves packs, gowns and individual instruments		
<b><i>ADMINISTERS ANESTHESIA AND PAIN MANAGEMENT</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
<b>Administers anesthesia under immediate supervision</b>		
Performs preoperative physical examination and reviews preoperative hematologic and clinical chemistry test results		
Weighs patient		
Calculates and administers preoperative medications		
Calculates general anesthesia dosages, flow rates, etc.		
Calculates dosages of reversal agents, analgesics and emergency drugs		
Examines functionality of anesthesia machine and checks for leaks or malfunctioning parts.		
Selects appropriately sized re-breathing bag and endotracheal tubes		

Places IV catheter and administers IV anesthetics for intubation		
Places endotracheal tube		
Properly operates anesthetic machines		
Administers inhalant anesthetics (isoflurane, sevoflurane)		
Completes anesthesia monitoring form		
<b><i>MONITORS ANESTHESIA AND PATIENT RESPONSES</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Uses esophageal stethoscope or other intra-operative monitoring devices		
Monitors and recognizes planes of anesthesia		
Calculates and administers anesthetic antagonists		
Monitors anesthetic recovery and provides postoperative care		
<b><i>POST-SURGICAL CLEAN-UP</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Performs post-surgical clean-up		
a. Equipment		
b. Surgical room or area		
c. Instruments		
d. Patient		
e. Personnel		
f. Proper disposal of hazardous medical waste		
Removes Sutures		
<b><i>ANIMAL NURSING</i></b>		
Performs venipuncture for treatment or blood sampling		
a. Cephalic (dog, cat)		
b. Jugular (dog, cat or horse)		
Administers parenteral injections		

a. Subcutaneous		
b. Intramuscular		
Places intravenous catheters		
a. Cephalic vein (small animals)		
b. Jugular vein (small animal or horse)		
Maintains fluid therapy (maintaining catheter placement, determining and maintaining correct rate)		
Medicates orally by means of:		
a. Hand pilling (dog, cat)		
b. Dose syringe (horse)		
Applies and removes bandages		
Performs small animal dental prophylaxis (manually and with use of ultra-sonic scaler)		
Provides routine record-keeping of patient observation, treatments administered and care provided of hospitalized patients		
Applies equine leg and tail wraps		
Cleans and medicates ears (dog, cat)		
Collects urine samples		
a. Collect voided urine sample (small animal)		
b. Perform cystocentesis (small animal)		
c. Catheterize large animals		
Performs and examines skin scrapings		
Applies topical medication to eye		
Performs and examines skin scrapings		
Applies ophthalmic medication to eye		
Administers physical therapy (hydrotherapy, post-operative, orthopedic, neurological)		

Provides care of recumbent patient		
Cleans and preps wounds or abscesses		
Prepares mare for vaginal examination and cervical culture		
Administers physical therapy (hydrotherapy, post-operative, orthopedic, neurological)		
<b><i>KENNEL AND GROOMING</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Performs therapeutic bathing and basic grooming		
Prepares feed and prescription diets		
Cleans and disinfects cages, kennels and stalls		
Trims nails (dogs, cats, and birds)		
Cleans sheath (horse)		
<b><i>LABORATORY PROCEDURES</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Performs urinalysis		
a. Specific gravity with refractometer		
b. Tests chemical properties using dipstick and/or tablet tests		
Performs hematologic evaluations		
a. Performs PCV		
b. Estimates total protein (refractometer)		
c. Identifies blood parasites such as Heartworm		
d. Uses automated hematology equipment		
Collect and examine serum or plasma sample		
a. Performs tests using ELISA methodology and SNAP tests		
b. Performs automated chemistry analyzer equipment		
Performs fecal analysis		
a. Identifies common adult parasites, their ova, and apply knowledge of common parasite life cycles		

Performs DTM culture		
Assists/observes necropsy procedures		
Prepares laboratory samples for shipment		
<b><i>RADIOLOGY AND ULTRASOUND IMAGING</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Implements and follows recommended safety measures		
Uses technique charts		
Positions animal patients		
Takes diagnostic radiographs		
Processes diagnostic radiographs		
<b><i>LABORATORY ANIMAL PROCEDURES</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
Rodents and rabbits		
a. Recognizes and identifies various breeds		
b. Properly restrains rodents and rabbits		
c. Determines sex		
d. Performs basic care procedures, e.g., feeding, watering, breeding, identification and handling		
e. Administers drugs or medications using appropriate sites and routes		
f. Collects blood sample		
g. Performs oral dosing (intubation, blunt needle, stomach tube)		
h. Performs necropsy and collects specimens		
i. Clips teeth of rabbits and guinea pigs		
<b><i>AVIAN, EXOTIC AND FISH PROCEDURES</i></b>	<b>Rotation 1</b>	<b>Rotation 2</b>
a. Recognizes various avian/exotic species and restrains caged birds, reptiles, amphibians and ferrets		
b. Performs basic animal care procedures (e.g., feeding, watering, breeding, identification, caging, and aquarium		

care)		
c. Administers or injects drugs using appropriate sites and routes for each species		
d. Collects blood, urine, and feces for diagnostic testing. bodily		
e. Performs sterile swab of cloaca for culture/examination		