

Vetcision Nursing Program-Beta

Vetcision is pleased to announce a new service offered for all general practices. As a Level One Trauma Center and 24-hour referral hospital, we are staffed around the clock by qualified nurses and veterinarians delivering the highest standard of care. We would like to invite you to take advantage of our facilities by sending your recovering and critical animals to our facility for nursing care when your hospital is closed. Our nurses will monitor and treat your patients with the care and compassion you provide at your own facility according to **YOUR** treatment directions; the patient will then return to your hospital the next morning. You can arrange for your clients to bring their pets to us at your closing time, and pick them up in the morning. We can also arrange transportation for your patient to be brought to Vetcision and returned to your hospital the next morning.

Veterinarian's Availability and Responsibility

The referring doctor is in charge of the case, and must be available by phone for the entire duration of the patients stay at Vetcision. This is in case we need to contact the referring veterinarian if there are any changes in the pet's condition and the treatment plan needs to be modified.

A same day SOAP must accompany each patient arriving for nursing care. Patients admitted for nursing care will **not** be examined by a Vetcision doctor. The pet will remain the referring doctor's patient while utilizing our 24/7 fully staffed and equipped ICU. When transferring a patient to our hospital, the information passed from the referring doctor to Vetcision should be handled in the same manner as end-of-day rounds. Pertinent information should be faxed, emailed or called in prior to the patient arriving. Upon arrival of the expected patient, our nurses will take the patient immediately to the ICU and start with the nursing care according to your orders without further delay. Regardless of how busy our emergency department is, your client will not have to wait, and can leave upon signing the consent forms.

It is very important that the referring doctor is always available by phone. **Should we not be able to contact the referring veterinarian in a reasonable period of time (2 phone call attempts within a 15 minute period or immediately in a life threatening situation), the doctor on duty at Vetcision will take charge of the patient.** The pet will become a patient of Vetcision with the regular emergency and exam fee charged to the client. This is necessary to maintain optimal care for the patient.

Fluid Therapy

If the animal is on IV fluids at the time of transportation, you may send their fluids along with the patient either separately with the line capped (fresh needle) with any required extension sets, or attached to the catheter and clamped off with the line secured to prevent inadvertently pulling out of the catheter during transport. Please be sure to write all additives on the back of the fluid bag with permanent marker or a self adhesive label as well as the patient's name, date of starting the bag and fluid rate. This information should also be on the Treatment Sheet. If the animal requires additional fluid bags overnight and they are not provided, or if the IV fluid bag is older than 3 days, Vetcision will supply fluids and additives at the expense of the owner. Please anticipate the amount of required materials to be sent over with the patient.

Catheters

Animals should arrive at the hospital with an IV catheter placed and patent to avoid additional costs. There must be two accessible ports, the Catheter port as well as a T-Set with extension for Fluid therapy. The T-set should be taped to the catheter wrap for secure transport and clamped off to preserve patency (alternatively we can place a T-set for an additional fee). The catheter must be less than 3 days old and patent with out inflicting a pain response upon flushing with saline or it will be replaced at Vetcision at the expense of the owner.

Catheters must be taped in securely and bandaged for transport:

- Tape on the first holding the catheter in place but allowing access to change the T-connector if necessary.
- An anchor piece of tape should be wrapped around the T-set, in a criss-cross fashion securing the T-connector Rubber hub to the catheter itself.
- Vet wrap should be wrapped over the catheter and T-set for Transport and an E-collar should be considered to protect the catheter.

Medications

If you want to provide your own medications to treat your patient, they must be properly labeled. All medications should either be sent in their original bottles or as a prescription would be dispensed to the owner. Vetcision can provide any routine medications as priced below. Controlled drugs, labeled and dosed, may be sent in a sealed envelope or bag at the discretion of the attending Veterinarian. Vetcision carries most narcotics from schedule II down.

Pain Management

The comfort of your patient is of the highest priority at Vetcision. We realize that it may be challenging to accurately diagnose and score pain in the individual animal. Our trained nurses are following the Colorado State University canine and feline pain scale guidelines as recommended by The International Veterinary Academy of Pain Management (IVAPM) which is based on behavioral/interactive and psychological observation, response to palpation and body tension.

Pain Scores (0-4/4) will be obtained on patients at appropriate intervals according to your orders, or at least every 4 hour according to Vetcision's standard procedures. Please provide complete analgesia orders including a rescue analgesia plan (e.g. repeated dosing orders if pain scores increase or titration guidance for CRI pain management). **You will be called if the pet reaches a pain score of greater than 1/4** unless you provide a rescue analgesia plan. Please see our website Nursing Care page <http://www.vetcision.com/forvets/PAGES/FORVETS/SERVICES/nursing.html> for a description of an acute pain scale.

Mild to moderate pain:

Buprenorphine IV/IM/Transmucosal q 6-12hrs PRN (dogs: 0.01-0.03mg/kg, cats: 0.02mg/kg-0.04mg/kg, lagomorphs 0.05-0.1mg/kg)

Moderate - severe pain:

Opioids may be titrated to effect according to your dosing orders

Fentanyl CRI (and for some instances intermittent bolus), Morphine intermittent or CRI, Hydromorphone intermittent or CRI

In combination with opioids we also offer Ketamine microdosing CRI, Lidocaine CRI (dogs only), microdose Dex-medetomidine CRI

Please consult with Vetcision doctors about appropriate options for your individual patient or go to www.vasg.com for guidance and dosing calculators.

Animal Care / Treatment Sheets

Animals will be admitted to Vetcision's ICU as **YOUR** overnight patients while your hospital is closed. Our nurses will provide care to your patients according to your orders and Vetcision doctors will be available should the need arise. In this packet you will find copies of our standard treatment sheets. More pre-filled out treatment sheets can be found on our website for common conditions <http://www.vetcision.com/forvets/PAGES/FORVETS/SERVICES/nursing.html> .

Please fill out the sheets with the medications and treatments your patient will require, as well as times to administer treatments. To prevent any miscommunications, please feel free to FAX or email the Treatment Sheets to Vetcision and go over the plan with one of our nurses by phone. Our standard treatments (TPR's, quantifying fluids q 4hrs, walks etc) have been filled out for you already. Please be sure to indicate if these should be changed for any reason. Every treatment sheet should include:

- **Current (same day) weight in Kg**
- **Catheter size, location and date of placement**
- **Owner's first and last name**
- **Owner's emergency phone numbers and contact information**
- **Pet's name and signalment**

- **Working diagnosis and problem list**
- **Referring hospital**
- **Attending doctor's name and ***emergency contact information*****
- **Code Status (DNR/RED, CLOSED/YELLOW for closed chest resuscitation, GREEN/OPEN for open chest resuscitation),**
- **IV fluid type and additives if applicable**
- **Catheter only patients should have flushs every 4 hours**
- **Cage alerts (i.e. cage or food aggressive; caution; seizure watch; fentanyl patch; allergies)**
- **All medications need to be listed by generic drug name and strength with both mg and volume amounts for each dose.** For added patient safety our nurses will double check all drug calculations and call you with any questions.
- List contact parameters (trigger points for when the doctor is to be called).**

See the attached Vetcision Panic Parameters.

Vetcision Panic Parameters

Lab Values: I-Stat with spun PCV/TS

K	Cat	< 2.8 or	> 4.5
	Dog	< 3.3 or	> 5.5
iCa	Cat	< 0.8 or	> 1.35
	Dog	< 0.9 or	> 1.4
BG	Cat	< 60 or	> 250
	Dog	< 60 or	> 200
HCT/	Cat	< 24 or	> 40 or PCV < 25 or > 50
PCV	Dog	< 35 or	> 50 or PCV < 30 or > 58
TS	Cat	< 4.5 or	> 8
	Dog	< 4.5 or	> 7.5

*any drop in PCV/TS of > 20%

Monitoring:

HR	Cat	< 140 or	> 220 bpm
	Dog (small)	> 180 or	< 80 bpm
	Dog (large)	> 140 or	< 60 bpm

*any abnormal rhythm regardless of rate or any pulse deficit

RR	Cat	panting or	> 60 bpm
	Dog	> 60 bpm	

*any patient with increased respiratory effort regardless of rate or abdominal component

T < 98.4 or > 103.5

BP	Systolic	Cat < 90 mmHg	> 200 mmHg
		Dog < 90 mmHg	> 160 mmHg

Weight:

Any change < or > 10% from the admitting weight

Mentation:

stuporous, obtunded or comatose

****ALL VALUES SHOULD BE INTERPRETED BASED ON PATIENT'S CLINICAL CONDITION***

Price List

The cost for an overnight shift (~12 hrs) hospitalization and nursing care is \$195.00. This includes IV fluid pump, monitoring with TPR up to every 4 hours and medication administration. We can administer medication you send with the patient or we can charge for medication we administer from Vetcision.

Below are additional diagnostic and treatment options, which may be ordered during your patients' hospitalization at Vetcision. Please let us know if you require any other services or medications not listed below and call Vetcision for pricing.

Blood pressure each	\$ 35
Blood pressure per shift	\$ 75
ECG each	\$ 32
ECG Telemetry per shift	\$ 95
Pulse Oximetry each	\$ 33
Pulse Oximetry per shift	\$ 65
Urine Closed Collection per shift (catheter already placed)	\$ 26
Feeding Tube Management per shift	\$ 26
Oxygen- first hour	\$ 46
Oxygen additional hour	\$ 15
Oxygen cage or Nasal O2 per shift including O2	\$ 200
IV Catheter Peripheral	\$ 78
IV Administration Set	\$ 29
IV extension set	\$ 3
IV Catheter T-Set Connector	\$ 8
IV Fluid First Bag (LRS, 0.9% NaCl, 0.45% NaCl, 0.45% NaCl with 2.5% Dextrose, D5W) any size bag	\$ 29
IV Fluid each additional bag	\$ 17
Hetastarch 6% 500ml bag	\$ 85
Blood Electrolytes	\$ 45
I-stat EC8+ (Hct, Hgb, BUN, Glu, Cl, Na, K, pH, PCO2, HCO3, TCO2, Anion Gap, Base Excess) incl. PCV/TS	\$ 65
I-stat Chem8 (Hct, Hgb, BUN, Crea, iCa, Glu, Cl, Na, K, TCO2, Anion Gap) incl. PCV/TS	\$ 65
PCV/TP	\$ 10
Blood glucose (glucometer)	\$ 15
Glucose curve per shift	\$ 100
PCV/TS/Azo /glucose (Big4)	\$ 25

PCV/TS/Azo /glucose/lactate (Big5)	\$ 38
Lactate	\$ 20
Lactate serial per shift	\$ 48
CBC STAT	\$ 65
Chemistry STAT	\$ 135
Urine spec. Gravity	\$ 10
Urine dipstick with USPG	\$ 15
Urine analysis STAT	\$ 55
Ethylene Glycol Testing	\$ 120
Radiograph 1 view	\$ 116
Radiographs 2 views	\$ 205
Radiographs 2 views/ Met-check	\$ 292
Radiology Consultation with Specialist (written report by email)	\$ 65
Blood Typing	\$ 95
Plasma Transfusion Canine per Unit	\$ 350
Plasma Transfusion Canine per ½ Unit	\$ 200
Transfusion Administration Set with Filter included with above	NC
Narcotic Injection < 90# body weight	\$ 45
Narcotic Injection > 90# body weight	\$ 55
Buprenorphine oral per dose 0.5mg/ml < 20 # body weight	\$ 5.35
CRI Pain Management per shift (Fentanyl or other opiates+/- Ketamine, Dexdormitor, Lidocaine), including IVF bag and administration set per bag	\$ 142
Metoclopramide added to CRI	\$ 24
Cerenia or Anzemet injection < 90 LBS	\$ 38
Cerenia or Anzemet injection > 90 LBS	\$ 48
Meloxicam (Metacam 5mg/ml) injection < 90 lbs	\$ 45
Meloxicam (Metacam 5mg/ml) injection < 90 lbs	\$ 55
IV Antibiotic Injections per shift < 90 lbs, depending on AB, body weight, interval (eg Cefazolin or Ampicillin BID/TID/QID, Baytril BID/SID)	\$ 33-99
IV Antibiotic Injections per shift > 90 lbs	\$ 43- 129
Insulin Injection (regular, Glargine (Lantus), Humulin N,...)	\$ 33

Treatment Sheet

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Code (circle) : DNR/red open/green closed/yellow

Animal's name: _____, gender: _____, DOB/age: _____, Species/breed: _____

RDVM: _____ phone office: _____/emergency: _____

Owner: _____ phone home: _____/cell: _____

Working Diagnosis: _____/ **Problem List:** _____

Catheter type: _____, Size: ____ G, Date placed: _____, location _____

Fluid type: _____ Rate: _____ ml/hr , Additives: _____

Diet (type/amount/ Owner's food etc): _____

Special notes _____

Treatments	12 pm	1p	2p	3p	4p	5p	6p	7p	8p	9p	10p	11p	12 am	1a	2a	3a	4a	5a	6a	7a	8a	9a	10a	11a	
Temp q __ hrs, notify Dr if <100 or > 103.5																									
HR q __ hrs, notify Dr if <__ or > __																									
RR, RE q __ hrs notify Dr if RE up or if RR <__ or > __																									
IVF @ __ml/hrs, quant q 4hrs																									
Walk q __hrs, note elimination, notify if no urine q __hrs																									
Vomit, diarrhea notify if																									
H2O _____ Food _____																									

