



Veterinary Hospital



# 2021 rDVM FALL REPORT



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Dear Colleagues,

It has been quite an experience since I joined the Purdue College of Veterinary Medicine as the Hospital Director in February of 2020. The global pandemic has affected us all as we have navigated pandemic protocols, supported our teams through COVID related impacts, and provided care to an increased number of patients. I want to thank you for all you have done for the animals in your care, and for trusting Purdue Veterinary Hospital with your referrals. I recognize that it has at times been frustrating due to the increased demands on your time, as well as the expanded wait times your clients have experienced when contacting us for appointments. Like each of your practices, we are triaging appointments, working diligently to serve you and your clients, and to provide the best patient care, student education, house officer training, and client service.

The pandemic has led to innovations. It has also shone a bright light on areas for improvement. We are working to implement new programs alongside strengthening our foundation, so that we can bring our very best to you, your clients, and the patients in our care.

This annual resource provides information about our clinical services, and shares new developments at the Veterinary Hospital. We are dedicated to strengthening and growing our relationship with you and your clinic, and your feedback and suggestions are always welcome.

Recent highlights to share:

- The David and Bonnie Brunner Purdue Veterinary Medical Hospital Complex is opening spring of 2022. This complex will expand capacity of our specialty services, and feature separate Equine and Farm Animal hospitals.
- The University will dedicate the new David and Bonnie Brunner Purdue Veterinary Medical Hospital Complex on April 8, 2022.
- The hospital has added several clinicians across these services: cardiology, large and small animal emergency medicine, large animal surgery, and internal medicine. Many new staff positions have been added across the hospital to support patient care and effective hospital operations and a new hospital administrator was hired in September.
- The Purdue University College of Veterinary Medicine, in support of the Indiana equine industry, has partnered with Caesars Entertainment signaling the renaming of the college's equine hospital in Shelbyville, Ind., as the Caesars Entertainment Equine Specialty Hospital. Adding to its already innovative services, the hospital has recently installed a specialized large gantry helical CT scanning machine. An identical unit will be installed at the new David and Bonnie Brunner Equine Hospital on the West Lafayette campus.

More information on all of the Veterinary Hospital's specialty services is available by calling our referral veterinary help desk or through our website:

*Small Animal Hospital - 765-496-1107 // [vet.purdue.edu/vth/small-animal](http://vet.purdue.edu/vth/small-animal)*

*Large Animal Hospital - 765-494-8548 // [vet.purdue.edu/vth/large-animal](http://vet.purdue.edu/vth/large-animal)*

Thank you for your case referrals and overall support. Your referrals are fundamentally crucial to support the educational mandate of our college and foster the drive for our hospital to remain at the forefront of advancements in veterinary medicine. Our board-certified specialists are committed to providing the highest level of patient care, client service, and communication. I sincerely appreciate your patience and flexibility as we strive for continuous improvement in our services.

All the best,

Ellen I. Lowery, DVM, PhD, MBA  
Hospital Director and Clinical Professor



**DAVID AND BONNIE BRUNNER  
PURDUE VETERINARY MEDICAL HOSPITAL COMPLEX**

**PURDUE  
UNIVERSITY**

**Meet Our New Clinicians and Hospital Administrator**


**Erica Childress, DVM**  
***Small Animal Emergency Veterinarian, Lead***

Dr. Erica Childress got her Bachelor of Science degree in Animal Science from Purdue University in 2004. She then went on to attend veterinary school at Purdue School of Veterinary Medicine, and graduated with her Doctor of Veterinary Medicine degree in 2008. She then joined a mixed animal practice in Russiaville, IN where she enjoyed practicing for 8 years. During this time, she also started working occasional nights and weekends in the emergency room at Purdue. In 2017, she relocated to the Lafayette area where she worked at a local small animal general practice until 2021. In September, she made the transition to working in the ER full time and is enjoying the challenges that come daily in a busy emergency clinic.



**Sarah Gray, DVM, MS, DACVS**  
***Large Animal Surgery Clinician***

Dr. Sarah Gray is a 2015 DVM graduate from Iowa State University. Originally from North Dakota, she did both her undergraduate and veterinary school in Iowa. Following graduation from veterinary school, she completed a private practice internship outside of San Antonio, Texas at Retama Equine Hospital, a busy primary care and referral practice. After completion of her first internship, she completed a Large Animal Surgery and Sports Medicine internship at the Cummings School of Veterinary Medicine at Tufts University in Massachusetts. Dr. Gray then proceeded to the University of Illinois where she completed an equine surgery residency. During her residency, her research focused on novel surgical techniques for the equine airway. Following the end of her residency in July 2020, Dr. Gray was a clinical instructor for one year at the Virginia-Maryland College of Veterinary Medicine prior to joining the staff here at Purdue. Dr. Gray is board certified with the American College of Veterinary Surgeons.

Her professional interests include upper airway surgery, arthroscopy, and management of equine colic.

In her spare time, Dr. Gray enjoys spending time outdoors tending her flower garden, hiking, skiing, and playing tennis.



**Andrew Hubner, DVM, PhD, DACVP (Dairy)**  
***Clinical Assistant Professor, Farm Animal Field Services***

Dr. Andy Hubner grew up in central Illinois on a beef cow/calf and grain farm. Growing up with cattle was the stimulus for his interest in pursuing his education focused on the bovine species. His undergraduate studies were focused on beef cattle management and he obtained an Animal Science degree from Illinois State University.

He graduated from the University of Illinois College of Veterinary Medicine in 2005 and spent the next 13 years in private practice in Southern Wisconsin/Northern Illinois. His time in private practice was primarily focused on beef and dairy cows working with farms ranging from 30 to 3,000 cows. In 2015 he left private practice to

	<p>complete a PhD studying the interaction between metabolism and reproduction in dairy cows. He is board certified with the American Board of Veterinary Practitioners (ABVP) specializing in Dairy Practice. Dr. Hubner accepted a position as Assistant Clinical Professor at Purdue University in the fall of 2021 in the Department of Veterinary Clinical Sciences.</p>
	<p><b>Roman Husnik, MVDr, PhD, DACVIM (SAIM)</b>  <b><i>Visiting Assistant Professor, Small Animal Internal Medicine</i></b></p> <p>Dr. Roman Husnik was appointed as visiting assistant professor of small animal internal medicine in the Department of Veterinary Clinical Sciences effective January 4. Dr. Husnik earned his MVDr (DVM equivalent) degree in 1999 followed by a PhD in 2006 from the University of Veterinary and Pharmaceutical Sciences in the Czech Republic. He went on to complete a residency program in 2015 and post-doctoral research fellowship in 2017 at Louisiana State University. Dr. Husnik is a diplomate of the American College of Veterinary Internal Medicine with a specialty in small animal internal medicine. His areas of interest include small animal gastroenterology and endoscopy.</p>
	<p><b>Javier Martinez Lopez, MVZ</b>  <b><i>Equine Surgeon, Caesars Entertainment Equine Specialty Hospital</i></b></p> <p>Dr. Javier Martinez joined the Caesars Entertainment Equine Specialty Hospital as an equine surgeon this year. Dr. Martinez earned a MVZ (DVM equivalent) in 2013 from the Universidad de Guadalajara in Mexico. He worked as an associate veterinarian at an animal hospital in Mexico before completing an equine surgery internship at the equine specialty hospital in Shelbyville, Ind. He then went on to complete a large animal surgery residency program in 2021 at Virginia Tech Marion duPont Scott Equine Medical Center. Dr. Martinez' areas of interest include equine abdominal emergency surgery, minimally invasive surgical endoscopic techniques, and sports medicine-related surgical procedures.</p>
	<p><b>Anna Moreira, DVM</b>  <b><i>Visiting Large Animal Medicine Professor</i></b></p> <p>Dr. Ana Moreira's appointment as visiting assistant professor of large animal medicine will begin December 6, 2021. Dr. Moreira earned her Bachelor's and Master's degrees in Veterinary Medicine from the University of Porto, Portugal in 2011. She completed an equine rotating internship in Belgium and followed by a residency in large animal medicine, an appointment as clinical instructor in large animal internal medicine, and a fellowship in large animal emergency and critical care at the University of Wisconsin.</p> <p>Dr. Moreira is a diplomate of the American College of Veterinary in Internal Medicine (Large Animal Internal Medicine) and a member of the Royal College of Veterinary Surgeons. Following her experience in Wisconsin, Dr. Moreira traveled to Ireland to work as an internal medicine specialist in private practice</p>

	<p><b>Katherine McGuire, DVM</b> <i>Small Animal Emergency Clinician</i></p> <p>Dr. McGuire was born in Indianapolis and earned her DVM degree from the Purdue University College of Veterinary Medicine. She worked in Indianapolis in both ER and general practice before coming back to Lafayette.</p> <p>Dr. McGuire has a cat and her hobbies include baking, crafting, and reading.</p>
	<p><b>Anna McManamey, DVM</b> <i>Assistant Clinical Professor, Cardiology</i></p> <p>Dr. Anna McManamey joined the Department of Veterinary Clinical Sciences as clinical assistant professor of cardiology August 9. Dr. McManamey earned her DVM degree from the University of Missouri-Columbia in 2016. She went on to complete a small animal medicine and surgery internship at The Ohio State University in 2017. Dr. McManamey then completed a small animal emergency and critical care specialty internship in 2018 followed by a cardiology residency program in 2021 at North Carolina State University.</p>
	<p><b>Luis Dos Santos, DVM, PhD</b> <i>Assistant Professor, Cardiology</i></p> <p>Dr. Luis Dos Santos became a member of the Department of Veterinary Clinical Sciences upon his appointment as assistant professor of cardiology July 19. Dr. Dos Santos earned a DVM degree in 2004 from the Federal University of Uberlandia in Brazil. He served as a general practice veterinarian before completing a PhD degree in 2019 from the Federal University of Sao Paulo, Brazil. Dr. Dos Santos came to the U.S. in 2017, completing a small animal rotating internship at Oregon State University followed by a cardiology residency program at Cummings School of Veterinary Medicine at Tufts University in 2021. His research interests include arrhythmia, cardiovascular diseases, hemodynamics, and nutritional supplements for cardiac diseases.</p>
	<p><b>Sarah Thomas, DVM</b> <i>Large Animal Internal Medicine Clinician</i></p> <p>Dr. Sarah Thomas grew up in Northeastern Ohio and obtained her DVM in 2015 from The Ohio State University College of Veterinary Medicine. Following graduation, she completed an internship at B.W. Furlong and Associates, a busy equine sports medicine practice in New Jersey. It was there that a love of internal medicine and critical care were recognized, and the next two years were spent completing a rotating internship and internal medicine fellowship at Rood &amp; Riddle Equine Hospital in Lexington, Kentucky. Following this time in Lexington, she relocated to Texas A &amp; M College of Veterinary Medicine and Biomedical Sciences for a large animal internal medicine residency, which finished in the summer of 2021.</p>

	<p>Dr. Thomas co-leads the large animal after-hours service with surgeon, Dr. Sarah Gray. She looks forward to working with both students and residents in the evaluation and management of large animal emergent and critical care cases.</p>
	<p><b>Dr. Michelle Tucker, DVM, DACVS-LA</b> <i>Large Animal Surgeon</i></p> <p>Dr. Tucker is originally from Lexington, KY and grew up on a small farm prior to attending veterinary school at Texas A&amp;M University. She completed equine internships at Equine Medical Associates, Inc in Edmond, Oklahoma and then at Kansas State University. From there, she went on to a large animal surgical residency at the Western College of Veterinary Medicine in Saskatchewan. She is currently completing a Ph.D. studying the effects of laryngeal hemiplegia and surgery on the airway mechanics in horses.</p> <p>She enjoys treating a variety of large animal species with special attention to horses and small ruminants. She maintains a passion for the equine and agricultural industries.</p> <p>Dr. Tucker's research interests include upper airway surgery, biomechanics, and three-dimensional technologies. Her current research involves examining how the three-dimensional geometry of the horse's upper airway contributes to airflow resistance. She hopes to continue this and to expand the application of new technologies such as three-dimensional analysis, computations and printing to clinical applications for veterinary patients.</p>



**Donald J. Woodyard (Joey)**  
*Hospital Administrator*

Donald “Joey” Woodyard is a native of North Carolina, where, after graduating from the University of North Carolina at Chapel Hill, he served on the faculty and as the director of assessment for the UNC School of Medicine.

During his time at UNC, Joey focused his academic career on interprofessional education and helped develop the platform for team training in healthcare across the health affairs campus and UNC Healthcare. He relocated to the Midwest to serve as the vice chair for clinical and academic administration for the Indiana University School of Medicine and IU Health Department of Emergency Medicine. During his tenure with IU Health, Joey helped expand the academic department into ten different hospital sites across three systems throughout the state of Indiana seeing over 450,000 patients annually. He also served IU as an associate director for the Center for Interprofessional Education where he helped develop the curricular framework now used across the state for IPE experiences, including here at Purdue. Joey’s specialties include collaborative practice, patient safety, interprofessional teamwork, and operations efficiency.

Joey resides in Lafayette with his wife Jamie, a Purdue graduate and assistant professor in the Purdue University College of Pharmacy, their new daughter, Charlotte, and their dog Charley.

**Purdue Veterinary Hospital Holiday Schedule - 2021**

UH - University Holiday

EOR means emergencies only for sections receiving patients

RC - reduced caseload, at clinician's preference

EO - emergencies only for all sections, like on university holidays and weekends

NS - normal schedule

All Fridays are scheduled as RC with many sections treating them as EOR days

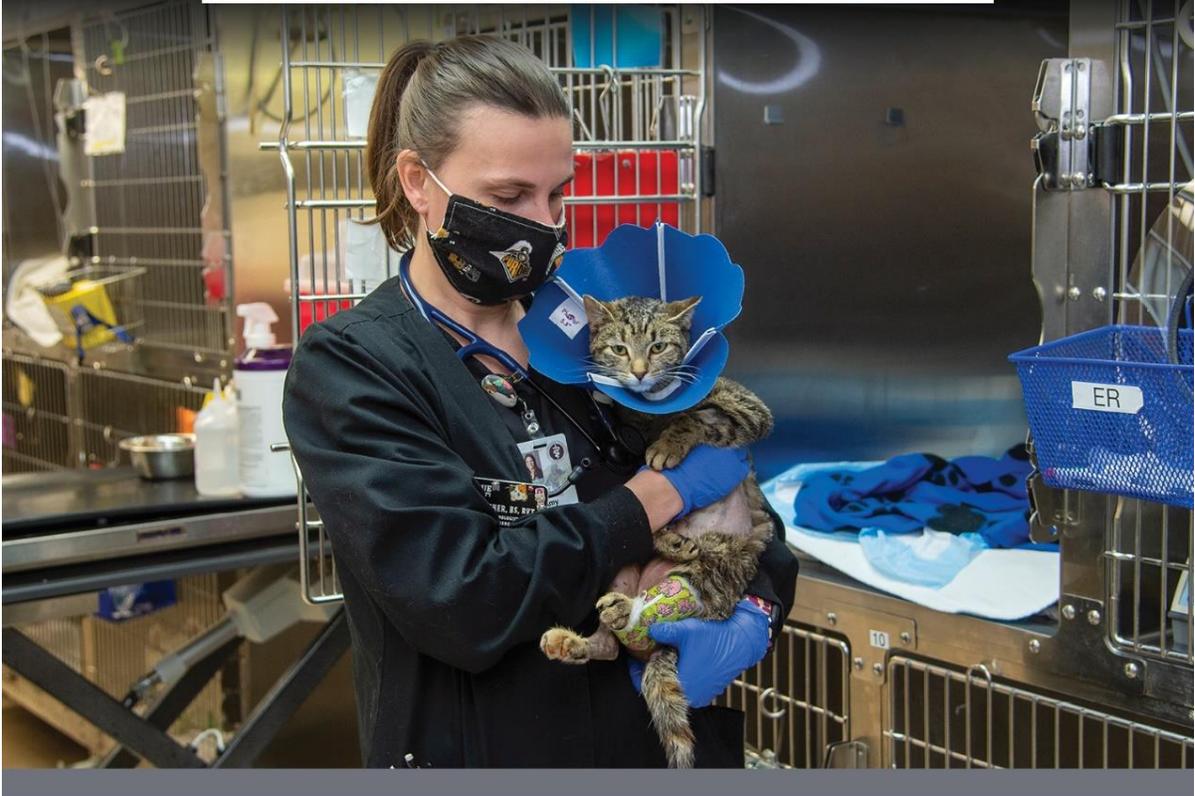
Please understand that EOR means Emergencies Only for only those clinicians receiving cases that day. The technicians, staff, and clinicians that are on clinics but not receiving that day will need to understand that hospitalized cases will need to continue to have any workup or procedures done that cannot be put off along with any new emergencies that come in despite it being an EOR day.

<b>THANKSGIVING</b>	<b>WEDNESDAY, NOVEMBER 24, 2021</b>	<b>RC</b>
	Thursday, November 25, 2021	UH - EO
	Friday, November 26, 2021	UH - EO
	Saturday, November 27, 2021	EO
	Sunday, November 28, 2021	EO
<b>CHRISTMAS</b>	Wednesday, December 22, 2021	RC
	Thursday, December 23, 2021	UH - EO
	Friday, December 24, 2021	UH - EO
	Saturday, December 25, 2021	EO
	Sunday, December 26, 2021	EO
	Monday, December 27, 2021	RC
	Tuesday, December 28, 2021	RC
	Wednesday, December 29, 2021	RC
	Thursday, December 30, 2021	UH - EO
	Friday, December 31, 2021	UH - EO
	Saturday, January 1, 2022	EO
	Sunday, January 2, 2022	EO

TAKE YOUR NEXT

# GIANT LEAP

AT PURDUE UNIVERSITY



## PURDUE UNIVERSITY VETERINARY HOSPITAL

Persistently providing top-quality, research-proven, compassionate animal health care to advance the health and quality of life for animals and humans.

JOIN OUR TEAM! [purdue.vet/pvmfamily](http://purdue.vet/pvmfamily)

LEARN MORE: [vthrecruiting@purdue.edu](mailto:vthrecruiting@purdue.edu)

COMING SOON!

# MOBILE CARDIOLOGY SERVICE

SERVING INDIANAPOLIS AREA



Veterinary Hospital

## MOBILE CARDIOLOGY SERVICE

The Purdue University Veterinary Hospital is happy to announce that we will restart our Mobile Cardiology Service in the Indianapolis area beginning early October 2021.

With this service, a board-certified cardiologist will visit your practice and provide:

- Cardiology consultations
- ECG recording and interpretation
- Interpretation of thoracic radiographs and blood work
- Echocardiographic examinations
- Blood pressure measurement
- Therapeutic recommendations

The listen to the recorded session, use the following URL:

[tinyurl.com/avtyv3jh](https://tinyurl.com/avtyv3jh)

QR code.

[tinyurl.com/4h59uady](https://tinyurl.com/4h59uady)



College of Veterinary Medicine  
625 Harrison Street  
West Lafayette, IN 47907-2026

## *SMALL ANIMAL SURGERY: ORTHOPEDICS UPDATE*

### TOTAL HIP REPLACEMENT

We continue to have a healthy total hip replacement caseload and would encourage you to send us dogs you think may be candidates.

### MICRO AND NANO TOTAL HIP REPLACEMENT

Hip replacement is also a very viable option for most small dogs and cats. Just like in larger dogs, hip replacement allows better range of motion, less lameness, and a higher level of activity than FHO and often without the need and expense of postoperative rehabilitation therapy. Please share this option with clients entertaining the idea of FHO. We would be happy to consult on any of your patients you think may be a candidate.

### TOTAL KNEE REPLACEMENT

We continue to offer knee replacement for dogs with severe arthritis due to cranial cruciate ligament tears or other causes, like OCD. This procedure has been very successful in our hands and we'd love to see more cases sent our way.

### TOTAL ANKLE/HOCK REPLACEMENT

We now have the ability to replace diseased hocks in large dogs. This implant works very well but requires intact collateral ligaments so shearing injuries of the hock typically mean hock replacement is not an option. This is primarily aimed at the dog with hock OCD but can be used in large dogs with arthritis for other reasons. Please let us know if you think you have a possible candidate.

### GAIT ANALYSIS

We have a gait analysis laboratory, which is equipped with traditional force platforms, pressure sensor walkway, and kinematic analysis systems. The laboratory provides objective and accurate lameness data for patient evaluation and outcomes of treatments. This technology allows us to better identify obscure causes of lameness and evaluate the treatments we provide.

### 3-D PRINTING

Thanks to the expertise of Dr. Sun Kim, we are one of the leading groups in clinical 3-D printing in veterinary medicine. Dr. Kim is able to make 3-D models of complex deformities and articular fractures based on CT scans. We can then perform computer-assisted 3-D surgical planning with virtual surgery for these challenging procedures, using 3-D printed patient-specific surgical guides, and custom, pre-shaped implants, achieve optimal outcomes.

### REFERRALS

We thank you again for sending cases our way. We try hard to promptly address consults, but please remember that we can better and more efficiently serve you and your clients and patients if we have a short but complete case summary (signalment, brief history and exam findings, diagnostics, treatments and response), radiographs (when appropriate), and what your goals and questions are.

## *NEUROLOGY/NEUROSURGERY SERVICE: CLINICAL TRIAL*

### SENSORY-ENHANCED REHABILITATION IN CANINE SPINAL CORD INJURY

We are pleased to announce ongoing enrollment in our Sensory-Enhanced Rehabilitation in Canine Spinal Cord Injury Study. The Neurology Service is actively enrolling dogs who satisfy the following inclusion criteria:

- < 25 kgs in weight
- Aged 1-10 years
- Non-ambulatory paraparetic-to-paraplegic with or without deep pain sensation with a T3-L3 neurolocalization
  - Injury can be from ANY disease process other than a spinal fracture, neoplastic process, or other disease with a poor prognosis
- Neurologic signs must be present for less than seven (7) days

The study seeks to evaluate sensory-based (tactile = astroturf; auditory = floor piano) neurorehabilitation strategies in dogs with acute spinal cord injury.

**STUDY INCENTIVES INCLUDE:** Free in-hospital rehabilitation and four (4) free recheck examinations following initial hospital discharge.

*PURDUE UNIVERSITY VETERINARY HOSPITAL*

PHYSICAL REHABILITATION SERVICE

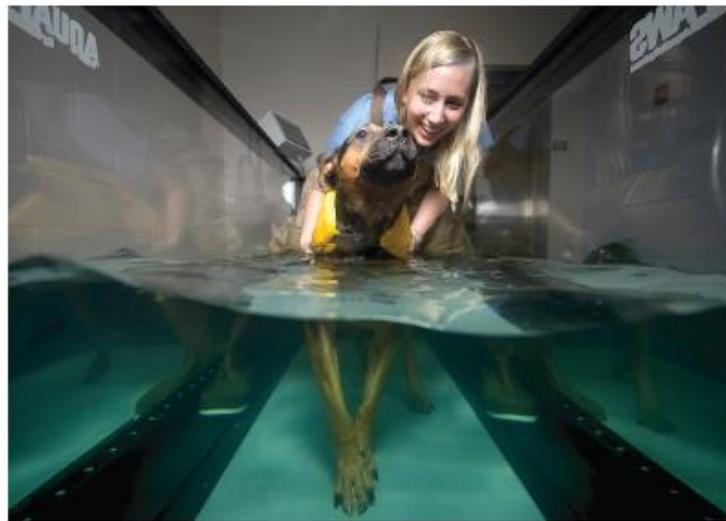
**JOIN OUR TEAM!**

PHYSICAL REHABILITATION CLINICIAN

**Take your career to new heights at Purdue University!**

Join an established veterinary team providing top-quality, compassionate health care for companion animals. The successful candidate must have a passion for teaching with a strong desire for continuing education.

The Physical Rehabilitation Service soon will be moving into the Purdue University Veterinary Hospital's brand new state-of-the-art facility, allowing for an expansion of services including a new therapy pool and additional underwater treadmill to better to serve hospital clients.



**LEARN MORE:** [purdue.vet/pvmfamily](http://purdue.vet/pvmfamily)

The Purdue University Veterinary Hospital Physical Rehabilitation Service is led by Stephanie Thomovsky, DVM, MS, DACVIM (Neurology), CCRP, cVMA with support from neurology and physical rehabilitation veterinary nurses Jessica Bowditch, RVT, CCRP, VTS (Physical Rehabilitation) and Rachel Yoquelet, RVT, VTS (ECC).

Applying basic principles of physical therapy, the team helps patients increase function and mobility, while decreasing pain, with the ultimate goal of improving the quality of life for patients and their owners.



**CURRENT TREATMENT MODALITIES INCLUDE:**

- Acupuncture
- Balance board
- Bosu ball
- Cavaletti rails
- Dino disc
- Electrical stimulation
- Extracorporeal shockwave
- Laser therapy
- Physioballs
- Pulsed electromagnetic field therapy
- Underwater treadmill

**INTERNS/WASSON PHARM RESIDENT AND SPECIALITY INTERNS**



**Dr. Ahmed Almomany**  
CAESAR Equine Intern



**Dr. Maxime Derre'**  
Small Animal Internal  
Medicine Intern



**Dr. Laura Edwards**  
Small Animal Rotating Intern



**Dr. Joshua Klutzke**  
Small Animal Rotating Intern



**Dr. Jessica Linder**  
Neurology Intern



**Dr. Luis Garcia**  
CAESAR Equine Intern



**Dr. Linda Mollenhauer**  
CAESAR Equine Intern



**Dr. Jordan Peiczynski**  
Small Animal Rotating Intern



**Dr. Anna Reuter**  
Cardiology Intern



**Dr. Sidney Robertson**  
Wasson Pharmacy Resident



**Dr. Michael Sliman**  
Small Animal Rotating Intern



**Dr. Emilio Valdez** Small  
Animal Rotating Intern



**Dr. Alex Viere**  
Small Animal Rotating Intern



**Dr. Conor Williams**  
Small Animal Rotating Intern

## VCS Residents (August 6, 2021)

							
Ania AGHU Emergency/Critical Care (3)	Charles ARTILES Diagnostic Imaging (2)	Janni AUVINEN LA Medicine (3)	Miriam BATES SA Surgery (2)	Tara BOOZER Diagnostic Imaging (4)	Emily BRAND Diagnostic Imaging (4)	Christy BUCKLEY Diagnostic Imaging (1)	Peter CHO Ophthalmology (1)
							
Nicole GIBBS SA Medicine (1)	Satohi HAGINOYA Emergency/Critical Care (1)	Stefanie HANSEN LA Surgery (2)	Emily HAKTMAN SA Surgery (2)	D. Heere HONNAS LA Surgery (1)	Jordan JAMES SA Surgery (1)	Eva KAO SA Medicine (1)	Ahmed KHAIRON LA Surgery (3)
							
Ellen KUERBITZ Oncology (1)	Luis LEMBCKE Oncology (3)	Brad LYTLE Cardiology (1)	Carlos MENDEZ VALENZUELA Radiation Oncology (1)	Carla MURILLO Anesthesiology (1) *started Jan.	Carla OLAVE LA Medicine (2)	Victor OPPENHEIMER SA Medicine (2)	Sara OSTENKAMP Cardiology (3)
							
Arielle OSTRAGER Neurology (2)	Jennifer PETERSON SA Surgery (3)	Ana Carolina FONSECA PINTO Diagnostic Imaging (3)	Meera RAMESH Emergency/Critical Care (3)	Abby REISING Oncology (2)	Janet ROQUE-TORRES SA Medicine (3)	Levi SMITH Ophthalmology (1)	Kate SPIES SA Surgery (1)
							
Go TOGAWA Neurology (1)	Zofia VIGH Emergency/Critical Care (1) *started Jan.	Debra YOGI LA Medicine (1)	Eshra ZAIDI Oncology (3)				

## PURDUE UNIVERSITY SMALL ANIMAL HOSPITAL ESTIMATE GUIDELINES

(UPDATED September 2021)

This is a list of our more routine procedures performed at the Purdue University Small Animal Hospital. This is not a complete list as each case may require special diagnostics and treatment. The estimates serve as a **guideline**, but **is not a guarantee** of the final cost without a direct examination of the pet at the hospital. These estimates can vary depending on the status of the animal upon arrival and barring any complications that may arise with the patient's care.

Estimates given on these services, do not include any cost for follow up care or follow up procedures unless specifically stated in the estimate.

**Any animal admitted on an emergency basis after hours OR during the day will be charged an emergency fee.**

## BEHAVIOR

PROCEDURE	COST
<b>Initial Evaluation - Dogs</b>  Eval Appointments Treatment Appointment (later visit)  <b>ALL IN ONE VISIT (OWNER MUST SPEAK TO MINDY FIRST)</b>  <b>\$50 Deposit is required when scheduling Behavior Evaluations. Must cancel with 48 hours of appointment to receive refund</b>	\$250* - 1 ½ hour evaluation \$200* - 1 hour treatment appointment  <b>Total of \$450</b>  \$468* - For traditional or emergency 2 hour session  *There could be additional costs for training book/tools, blood work, medications or in-house consultations with other departments
<b>Initial Evaluation - Cats</b>  Eval Appointments  <b>\$50 Deposit is required when scheduling Behavior Evaluations. Must cancel with 48 hours of appointment to receive refund</b>	\$340* - 1 ½ - 2 hour eval and treatment session  *There could be additional costs for training book/tools, blood work, medications or in-house consultations with other departments
<b>Follow up appointment – Dogs &amp; Cats</b> - For existing Behavior patients to continue working on specific aspect of the prescribed treatment plan	\$100 for up to one hour
<b>Recheck Appointment</b> - For Behavior patients with a NEW problem or who have not been seen for more than 6 months	\$200 - Dogs \$160 - Cats
<p>All referrals for Behavior go to Mindy, Behavioral Vet Nurse. She will reach out to the client(s) to discuss their pet’s behavioral issues. Mindy will determine after speaking with client the appointment structure (all in one visit or separate) and reach out to the Liaison or Reception team to schedule.</p> <p>Please instruct client(s) to go to Behavior’s website to fill out the appropriate questionnaire for their pet. Instruct owners to be as descriptive as possible, this will help Mindy when she calls owner(s), to know more about the case.</p> <p style="text-align: center;"><b>WEBSITE:</b> <a href="http://vet.purdue.edu/vth/behavior-medicine.php">vet.purdue.edu/vth/behavior-medicine.php</a></p>	
<p>Estimates given on the behavior service cover the visit <b>AND</b> remote communication by phone or e-mail (up to 2 months for dogs and 6 months for cats). After this period of time, the pet will need to be seen again by the behavior service (additional cost) to renew the remote communication time period.</p>	

<b>CARDIOLOGY</b>	
<b>PROCEDURE</b>	<b>COST</b>
<b>Evaluation Appointment - Consult Only</b>	\$210 (includes tech fee, NO diagnostics)
<b>Cardiac Work-up</b> Includes: - Office Visit, ECG, Blood Pressure Check, Echocardiogram - Higher range if Chest x-rays or Bloodwork is needed	\$525 - \$725
<b>Balloon Valvuloplasty</b> (SAS, Pulmonary Stenosis) 2-3 day stay	\$2,500 - \$3,500 (includes work-up, with no complications)
<b>Congestive Heart Failure</b>	<b>Outpatient Management:</b> \$750 - \$1,000 <b>Inpatient Management:</b> \$1,500 - \$2,500+ - 1-2 day stay in hospital
<b>Diagnostic Catheterization (CMA)</b>	\$800 - \$1,200
<b>Echo ONLY visit</b> (routine office visit and echo) (Must be referred by RDVM within Tippecanoe County)	~\$350 <u>Schedule with Senior Only (any open Senior slot)</u>
<b>HCM Screening</b> (Echo and office visit) <u>If owner has more than 1 cat to screen, check with liaison before scheduling (pricing will repeat after 3<sup>rd</sup> cat)</u>	<u>Breeding</u> - 1 <sup>st</sup> cat = \$302; 2 <sup>nd</sup> & 3 <sup>rd</sup> cats \$272 each <u>Non-Breeding</u> - 1 <sup>st</sup> cat = \$434; 2 <sup>nd</sup> & 3 <sup>rd</sup> cats \$404 each <u>Schedule with Senior Only (any open Senior slot)</u>
<b>Heartworm Treatment</b> <u>DOES NOT INCLUDE ANY POSSIBLE COMPLICATIONS</u>	<b>\$1,500 - \$2,000 (total treatment)</b> - \$600 - \$700 (initial visit w/diagnostics) - \$300 (first adulticide injection w/ hospital stay) - \$250 - \$350 (per each subsequent injection/stay)
<b>Heartworm Removal (Caval Syndrome)</b> <u>PLEASE CALL PRIOR TO REFERRAL</u>	\$2,500 - \$4,000 (without significant complications)

<p><b>Holter Monitor Placement</b></p> <ul style="list-style-type: none"> <li>- Holter Only – no added diagnostics</li> </ul> <p>Holter worn for 24 hours; then returned to PUVH</p> <ul style="list-style-type: none"> <li>- Return supplies provided</li> </ul>	<p><b>\$300</b> (first Holter and placement only)</p> <ul style="list-style-type: none"> <li>- <b>total visit \$1325 - \$1525 (incl. work-up + \$500 deposit)</b> <ul style="list-style-type: none"> <li>o Deposit is refunded when Holter is returned</li> </ul> </li> </ul> <p><b>\$250</b> (add'l Holter and placement only)</p> <ul style="list-style-type: none"> <li>- <b>total visit \$825+ (incl. recheck + \$500 deposit)</b> <ul style="list-style-type: none"> <li>o Deposit is refunded when Holter is returned</li> </ul> </li> </ul>
<p><b>OFA Certification</b>        (Coming in directly through Cardio – no other Breeder testing needed)        (SAS Screening is under this category)        Owner will get certificate that they can submit  <b>Don't schedule if in heat</b></p>	<p><b>\$120</b> (plus if testing is required/dog)</p> <p><b>Does not include echo - if needed additional \$224</b></p> <p><b>Schedule with Senior Only (any open Senior slot)</b></p>
<p><b>Pacemaker Implantation</b></p> <p>2-3 Day Stay</p> <p><b>Estimates will be towards higher end if coming in through Emergency or dual chamber pacing</b></p>	<p><b>Transvenous: \$3,000 - \$4,000</b>        - Includes work-up with no complications</p> <p><b>Epicardial: \$3,500 - \$5,000</b></p>
<p><b>PDA – Coil-Amplatzer device (higher end)</b></p> <p>2-3 Day Stay</p>	<p><b>Catheter Occlusion: \$2,500 - \$3,500</b>        - includes work-up, with no complications</p> <p><b>Surgical Ligation: \$3,200 - \$4,200</b>        - includes work-up, with no complications</p>

<b>DENTISTRY</b>	
<b>PROCEDURE</b>	<b>COST</b>
<p><b>Basic Cleaning with Intraoral Radiographs (Dog or Cat)</b></p> <p><u>Pre-Dental Work-up at the Primary Clinic is NOT included in the cost estimate</u></p> <p>See Pre-Anesthetic Baselines for required tests.</p>	<p>\$67 Office Visit / Consultation Only (No procedures/testing/x-rays)</p> <p>\$600 - \$650 (Includes anesthesia, cleaning, and x-rays) - Bloodwork / medications are an additional cost</p>
<p><b>Advanced Dental (Dog or Cat)</b></p> <p><u>Pre-Dental Work-up at the Primary Clinic will be discussed with the RDVM by a SA Primary Care clinician</u></p> <p>See Pre-Anesthetic Baselines for required tests.</p>	<p>\$67 Office Visit / Consultation Only (No procedures/testing/x-rays)</p>
<p><b><u>Referrals for Advanced Dentals/Extractions</u></b></p> <ul style="list-style-type: none"> <li>➤ Estimates are NOT given prior to preliminary office visit           <ul style="list-style-type: none"> <li>- ALL estimates are determined on a case-by-case basis.</li> </ul> </li> <li>➤ Clients may come for the \$67 office visit / consultation</li> <li>➤ RDVM may call in and request to consult with a SA Primary Care           <ul style="list-style-type: none"> <li>- After consult, an estimate will be given to RDVM</li> </ul> </li> </ul>	

## PRE-ANESTHETIC BASELINES FOR PATIENTS REFERRED TO PURDUE

- Routine dentals for **HEALTHY ANIMALS AGE 4+** must have bloodwork done at the patient's Primary Clinic no later than **4-6 WEEKS PRIOR** to the dental appointment.
- **SICK ANIMALS**, need bloodwork done at primary clinic **WITHIN 2-3 WEEKS** of dental appointment.
- **PETS WITH A MEDICAL DISORDER** may require updated bloodwork the morning of the dental at Purdue.

<b>PETS AGE</b>	<b>TESTS NEEDED &amp; TIMELINE</b>
Puppies/Kittens, Dogs/Cats (Age 1-3)	PCV/TS, Glucose  - Done on day of appointment at Purdue
Dogs/Cats (Age 4-5)	CBC and Mini Chem Panel I (ALT, AlkPhos, GGT, creatinine, glucose)  - Done within 4-6 weeks of dental appointments
Dogs (Toy Breeds) & Cats (Age 6-7) Dogs (Large Breeds) (Age 5) Dogs (Giant Breeds) (Age 4)	CBC and Mini Chem Panel I (ALT, AlkPhos, GGT, creatinine, glucose)  - Done within 4-6 weeks of dental appointments
Dogs (Toy Breeds) & Cats (Age 8-9) Dogs (Large Breeds) (Age 7) Dogs (Giant Breeds) (Age 6)	CBC, Chem Panel II and Baseline T4 (Feline Only)  - Done within 4-6 weeks of dental appointments
Dogs (Toy Breeds) & Cats (Age 10+) Dogs (Large Breeds) (Age 9+) Dogs (Giant Breeds) (Age 8+)	CBC, UA, Chem Panel II, Baseline T4 and Chest Radiographs  - Done within 2-3 weeks of dental appointments

**DERMATOLOGY**

PROCEDURE	COST
Routine Referral Exam  Work-up  Work-up with CT	\$210 - Includes Office Visit, Admin Fee & Tech Fee - <b>NO DIAGNOSTICS</b> (see work-up)  \$300 - \$800 - Includes Referral Exam, Cytology, Cultures, Skin Scrapings, Medication(s), etc.  \$1000 - \$1600 - Includes Referral Exam, Cytology, Cultures, Skin Scrapings, Anesthesia, CT scan, Medication(s), etc.
<b>Deep Ear Cleaning (w/ video otoscopy)</b> <b>- Not done on first visit</b>	\$1000 - \$1,600 (doesn't include medications)
<b>Intradermal Skin Test</b> <b>- Not done on first visit</b>  <b>Serum Allergy Test</b> - Is included in the Intradermal Skin Test cost	\$450 - \$600 (doesn't include medications)  \$155 (for test only)

**ANY ADDITIONAL TESTS OR PROCEDURES WILL BE DISCUSSED AT THE TIME OF THE REFERRAL EXAM APPOINTMENT**

(i.e., Intradermal Skin Test, Video Otoscopy, Allergy vaccines, etc.)

**ALL dermatology patient's need to be fasted for their appointments. This is due to potential need for sedation while pet is being examined or possible bloodwork.**

**MEDICAL ONCOLOGY**

PROCEDURE	COST
<b>First Time Referral Visit – No diagnostics</b>  <b>First Time Referral Visit plus biopsy</b> - Any tumor - Biopsy <b>ONLY</b> , no add'l diagnostics (includes office visit)	\$180 (Office Visit & Admin fee)  \$600 - \$800 (biopsy w/sedation) \$800 - \$1,200 (biopsy w/general anesthesia)
<p>Prices above represent the <b>MINIMAL</b> costs that any new client should expect to pay. All other costs will be negotiated with clients at the time of their pet's initial visit.</p> <p>Therefore, all phone discussions with RDVMs or potential new clients regarding the cost of a visit should start with a discussion of these minimal costs, followed by a statement that the cost of the visit may increase to the amounts specified below based upon the consultation between the clinician and the pet owner at the time of the initial visit.</p>	
<b>Radiology Breakdown with Anesthesia:</b>  <b>CT Scan – Thorax OR Abdominal</b> <b>CT Scan – Thorax AND Abdominal</b> <b>CT Scan – Thorax AND Abdominal w/ additional site</b> <b>MRI</b>	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">           \$800 - \$950            \$950 - \$1,100            \$1,050 - \$1,200            \$900 - \$1,650         </div> <div style="font-size: 2em; margin-right: 20px;">}</div> <div>           CT scan may be recommended for thoracic and abdominal staging of any dog weighing more than 35 kg         </div> </div>
<b>Nasal Adenocarcinoma</b> (or other intranasal mass) - Possible Study available (no funding at the present time)  <b>REQUIRES CT SCAN OR MRI (+/- Rhinoscopy)</b>	\$1400 - \$1,600 (staging with CT scan, NO biopsy)  \$1,800 - \$2,200 (staging with CT scan AND biopsy)
<b>Soft Tissue Sarcoma</b> (includes Fibrosarcoma, Hemangiopericytoma, Peripheral nerve Sheath Tumor, Neurofibrosarcoma, and other Spindle Cell Sarcomas)  <b>LIKELY TO REQUIRE CT SCAN OR MRI</b>	\$1,400 - \$1,600 (staging with CT scan, NO biopsy) \$1,800 - \$2,200 (staging with CT scan AND biopsy) \$2,200 - \$2,700 (staging with MRI)
<b>Hemangiosarcoma</b>	\$1,200 - \$1,700 (staging without echocardiogram)  \$1,500 - \$2,000 (staging with echocardiogram)
<b>Leukemia Staging</b>	\$1,500 - \$2,500 - staging diagnostics and initiation of chemotherapy - no hospitalization  \$2,000 - \$3,000 - if hospitalized during initial diagnostics /chemotherapy
<b>Lymphosarcoma Staging – Multiple Studies Available</b> <b>(DOGS ONLY FOR STUDIES)</b>  <b>Note:</b>	\$1,200 - \$1,500 - staging w/lymph node biopsy (or flow cytometry/PARR)  \$1,500 - \$2,000

<p>The terms “lymphoma” and “lymphosarcoma” refer to the same cancer</p> <p><b>ASK THE SENIOR FOR WHAT IS CURRENT ON STUDIES</b></p>	<ul style="list-style-type: none"> <li>- staging with biopsy and first chemotherapy treatment</li> </ul> <p>\$2,000 - \$3,000</p> <ul style="list-style-type: none"> <li>- if hospitalized during initial diagnostics /treatment</li> </ul>
<p><b>Mast Cell Tumor Staging</b></p>	<p>\$1,200 - \$1,400</p> <ul style="list-style-type: none"> <li>- staging <b>without</b> bone marrow aspirate and fine needle aspirate of liver and spleen</li> </ul> <p>\$1,400 - \$1,600</p> <ul style="list-style-type: none"> <li>- staging <b>with</b> bone marrow aspirate and fine needle aspirate of liver and spleen</li> </ul>
<p><b>Melanoma Vaccine</b></p> <ul style="list-style-type: none"> <li>- 4 injections over 8 weeks</li> </ul>	<p>\$2,200</p>
<p><b>Oral Cancer Staging</b> (includes Oral Squamous Cell Carcinoma, Fibrosarcoma, Malignant Melanoma and Acanthomatous Ameloblastoma)</p> <p><b>REQUIRES CT SCAN</b></p>	<p>\$1,400 - \$1,600</p> <ul style="list-style-type: none"> <li>- staging with CT scan, NO biopsy</li> </ul> <p>\$1,600 - \$2,200</p> <ul style="list-style-type: none"> <li>- staging with CT scan AND biopsy</li> </ul>
<p><b>Osteosarcoma Staging</b></p>	<p>\$1,000 - \$1,400</p> <ul style="list-style-type: none"> <li>- smaller dogs</li> </ul> <p>\$1,400 - \$1,600</p> <ul style="list-style-type: none"> <li>- larger dogs (CT scan usually required)</li> </ul> <p>\$1,600 - \$2,200</p> <ul style="list-style-type: none"> <li>- staging with bone biopsy</li> </ul>
<p><b>Prostate Cancer Staging</b></p> <ul style="list-style-type: none"> <li>- Multiple Studies Available if Prostatic TCC</li> </ul>	<p>\$1,400 - \$1,800</p> <ul style="list-style-type: none"> <li>- staging includes cystoscopy and biopsy</li> </ul> <p>\$2,500-\$3,000</p> <ul style="list-style-type: none"> <li>- if surgical biopsy needed</li> </ul>
<p><b>Transitional Cell Carcinoma (TCC)</b> <b>Staging – Studies Available, variety of funding levels</b></p> <p><b>Scotty Study for Dogs 7 years and Older</b> <b>(STUDY IS CURRENTLY CLOSED)</b></p>	<p>\$1,000-\$1,200</p> <ul style="list-style-type: none"> <li>- without cystoscopy (already biopsied)</li> <li>- May need cystoscopy if they are eligible for study</li> </ul> <p>\$1,400 - \$1,800</p> <ul style="list-style-type: none"> <li>- Staging with cystoscopy</li> </ul>
<p>There is a high likelihood that all prices for TCC work-ups can be negotiated at the time of a dog’s initial visit depending upon whether or not it qualifies for a funded research study. <b>It should be emphasized that the above listed cost estimates only apply in the unusual circumstances that a dog does not qualify for ANY studies.</b></p> <p>Any questions from Referring Vets about cost estimates for an INDIVIDUAL dog can be directed to Lindsey.</p>	

<b>NEUROLOGY</b>	
<b>PROCEDURE</b>	<b>COST</b>
<b>Evaluation Appointment - Consult Only</b>	\$180 (no diagnostics)
<b>AA Luxation</b>	<b>CALL FOR ESTIMATE</b>
<b>BAER Testing</b> - Office visit (no physical exam), hearing test  <b>BAER Recheck</b> (if needed)  - Pups must be 12 weeks of age - Cats can be tested	\$120 - for up to two animals \$25 - for each additional animal  \$38  <b>The test will only specify if the animal can hear or cannot hear. It will not determine partial hearing.</b>
<b>Brain Tumor Surgery - NEUROLOGY</b>  <b>INQUIRE ABOUT POTENTIAL STUDIES WITH FINANCIAL INCENTIVES FOR OWNERS!!</b>	<b>CALL FOR ESTIMATE</b>
<b>General Work-ups</b> - Consult fee, routine lab work, chest x-rays, +/- abdominal x-rays  <b>Brain</b>  <b>Spinal</b>  <b>Neuromuscular</b>  <b>2-3 Day Stay</b> (will stay at least 1 night)	<b>** \$2,700 - \$3,200 ** if case comes in through emergency and then transfers to Neurology</b>  \$2,200 - \$2,700 - w/ MRI and CSF tap  \$2,200 - \$2,700 - w/ MRI and CSF tap  \$2,200 - \$2,700 - w/ Electrophysiology testing and muscle/nerve biopsies
<b>Intervertebral Disc Disease (IVDD) Surgery</b> Cervical, T-L, L-S  Includes work-up, anesthesia, surgery and in-house rehab  <b>3-5 Day Stay</b>	\$4,000 - \$6,000 (without significant complications)  +\$500 - \$1,000 (if coming in as emergency)  <b>INQUIRE ABOUT POTENTIAL STUDIES WITH FINANCIAL INCENTIVES FOR OWNERS!!</b>

## NEUROLOGY

PROCEDURE	COST
<b>Seizure Work-up*</b>  <b>2-3 Day Stay</b> (will stay at least 1 night)	\$1,000 - 2,000 (for assessment and stabilization)  \$2,200 - \$2,700 (w/ MRI and CSF tap)  \$2,700 - \$3,200 (if case comes in as emergency)
<b>Spinal Fracture NEUROLOGY</b>	<b>CALL FOR ESTIMATE</b>
<b>Wobbler Syndrome</b>  <b>Work-up</b> (2-3 Day Stay)  <b>Surgery</b> (5-7 Day Stay)	\$2,200 - \$2,700  \$2,700 - \$3,200 (if case comes in as emergency)  \$5,000 - \$7,000 (includes work-up)

## OPHTHALMOLOGY

<b>PROCEDURE</b>	<b>COST</b>
<b>Evaluation Appointment Only</b> - Includes tear test, fluorescein staining & eye pressure check	\$180
<b>Emergency Evaluation</b>	Begins at \$295 - Increases after hours, includes tear test, fluorescein staining & eye pressure check, DOES NOT include medications
<b>Consult in-house (came in through other service)</b>	\$51
<b>Cataracts</b> - <b>Cataract evaluations are done on an outpatient basis. The actual surgery will be scheduled for a later date after the evaluation.</b>	<b>DEPOSIT of \$72 is required when booking the evaluation. The deposit is non-refundable if client is a no show.</b>
<b>Evaluation</b> - 3 Hours	\$600 - Includes exam fee, U/S & ERG and possible meds
<b>Surgery:</b> - 2 night stay	<b><u>ALL INCLUDE LENS PLACEMENT</u></b>

<b>Unilateral</b> <b>Bilateral</b> <b>Diabetic Animals</b>	\$2,900 - \$3,300 \$3,500 - \$4,000 \$4,000 - \$4,300 (BOTH EYES)
<b>CERF Exam</b> - Collie / Sheltie pups must be 8 weeks of age - All other puppies must be 6 weeks of age	\$75 – JUST FOR EYES - Scheduling goes through Liaison (other certifications will extend appointment and increase cost)
<b><u>EYELID PROCEDURES</u></b>	
<b>Eyelid (simple)</b> <b>Mass Excision (laser or cyro)</b> <b>Medial Canthoplasty – OU (both)</b> <b>Entropion</b> <b>Cryo Distichia</b> <b>Ectopic Cilia (GAX)</b> <b>Cherry Eye</b> <b>Brow Sling</b>	<p style="text-align: center;"><b>MUST SCHEDULE EVALUATION FIRST SURGERY WILL BE 2<sup>ND</sup> APPOINTMENT</b></p> <p style="text-align: right;"><b>Outpatient Surgery</b></p> <p>\$800 - \$1,000          \$800 - \$1,000          \$900 - \$1,100          \$800 - \$1,000 (up to all 4 lids)          \$800 - \$1,000          \$800 - \$1,000          \$650 - \$800 (1 or both eyes)          \$2,100 - \$2,400          - 1 night stay</p>
<b><u>GLAUCOMA</u></b>	
<b>CPC</b> <b>Cidofovir (replaced Gentamycin injection, sedation only)</b> <b>Evisceration / Prosthesis</b> <b>Enucleation</b>	<p style="text-align: center;"><b>MUST SCHEDULE EVALUATION FIRST SURGERY WILL BE 2<sup>ND</sup> APPOINTMENT</b></p> <p style="text-align: right;"><b>Outpatient Surgery</b></p> <p style="text-align: right;"><b>1 Night Stay</b></p> <p>\$1,000 - \$1,200 (cost per eye)          - 1-2 Day stay          \$300 - \$400 (unilateral)          \$450 - \$550 (bilateral)          \$1,900 - \$2,100          - 1-2 Night Stay          \$1,300 - \$1,500 (unilateral)          \$1,500 - \$1,800 (bilateral)</p>
<b>Lens Couching (procedure for luxated lens w/o surgery)</b> - pushing lens into back of eye	\$500 - \$600 - Includes exam fee, procedure is done under sedation
<b>Luxated Lens (lens removal surgery)</b> - 2 Day stay	\$2,900 - \$3,300 - One Eye
<b>Parotid Duct Transposition (KCS – Dry Eye)</b> - 1 Day Stay <p style="text-align: center;"><b>MUST SCHEDULE EVALUATION FIRST SURGERY WILL BE 2<sup>ND</sup> APPOINTMENT</b></p>	\$1,700 - \$1,900 (unilateral) \$2,400 - \$2,800 (bilateral)

<b>Retinopexy</b> (Outpatient)	\$800 - \$1,100 (surgery will be 2 <sup>nd</sup> visit after the initial eval)				
<p style="text-align: center;"><b><u>ULCERS</u></b></p> <b>Keratectomy for Dermoid removal</b> <b>Keratectomy for Sequestrum removal</b>  <b>Conjunctival Graft</b> - During Normal Business Hours - After Hours & Weekends	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%; border: none;">           \$1,100 - \$1,300 (doesn't include exam fees)            \$1,600 - \$2,000 (doesn't include exam fees)         </td> <td style="width: 40%; border: none; text-align: center;">           } <b>Outpatient OR 1 Night Stay</b> </td> </tr> <tr> <td style="border: none;">           \$1,900 - \$2,200 (doesn't include exam fees)            \$2,200 - \$2,500 (doesn't include emergency fees)         </td> <td style="border: none; text-align: center;">           } <b>1 - 2 Day Stay</b> </td> </tr> </table>	\$1,100 - \$1,300 (doesn't include exam fees) \$1,600 - \$2,000 (doesn't include exam fees)	} <b>Outpatient OR 1 Night Stay</b>	\$1,900 - \$2,200 (doesn't include exam fees) \$2,200 - \$2,500 (doesn't include emergency fees)	} <b>1 - 2 Day Stay</b>
\$1,100 - \$1,300 (doesn't include exam fees) \$1,600 - \$2,000 (doesn't include exam fees)	} <b>Outpatient OR 1 Night Stay</b>				
\$1,900 - \$2,200 (doesn't include exam fees) \$2,200 - \$2,500 (doesn't include emergency fees)	} <b>1 - 2 Day Stay</b>				
<b><u>SUPERFICIAL NON-HEALING ULCERS</u></b> - Diamond Burr and debride	\$300 - \$400 - includes exam fee, burr & debride cornea, e-collar & meds				

## ORTHOPEDIC SURGERY

Orthopedic Estimates are per side unless listed as bilateral

<b>PROCEDURE</b>	<b>COST</b>
Evaluation Appointment (no diagnostics)	\$180
<b>ALL Diagnostic Work-ups / Lameness Evaluations</b>	\$500 - \$1,000 (Consult, sedation, basic labs, x-rays, +/- CT Scan)
<b>Recheck Follow up</b> - Incision Recheck - 10-14 days post procedure  - Recheck with X-Rays - 4-8 weeks post procedure	NO CHARGE (no complications or meds needed)  \$200-\$300 (includes office visit, sedation and x-rays)
<b>Bandage Change Visit:</b> <ul style="list-style-type: none"> <li>• Bandage change no sedation</li> <li>• Bandage change with sedation</li> </ul>	\$45 - \$115 (includes office visit) \$150 - \$250 (includes office visit)

**ALL cases that move forward with surgery will be in-house for 2-3 Days**

Orthopedic Estimates are per side unless listed as bilateral

ALL surgery estimates do not include complications that can occur **BEFORE, DURING OR AFTER** surgery

<b>PROCEDURE</b>	<b>COST</b>
<b>Amputations</b> <b>Full Limb</b> (feline / small & medium breed canines) <b>Full Limb</b> (large / giant breed canines)	<b>BARRIER NURSING (MDR infection) NOT INCLUDED</b> \$2,750 - \$3,750 \$3,750 - \$4,750+
<b>Angular Limb Deformities / Growth Disturbances</b>	\$2,500+ (depending on complexity)
<b>Arthrodesis</b> (Carpal & Tarsal)	\$3,500 - \$4,000 - Does not include follow-up bandage changes which can add several hundred dollars to final cost
<b>Arthroscopy</b> - shoulder, elbow, wrist/carpus, hip, knee/stifle, ankle/hock	\$2,400 - \$2,900
<b>Elbow Dysplasia</b> - Fragmented Coronoid Process; Osteochondritis Dissecans (OCD) & Ununited Anconeal Process (UAP)	\$2,000 - \$3,200 - Upper end for bilateral or UAP screw fixation & ulnar osteotomy & SynACART

## ORTHOPEDIC SURGERY

**ALL cases that move forward with surgery will be in-house for 2-3 Days**

Orthopedic Estimates are per side unless listed as bilateral

ALL surgery estimates do not include complications that can occur **BEFORE, DURING OR AFTER** surgery

<b>PROCEDURE</b>	<b>COST</b>
<b>Femoral Head Ostectomy (FHO)</b> - Typically used for small dogs - Total hip arthroplasty (THA) - alternative for all dogs and cats.	\$2,200 - \$2,700
<b>Fractures</b> - An accurate estimate can only be given if we have detailed information regarding the patient's condition and the nature of the fracture and other injuries.  <b>INSTRUCT OWNERS TO HAVE RDVM TO CALL REFERRAL DESK</b>	<b>During Normal Business Hours: Call for estimate</b>  <b>Simple fracture:</b> \$2,000-\$2,800  <b>Complicated/Multiple fractures:</b> \$3,200 +  <b>Sacroiliac (SI) Luxation:</b> \$3800+ - Depends on other injuries b/c it is rarely isolated injury
<b>Hip Dysplasia</b> (work-up only) - See Total Hip Arthroplasty for SX estimate	\$500 - \$1,000 (Consult, sedation, basic labs, x-rays, +/- CT Scan) - Surgery options will be discussed after work-up (FHO vs THR)
<b>Hip Luxation (Hip Dislocation)</b>	\$1,500 for closed reduction (no surgery)  \$2,500+ (other treatments) - Depends on various factors/extent of concurrent injuries
<b>Implant Removal</b> - cases that require the OR	\$1,400 - \$2,400
<b>Juvenile Pelvic Symphysiodesis (JPS)</b> - for puppies with Hip Dysplasia	\$1,500 - \$1,800 - <b>MUST be 5 months or younger</b>
<b>OCD - Shoulder</b>	\$2,000 - \$2,800 - higher for bilateral SynACART
<b>Osteoarthritis</b> - Synovetin Treatment	\$1,800
<b>Patella Luxation Correction</b> (Knee Cap)	\$2,000 - \$3,500 (per side; usually done in stages)

**ALL cases that move forward with surgery will be in-house for 2-3 Days**

**Orthopedic Estimates are per side unless listed as bilateral**

**ALL surgery estimates do not include complications that can occur BEFORE, DURING OR AFTER surgery**

PROCEDURE	COST
<b>Stifle stabilization (Lateral Suture)</b> - Reserved for dogs that are not TPLO candidates	\$2,200 - \$3,200
<b>Tibial Plateau Leveling Osteotomy (TPLO)</b> - Plating Procedure	\$3,200- \$4,500 Small Dogs (less than 20 lbs) \$3,500 - \$5,000 (greater than 20 lbs)
<b>Total Hip Arthroplasty (Hip Replacement)</b> - Surgeries performed by Dr. Rochat and Dr. Kim - Evaluations <b>ONLY</b> for Dr. Malek	\$5,000 - \$6,000
<b>Total Knee Arthroplasty (Knee Replacement)</b> <b>ONLY SCHEDULE w/DR. ROCHAT</b>	\$5,800 - \$6,500
<b>Double / Triple Pelvic Osteotomy (DPO / TPO)</b>	\$3,500 - \$4,500
<b>Tibial Tuberosity Advancement (TTA)</b>	<b>NOT DONE BY CURRENT STAFF</b> - Can schedule Eval to discuss options



**MEDICINE**

(Urology/Nephrology Estimates in separate section below)

PROCEDURE	COST
<b>Evaluation Appointment - Consult Only</b>	\$180 (no diagnostics)
<b>Arthritis/Polyarthropathy</b> - Bloodwork, x-rays, joint taps, cytology, rickettsial titers, rheumatoid factor  <b>2 Day Stay</b>	\$1,500 - \$2,500
<b>Cough Work up</b> - Office exam, blood work, x-rays, Bronchoscopy, anesthesia, culture/sensitivity (with wash)  <b>2-4 Day Stay</b>	\$2,000 - \$2,800 w/ Bronchoscopy - <u>Does not include CT of thorax</u>
<b>Collapsing Trachea</b> Currently not doing surgery Contact Dr. Woolcock for quote for tracheal stents	\$1,500 - \$2,500 w/ Bronchoscopy <u>Does not include CT of thorax</u>
<b>Cushings Work-up</b>  <b>2-3 Day Stay</b>	\$1,200 - \$1,600
<b>Diabetic Work up</b> <b>Diabetic/Ketoacidotic (DKA)</b>  <b>2-4 Day Stay</b>	\$1,800 - \$2,400 (stable) \$3,000 - \$5,000 (unstable)
<b>Endoscopy (GI)</b> - Office exam, bloodwork, x-rays, culture & sensitivity, biopsy, anesthesia  <b>3-4 Day Stay</b>	\$2,200 - \$2,800 (Upper ONLY Endoscopy)  \$2,000 - \$3,000 (Upper & Lower GI Endoscopy)
<b>Esophageal Stricture (Ballooning Procedure)</b>  <b>1-2 Day Stay</b>	\$2,000 - \$2,600; (1 <sup>st</sup> work-up and treatment)
<b>Gallbladder Mucocele</b> - Just medical work up  <b>1-2 Day Stay</b>	\$1,200 - \$1,600
<b>General medical work-up</b> - X-rays, UA/culture, U/S, CBC/Chem, +/- additional laboratory testing  <b>1-3 Day Stay</b>	\$1,500 - \$2,500
<b>I-131 (Hyperthyroidism)</b>	\$1,800 - \$2,100

<ul style="list-style-type: none"> <li>- Office visit, bloodwork, boarding, 2 nights in-house</li> </ul> <b>10-14 Day Stay</b>	<b>DO NOT SCHEDULE - STARTS WITH HELP DESK</b>
<b>Immune Mediated Hemolytic Anemia (IMHA)</b> <b>3-4 Day Stay</b>	\$2,500 - \$4,000 (higher end with several blood transfusions)
<b>Immune Mediated Thrombocytopenia (IMT)</b> <b>3-4 Day Stay</b>	\$2,000 - \$4,000 (with transfusions)
<b>Lebre</b>	TBD
<b>Megacolon Work-up</b> <ul style="list-style-type: none"> <li>- Surgery: Ask Soft Tissue surgery for quote</li> </ul> <b>2-3 Day Stay</b>	Work-up: \$1,500 - \$2,000
<b>Mega Esophagus</b> <ul style="list-style-type: none"> <li>- Work-up</li> <li>- If Aspiration</li> </ul> <b>2-3 Day Stay</b>	\$1,800 - \$2,300 \$2,800 - \$4,500
<b>Perianal Fistula</b> (Check with Dr. Gomes) <b>2-3 Day Stay</b>	\$1,200 - \$1,800
<b>Pneumonia</b>	<b>CALL FOR ESTIMATE</b>
<b>Porto systemic Shunt (PSS)- Liver Shunt</b> <b>2-3 Day Stay</b>	\$2,000 - \$2,500
<b>Rhinocopy / Nasal Disease</b> <ul style="list-style-type: none"> <li>- Exam, bloodwork, x-rays, CT Scan, biopsy, culture &amp; sensitivity, anesthesia, ICU recovery</li> </ul> <b>2-4 Day Stay</b>	Work-up: \$2,000-\$2,800

## MEDICINE

### NEPHROLOGY / UROLOGY

Referrals for these sections originate at the Help Desk then go to Julie, Dr. Adams or Dr. Steinbach

PROCEDURE	COST
<b>Evaluation Appointment - Consult Only</b>	\$180 (no diagnostics)
<b>General Work-up</b> - X-rays, UA/culture, U/S, CBC/Chem, +/- additional laboratory testing	\$1,500-\$2,500
<b>1-3 Day Stay</b>	
<b>Acute Kidney Injury (Acute renal failure)</b> - Help Desk will Call Dr. Adams or Dr. Steinbach	\$3,000 - \$6,000 (without hemodialysis) \$10,000 - \$15,000 (with hemodialysis)
<b>3-14 Day Stay</b> (Duration of stay depends on severity and cause)	
<b>Chronic Kidney Disease (Chronic renal failure)</b>	\$1,500 - \$2,000+ (more with uremic crisis)
<b>1-3 Day Stay</b>	(Can schedule with OK per Dr. Steinbach)
<b>Cystoscopic Basket Retrieval</b> (small bladder stones) - Bloodwork, UA/Culture, x-rays, US, anesthesia, cystoscopy with biopsy	\$1,600 - \$2,200 Female \$1,700 - \$2,400 Male ( <b>dogs only</b> )
<b>2-3 Day Stay</b>	
<b>Ectopic Ureter Work-up &amp; Laser ablation</b> - Bloodwork, UA/Culture, x-rays, anesthesia, cystoscopy, laser ablation	\$2,000 - \$3,000 Female \$2,600 - \$3,500 Male
<b>DO NOT SCHEDULE - STARTS WITH HELP DESK</b>	
<b>2-3 Day Stay</b>	
<b>Glomerular Disease</b> (Protein Losing Nephropathy)	\$1,600-\$3,800 (higher estimate with renal biopsy)
<b>Kidney/Ureteral Stones</b> <b>DO NOT SCHEDULE - STARTS WITH HELP DESK</b>	\$1,000 - \$2,000 (Work-up) \$5,250 - \$6,300 (SUB in cats)
<b>4-5 Day Stay</b>	<b>Dogs - see SWL (Shock wave lithotripsy)</b>
<b>Laser Lithotripsy</b> (Bladder and Urethral stones) - Bloodwork, UA/culture, x-rays, U/S, anesthesia, cystoscopy, laser lithotripsy, stone analysis	\$2,000 - \$3,000 <b>Bladder Stones FEMALE DOGS - Can schedule</b>
<b>DO NOT SCHEDULE - STARTS WITH HELP DESK</b>	\$2,500 - \$3,500
<b>2-3 Day Stay (CANNOT DO MALE CATS)</b> - <b>see PU surgery for option for male cats and other option for dogs</b>	<b>Radiographs &amp; history will need sent to Dr. Adams first for approval for MALE DOGS AND FEMALE CATS</b>

## NEPHROLOGY / UROLOGY

Referrals for these sections originate at the Help Desk then go to Julie, Dr. Adams or Dr. Steinbach

PROCEDURE	COST
<b>Renal Sclerotherapy</b> - Bloodwork, UA/culture, x-rays, US, anesthesia, cystoscopy, sclerotherapy  <b>3-4 Day Stay</b>	\$2,500 - \$3,300 Female \$3,000 - \$4,000 Male  <b>Stent removal required after 2 weeks</b> \$800 - \$1,000 Female \$1,000 - \$1,200 Male
<b>Shock Wave Lithotripsy – CANINES ONLY</b> Kidney and/or ureteral stones  <b>4-5 Day Stay</b> (Work-up & treatment)	<b>DO NOT SCHEDULE – STARTS WITH HELP DESK</b>
<b>Subcutaneous Ureteral Bypass (SUB) System</b>	\$5,000 - \$7,000 (Unilateral or Bilateral)
<b>Urethral Bulking</b> (collagen) - Bloodwork, UA/culture, x-rays, US, anesthesia, cystoscopy, collagen injection  <b>1-4 Day Stay</b>	\$2,000 - \$2,800 Female - Pricing for repeat collagen injections see Julie
<b>Urethral Stent</b> - Bloodwork, UA/Culture, x-rays, US, anesthesia, cystoscopy, biopsy, stent	\$3,000 - \$4,000 Female \$3,200 - \$4,200 Male **Custom stent sizes may be required in large breeds**
<b>Ureteral Stent</b> (non-invasive approach) - Bloodwork, UA/Culture, x-rays, US, anesthesia, cystoscopy, stent	\$2,000 - \$3,000 Female \$2,500 - \$3,500 Male
<b>Urinary Incontinence</b> - Work up, +/- cystoscopy <b>DO NOT SCHEDULE – STARTS WITH HELP DESK</b>  <b>1-3 Day Stay</b>	\$1,800 - \$3,000
<b>Urinary Tract Infection –Recurrent/resistant</b> - Bloodwork, UA/culture, x-rays, U/S, anesthesia, cystoscopy with biopsy <b>DO NOT SCHEDULE – STARTS WITH HELP DESK</b> <b>2-3 Day Stay</b>	\$1,800 - \$2,500 Female \$1,900 - \$2,800 Male
<b>Urohydropropulsion (VUH) +/- cystoscopy</b> - Bloodwork, UA/culture, x-rays, US, anesthesia, +/- cystoscopy, +/- basket  For pricing of repeat procedures of known patients: see Julie <b>DO NOT SCHEDULE – STARTS WITH HELP DESK</b>	\$1,600 - \$2,500 Female \$1,500 - \$2,800 Male (with cystoscopy, high end)  \$1,200 Female \$1,000 Males

<b>SOFT TISSUE SURGERY – ELECTIVE PROCEDURES</b>	
<b>PROCEDURE</b>	<b>COST</b>
Evaluation Appointment Only	\$180 (\$150 Office Visit + \$30 Admin fee)
<b>General Spay &amp; Neuters</b> (go in the <b>THIRD</b> column on scheduler)	
<ul style="list-style-type: none"> <li>- Appointments for <b>HEALTHY</b> pets only, no other issues present.               <ul style="list-style-type: none"> <li>o <b>NO</b> Heart murmurs, previous anesthesia issues, breathing issues, multiple litters or heat cycles, biopsies, dual procedures, etc.                   <ul style="list-style-type: none"> <li>▪ Cases with pre-existing issues <b>DO NOT</b> go in 3<sup>rd</sup> column; use <b>YELLOW</b> spot in <b>FIRST</b> column</li> </ul> </li> </ul> </li> <li>- Please discuss Gastropexy procedure with <b>ANY</b> pet over 50lbs.               <ul style="list-style-type: none"> <li>o If not discussed when booking appointment, the clinician <u>WILL</u> discuss it during the eval and if owner elects for Gastropexy at that point, we will have to re-schedule the procedure.</li> </ul> </li> <li>- Goal is to check appointment in the AM to have procedure in the PM, same day. This is dependent on number of emergent cases that are needing surgery that day.               <ul style="list-style-type: none"> <li>o May need to go next day causing another night in house, <b>won't change estimate</b></li> </ul> </li> </ul>	<p style="text-align: center;"><b><u>CANINE:</u></b></p> <p><b>Neuter - \$300 - \$450</b> (without complications, before or after surgery)</p> <ul style="list-style-type: none"> <li>- Neuter (non-package due to health issues) - \$1,200 - \$1,500 (without complications, before or after surgery)</li> </ul> <p><b>Spay - \$350 - \$550</b> (without complications, before or after surgery)</p> <ul style="list-style-type: none"> <li>- Spay (non-package due to health issues) - \$1,300 - \$1,800 (without complications, before or after surgery)</li> </ul> <p style="text-align: center;"><b><u>FELINE:</u></b></p> <p><b>Neuter - \$200 - \$300</b> (without complications, before or after surgery)</p> <ul style="list-style-type: none"> <li>- Neuter (non-package due to health issues) - \$600 - \$800 (without complications, before or after surgery)</li> </ul> <p><b>Spay - \$300 - \$400</b> (without complications, before or after surgery)</p> <ul style="list-style-type: none"> <li>- Spay (non-package due to health issues) - \$1,200 - \$1,500 (without complications, before or after surgery)</li> </ul> <p><b><u>2-3 Day Stay</u></b></p>
<p><b>LET OWNERS KNOW THAT</b>, all estimates include in-house meds, baseline bloodwork, routine hospitalization and to go home meds pertaining to the procedure. Estimates <b>DO NOT</b> included any additional bloodwork deemed necessary, additional diagnostics, additional treatment (such as skin issues), infectious care, other medication refills, etc.</p>	

### Elective Minimally Invasive Surgeries

(go in the **FIRST** column on scheduler; **ONLY ONE PER DAY**)

**ALL** Gastropexys performed are Laparoscopic  
 - we **DO NOT** offer an open procedure

#### CANINE

##### Neuters

Cryptorchid Neuter (varies Inguinal vs. Abdominal)  
 Laparoscopic Gastropexy with Castration  
 Laparoscopic Abdominal Cryptorchid Neuter (**NO** Pexy)  
 Laparoscopic Gastropexy (w/ Abdominal Cryptorchid Neuter)

##### Spays

Laparoscopic Spay (**NO** Gastropexy)  
 Laparoscopic Spay with Gastropexy

Laparoscopic Gastropexy **ONLY**

#### FELINE

Laparoscopic Spay (**ask service before offering, not common**)  
 Laparoscopic Abdominal Cryptorchid Neuter

#### ADD-ONS

##### **Scrotal Ablation**

- added to neuter

##### **Doberman Pinschers**

- Von Willebrand testing needs completed prior to appointment

The pet needs to be **AT LEAST**  
 - **10 months old** **AND**  
 - **25 kgs (over 50 lbs)**

\$300 - \$550 (w/o complications, before/during/after surgery)  
 \$850 - \$1050 (w/o complications, before/during/after surgery)  
 \$900 - \$1100 (w/o complications, before/during/after surgery)  
 \$950 - \$1150 (w/o complications, before/during/after surgery)

\$900 - \$1100 (w/o complications, before/during/after surgery)  
 \$950 - \$1150 (w/o complications, before/during/after surgery)

\$800 - \$1000 (w/o complications, before/during/after surgery)

\$450 - \$550 (w/o complications, before/during/after surgery)  
 \$450 - \$550 (w/o complications, before/during/after surgery)

**add** \$100 (remains in **FIRST** column)

##### **If Von Willebrand+**

**add** \$1,000 - \$1,200 (products, administration & monitoring)

**LET OWNERS KNOW THAT**, all estimates include in-house meds, baseline bloodwork, routine hospitalization and to go home meds pertaining to the procedure. Estimates **DO NOT** included any additional bloodwork deemed necessary, additional diagnostics, additional treatment (such as skin issues), infectious care, other medication refills, etc.

<b>Evaluation Appointment Only</b>  <b>Consult in-house (came in through other service)</b>  <b>Appointment after internal consult</b>	\$180 (\$150 Office Visit + \$30 Admin fee)  \$50  TBD
<b>Abdominal Exploratory – biopsies/mass removals</b> 2-5 Day Stay	\$3,000 - \$4,000+ (without significant complications) <b>DOES NOT INCLUDE WORK-UP</b>
<b>Adrenalectomy (Nephrectomy)</b>  3-5 Day Stay	\$3,000 - \$7,000+ (without significant complications) - Range due to large variability in cases  <b>DOES NOT INCLUDE WORK-UP</b>
<b><u>Amputations:</u></b> <b>Digit</b>  <b>Full Limb</b> (Feline / Small & Medium Breed Canine) <b>Full Limb</b> (Large / Giant Breed Canine)  <b>Tail</b>  <b>Screw Tail</b>  3-5 Day Stay	\$2,200 - \$2,800 \$2,750 - \$3,750 \$3,750 - \$4,750+ \$1,800 - \$2,500 \$2,000 - \$3,000  <b>DOES NOT INCLUDE WORK-UP</b>  Barrier nursing (if MDR infection) not included
<b>Anal Sacculectomy</b>  <b>Infection</b> - Unilateral - Bilateral  <b>Tumor</b>  3-4 Day Stay	\$2,200 - \$4,500 (without significant complications) - Range depends on etiology (infection vs tumor) & case specifics  \$2,200 - \$3,000 \$2,500 - \$3,500  \$2,500 - \$4,500  <b>DOES NOT INCLUDE WORK-UP</b>
<b>Artificial Hydraulic (urethral) occluder/sphincter</b>	<b>SPEAK TO CLINICIAN FIRST BEFORE SCHEDULING</b> \$2,500 - \$4,000 (without significant complications)
<b>Aspergillus treatment (surgical)</b>  <b>Trephination only</b> (medicine case, medicine to instill antifungals)  <b>Sinusotomy</b> (with 1 hour soak and clotrimazole instillation)  1-2 Day Stay	\$500 - \$750 (SX ONLY)  \$2,500 - \$4,000 (without significant complications)  <b>DOES NOT INCLUDE WORK-UP</b>
<b>Atresia Ani</b> In kitten / puppy without fistula (could be emergent) <b>SPEAK TO CLINICIAN BEFORE SCHEDULING</b>	\$1,500 - \$3,000+ depending on severity

With rectovaginal / rectourethral fistula	\$1,500 - \$2,000 (workup; including CT) \$3,000 - \$5,000 (surgery; w/o significant complications)
<b>Brachycephalic Syndrome - MUST BE AT LEAST 8 WEEKS OLD</b>  2-3 Day Stay  Stenotic Nares and Soft Palate resection ONLY IF Tracheostomy is required	<b>Work-Up:</b> \$600 - \$1,200 - Includes bloodwork, x-rays, oral exam, - +/- biopsies - +/- endocrine tests - +/- CT Scan  <b>Surgery:</b> \$1,800 - \$2,200 (without significant complications) \$3,500 - \$5,500+ (without significant complications)
<b>C-Section (EMERGENCY BASIS ONLY)</b> Patient is discharged within 4-6 hours of surgery	\$2,000 - \$3,000 (without significant complications)
<b>Cleft Palate</b>	\$2,200 - \$4,500 (without significant complications) <b>DOES NOT INCLUDE WORK-UP</b>
<u><b>Cholecystectomy (Gallbladder removal)</b></u>  <b>Non-ruptured</b> 3-4 Day Stay  <b>Ruptured</b> 3-5+ Day Stay  <b>Ruptured &amp; Septic</b> 3-5+ Day Stay	\$3,000 - \$5,000 (without significant complications) <b>DOES NOT INCLUDE WORKUP</b>  \$4,000 - \$6,000+ (without significant complications) <b>DOES NOT INCLUDE ER STABILIZATION &amp; WORKUP</b>  \$6,000 - \$8,000+ (without significant complications) <b>DOES NOT INCLUDE ER STABILIZATION &amp; WORKUP</b>
<u><b>Cystotomy/Cystectomy (Bladder Surgery)</b></u>  <b>-Cystotomy - Bladder Stones</b> 2-3 Day Stay  <b>-Partial Cystectomy</b> 2-3 Day Stay	\$2,000 - \$3,000 (without significant complications) <b>DOES NOT INCLUDE WORK-UP</b>  \$2,500 - \$4,000 (without significant complications) <b>DOES NOT INCLUDE WORK-UP</b>
<b>Episioplasty</b> 2-3 Day Stay	\$1,800 - \$2,200 (without significant complications)
<b>EXOTICS PROCEDURES</b> - Examples: Ferret Adrenalectomy/ Insulinoma	<b>SPEAK TO CLINICIAN FIRST</b> - These are typically scheduled through Primary Care
<b>Fistula / Draining Tracts</b> (due to chronic Foreign bodies NOT Perianal Fistulas) 3+ Day Stay	<b>SPEAK TO CLINICIAN FIRST</b>  <i>Rectourethral / Rectovaginal Fistula - see Atresia ani</i>
<b>Foreign Body</b> (Depends on procedure required: Gastrotomy, Enterotomy, R&A)	\$3,000 - \$5,000+ (without significant complications)

3-5 Day Stay	<b>DOES NOT INCLUDE WORK-UP</b>
<b>Gall Bladder Mucocele</b> (see Cholecystectomy)	
<b>Gastric Dilatation Volvulus (GDV)</b> - ER STABILIZATION FEES 3-5 Day Stay	\$4,000 - \$6,000+ (without significant complications) \$700 - \$1000
<b>Glossectomy</b> (removal of tongue)  Partial - w/o e-tube - with e-tube  Total (+ e-tube)  2-3 Day Stay	\$1,800 - \$2,500 (without significant complications) \$2,000 - \$2,700 (without significant complications) \$2,500 - \$3,500 (without significant complications)  <b>DOES NOT INCLUDE WORKUP</b>
<b><u>Hernia</u></b>  <b>Diaphragmatic Hernia</b> 3-5 Day Stay  <b>PPDH</b> - <u>Incidental</u> (no clinical signs) - <u>Presents with Clinical Signs</u> (signs for the PPDH)  <b>Perineal Hernia, Bilateral</b> 2-4 Day Stay  <b>Perineal Hernia, Unilateral</b> 2-4 Day Stay  <b>Scrotal Hernia</b> 2-4 Day Stay  <b>Umbilical Hernia</b> 2-4 Day Stay	<b>NONE OF THESE INCLUDE WORK UP COST</b>  \$3,000-\$6,000* (without significant complications)  \$2,000 - \$4,000* (without significant complications) \$3,000 - \$6,000* (without significant complications)  \$3,500 - \$4,500* (without significant complications)  \$2,500 - \$3,500* (without significant complications)  \$3,000 - \$4,000* (without significant complications)  \$1,800 - \$2,500* (without significant complications)
<b>*Hernia - Emergency</b>  If it is determined that a Hernia case has become emergent and an emergency surgery is needed because of organ entrapment leading to compromise of blood flow to organ or inability to urinate, <b>estimates will increase and be determined at time of examination.</b>	

<p><b><u>Laparoscopic procedures – NON ELECTIVE</u></b></p> <p><b>Lap. Assisted Cystotomy (bladder stones)</b> 2-3 Day Stay</p> <p><b>Lap. Liver Biopsy</b> 2-3 Day Stay</p> <p><b>Von Willebrand+ dogs (VWD positive)</b></p>	<p><b>For Elective Procedure please see separate ST Estimates</b></p> <p>\$2,000 - \$3,000 (without significant complications) <b>DOES NOT INCLUDE WORK UP</b></p> <p>\$2,000 - \$3,000 (without significant complications) <b>DOES NOT INCLUDE WORK UP</b></p> <p>ADD - \$1,000 - \$2,000 for medications /products</p>
<p><b>Laryngeal Paralysis Tie-back</b> 2-3 Day Stay</p>	<p><b>Work-up:</b> \$1000 - \$2000 (Bloodwork, x-rays, oral exam, +/- biopsies, +/- endocrine tests)</p> <p><b>Surgery:</b> \$2,800 - \$3,500 (without significant complications) <b>*Does not include ER stabilization if in a crisis*</b></p>
<p><b>Liver Lobectomy</b> 3+ Day Stay</p>	<p><b>Work-up:</b> \$1000 - \$2000 (Bloodwork, x-rays, oral exam, +/- biopsies, +/- endocrine tests)</p> <p><b>Surgery:</b> \$3,500 - \$5,000 (without significant complications) <b>*Does not include ER stabilization if in a crisis*</b></p>
<p><b>Lung Lobectomy</b> 3+ Day Stay</p>	<p><b>Work-up:</b> \$1000 - \$2000 (Bloodwork, x-rays, oral exam, +/- biopsies, +/- endocrine tests)</p> <p><b>Surgery:</b> \$3,500 - \$5,000 (without significant complications) <b>*Does not include ER stabilization if in a crisis*</b></p>
<p><b>Lymph Node Removal - <b>SPEAK TO CLINICIAN FIRST</b></b> - estimate depends on location of lymph node 2-3 Day Stay</p>	<p>+\$100 - \$300 (if added on to other procedure) \$1,200 - \$3,000 (depending on location of lymph node) <b>DOES NOT INCLUDE WORK UP</b></p>
<p><b>Mandibulectomy</b> (removal of lower jaw) 2-3 Day Stay</p>	<p><b>Work-up:</b> \$1000 - \$2000 <b>Surgery:</b> \$2,500 - \$3,500 (without significant complications)</p>
<p><b>Maxillectomy</b> (removal of upper jaw) <b>Maxillectomy (rostral/caudal)</b> 2-3 Day Stay</p>	<p><b>Work-up:</b> \$1000 - \$2000 <b>Surgery:</b> \$3,000 - \$5,000 - Range depends on size of patient and invasiveness of mass</p>
<p><b>Maxillectomy &amp; Orbitectomy Together</b></p>	<p><b>ONLY AFTER CONSULTATION</b></p>
<p><b>Megacolon (subtotal colectomy)</b> 3+ Day Stay</p>	<p>\$3,000 - \$4,000 (without significant complications) <b>DOES NOT INCLUDE WORK UP</b></p>
<p><b>Nephrectomy</b> 2-3 Day Stay</p>	<p><b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$3,000 - \$6,000 (without significant complications) - Range depends on size of patient and invasiveness of mass</p>

<b>Nephrotomy</b> 2-3 Day Stay	\$3,000 - \$4,500 (without significant complications) <b>DOES NOT INCLUDE WORK UP</b>
<b>Parathyroid</b> 2-5+ Day Stay	\$3,000 - \$6,000 (without significant complications) - Range due to post op calcium measurements & regulation <b>DOES NOT INCLUDE WORK UP</b>
<b>Patent Ductus Arteriosus (PDA)</b> - CAN ALSO COME THROUGH CARDIOLOGY- CHECK WITH CARDIO BEFORE SCHEDULING 2-3 Day Stay	\$2,500-\$3,500 without significant complications <b>DOES NOT INCLUDE WORK UP</b>
<b>Perineal Urethrostomy (PU)</b>	<b>SEE URETHROSTOMY</b>
<b>Plastic &amp; Reconstructive Procedures</b>	<b>SPEAK TO CLINICIAN FIRST / AFTER CONSULT DUE TO RANGE OF SURGICAL OPTIONS</b>
<b>Pleuralport Placement Only</b> 3+ Day Stay	\$2,000 - \$3,000 (without significant complications) <b>DOES NOT INCLUDE WORK UP</b>
<b>Portosystemic Shunt-PSS (Liver Shunt)</b> - CASE STARTS WITH INTERNAL MEDICINE FOR WORK UP AND MEDICATIONS - SPEAK WITH CLINICIAN FIRST 3+ Day Stay	Pre-op MED Work-up: \$2,000 - \$2,500 <b>Surgery:</b> Extra hepatic: \$3,500 - \$4,500 (without significant complications) Intra hepatic: <b>SPEAK WITH CLINICIAN FIRST, USUALLY CARDIO</b> <b>DOES NOT INCLUDE WORK UP</b>
<b>Pyometra</b> 3+ Day Stay	\$2,500 - \$3,500+ (without significant complications) *Does not include ER stabilization if in a crisis*
<b>Salivary Mucocele</b> 3+ Day Stay	\$2,500 - \$3,500 (without significant complications ) <b>DOES NOT INCLUDE WORK UP</b>
<b>Septic Peritonitis</b> 3+ Day Stay	\$6,000 - \$8,000+ (without significant complications) \$8,000 - \$10,000+ (without significant complications) - FOR GIANT BREED DOGS <b>DOES NOT INCLUDE WORK-UP</b>
<b>Spay / Neuter; NON PACKAGE</b> - Pet has underlying health issue <b>DOES NOT INCLUDE POSSIBLE WORK-UP</b>	<b>DOGS</b> <b>Spay:</b> \$1,300 - \$1,800 (without significant complications) <b>Neuter:</b> \$1,200 - \$1,500 (without significant complications)  <b>CATS</b>

2-3 Day Stay	<b>Spay:</b> \$1,200 - \$1,500 (without significant complications) <b>Neuter:</b> \$600 - \$800 (without significant complications)
<b>Splenectomy*</b> 3+ Day Stay	\$3,000 - \$4,500 (without significant complications) <b>DOES NOT INCLUDE ER STABILIZATION IF IN CRISIS</b> Due to hemoabdomen (blood in abdomen; ruptured spleen)
<b>Subcutaneous Ureteral Bypass (SUB)</b>	<b>THESE PATIENTS ARE SEEN THROUGH UROLOGY</b>
<b>TECA (LBO)</b> (Total Ear Canal Ablation & Lateral Bulla Osteotomy)  <b>Unilateral</b> 3-4 Day Stay  <b>Bilateral (ONLY WITH DR. RISSELADA)</b> 3-4 Day Stay	\$3,200 - \$4,200 (without significant complications) - Includes CT Scan and workup  \$4,500 - \$6,000 (without significant complications) - Includes CT Scan and work up
<b>Thoracoscopy</b>	<b>SPEAK TO CLINICIAN FIRST/ONLY AFTER CONSULTATION</b>
<b>Thoracotomy (lateral)</b>  <b>Pericardial window, Thoracic Duct Ligation, biopsy</b> - (Chylothorax)  <b>-Vascular Ring Anomalies (PRAA, etc)</b>  3-5+ Day Stay	<b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$3,000 - \$6,000 (without significant complications)  <b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$4,000 - \$6,000 (without significant complications)  <b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$4,000 - \$6,000 (without significant complications)
<b>Thyroidectomy</b> 2-3 Day Stay	<b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$2,000 - \$4,000 (without significant complications)
<b>Thymectomy / Thymoma resection, Median Sternotomy, Subtotal pericardectomy, Thoracic Explore</b> 2-3 Day Stay	<b>Work-up:</b> \$1,000 - \$2,000 <b>Surgery:</b> \$4,000 - \$6,000 (without significant complications) - Based on etiology
<b>Tracheal Collapse</b>	<b>Typically, Medicine – SPEAK TO CLINICIAN FIRST</b>
<b>Tracheostomy</b> (Estimates vary depending on underlying etiology)  <b>Permanent</b>	\$2,000 - \$4,000 (without significant complications)

<p>Temporary 2-3 Day Stay</p>	<p>As in hospital patient care – not on appointment <b>DOES NOT INCLUDE WORK-UP</b></p>
<p><b>Ureteral Surgeries:</b> <b>*THESE PATIENTS ARE SEEN THROUGH UROLOGY FIRST</b></p> <p><b>Ectopic Ureter</b> 2-3 Day Stay</p> <p><b>-Ureteral Stone/Ureterotomy</b> 2-3 Day Stay</p>	<p><b>DOES NOT INCLUDE WORK UP COST</b></p> <p>\$2,500 - \$4,000 (without significant complications) - May change depending on location, 1 vs. 2, size of animal, etc.</p> <p>\$3,000 - \$5,000 (without significant complications) - May change depending on location, 1 vs. 2, size of animal, etc.</p>
<p><b>URETHROSTOMY</b></p> <p><b>FELINE</b> <b>Perineal Urethrostomy (PU)</b> 2-3 Day Stay</p> <p><b>CANINE</b> <b>Prescrotal Urethrostomy</b> 2-3 Day Stay</p> <p><b>-Scrotal Urethrostomy w/o penile amputation</b> 2-3 Day Stay</p> <p><b>-Scrotal Urethrostomy with penile amputation</b> 3-5 Day Stay</p>	<p>\$2,000 - \$2,500 (without significant complications) - ER fees typically \$1000 - \$1500</p> <p>\$3,000 - \$4,000 (without significant complications) - ER fees typically \$1000 - \$1500</p> <p>\$3,000 - \$4,500 (without significant complications) - ER fees typically \$1000 - \$1500</p> <p>\$3,000 - \$6,000 (without significant complications) - ER fees typically \$1000 - \$1500</p>
<p><b>Ventral Bulla Osteotomy (VBO)</b> 1-3 Day Stay</p> <p><b>-Unilateral</b></p> <p><b>-Bilateral (Dr. Risselada ONLY)</b></p>	<p><b>Work-up: \$1,000 - \$2,000</b></p> <p>\$2,500 - \$3,500 (without significant complications)</p> <p>\$3,000 - \$4,000 (without significant complications)</p>