



2023 Technical Staff Symposium



SYMPOSIUM PROCEEDINGS

THANK YOU

TO OUR GENEROUS SPONSORS!

PLATINUM



GOLD



SILVER



BRONZE



TABLE OF CONTENTS

LECTURE SCHEDULE	4
MEET THE SPEAKERS	5
URINE, WHERE DOES IT COME FROM AND WHAT CAN IT TELL US?.....	6
CARING FOR THE MOST CRITICAL PATIENTS FIRST: THE ART OF TRIAGE... 10	
BLOOD PRODUCTS & TRANSFUSION MEDICINE FOR THE VETERINARY TECHNICIAN.....	20
SCIENCE BEHIND COMPASSION FATIGUE & BUILDING RESILIENCY.....	30
A BALANCING ACT: CULTIVATING CULTURE.....	42
CARDIAC ANATOMY AND THE INTERPRETATION OF COMMON ELECTRICAL AND MUSCULAR ABNORMALITIES.....	46
EXHIBITOR GUIDE	50



9:00 AM – 10:00 AM REGISTRATION & BREAKFAST | SPONSOR TABLES OPEN



10:00 AM - 10:10 AM

OPENING REMARKS

CATHERINE HUFF, LVT | PROCEDURAL SERVICE MANAGER



10:10 AM - 11:00 AM

URINE, WHERE DOES IT COME FROM, AND WHAT CAN IT TELL US

CATHERINE HUFF, LVT | PROCEDURAL SERVICE MANAGER



11:05 AM - 11:55 AM

CARING FOR THE MOST CRITICAL PATIENTS FIRST: THE ART OF TRIAGE

RHONDA DIXON, DVM | EMERGENCY

12:00 PM – 1:00 PM LUNCH | SPONSOR TABLES OPEN



1:10 PM - 2:00 PM

BLOOD PRODUCTS & TRANSFUSION MEDICINE FOR THE VETERINARY TECHNICIAN

ALEXIA FRENCH, LVT



2:05 PM - 2:55 PM

SCIENCE BEHIND COMPASSION FATIGUE & BUILDING RESILIENCY

DR. JEANNA WENDT | ZOETIS

3:00 PM – 3:25 PM AFTERNOON BREAK | SPONSOR TABLES OPEN



3:30 PM - 4:20 PM

A BALANCING ACT: CULTIVATING CULTURE

SAMANTHA HULBIG, LVT | STAFF SCHEDULING COORDINATOR



4:25 PM - 5:15 PM

CARDIAC ANATOMY AND THE INTERPRETATION OF COMMON ELECTRICAL AND MUSCULAR ABNORMALITIES

CATHERINE HUFF, LVT | PROCEDURAL SERVICE MANAGER

5:15 PM – 5:30 PM CLOSING REMARKS



**CATHERINE HUFF, LVT, BAS, PROCEDURAL
SERVICES MANAGER**



DR. RHONDA DIXON, DVM



ALEXIA FRENCH, LVT



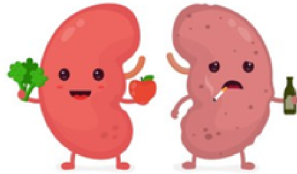
DR. JEANNA WENDT, DVM, ZOETIS



**SAMANTHA HULBIG, LVT, STAFF
SCHEDULE COORDINATOR**

Urine: Where does it come from and what can it tell you?

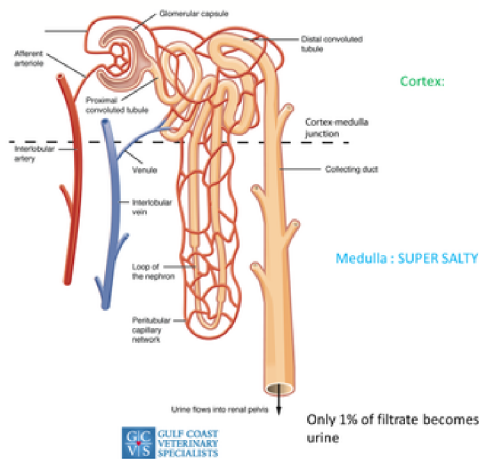
Catherine Huff, LVT, BAS



Anatomy of the nephron

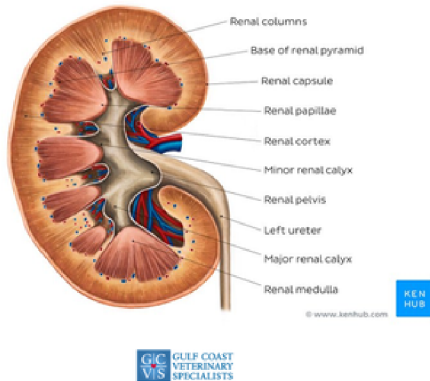
The functional unit

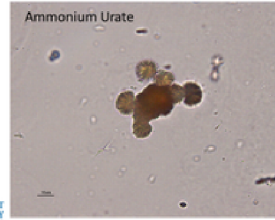
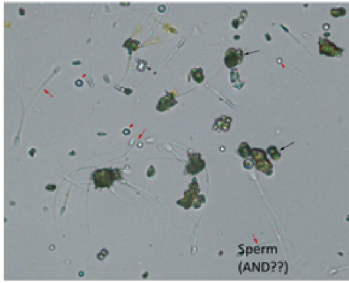
- Afferent (arrive) arteriole
- Efferent (exit) arteriole
- Glomerulus
- Proximal convoluted tube
- Loop of Henle
- Distal convoluted tube
- Collecting ducts
- Peritubular caps



Macro-anatomy

- Cortex vs medulla
- Renal pyramid
- Calyx

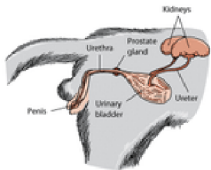




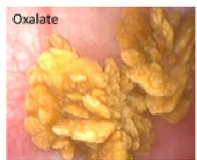
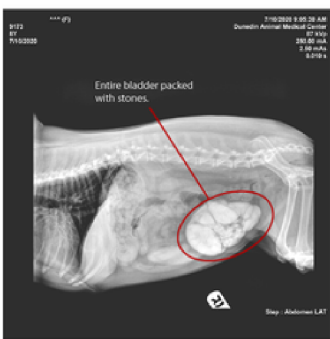
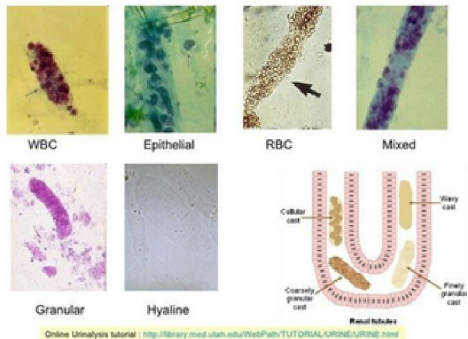
- Originate solely in the kidney
- 4 criteria needed for formation

1. High salt concentration
2. Acidic pH
3. Reduced tubular flow
4. mucoprotein

- Hyaline may be seen with mild kidney disease
- Blocked Tom dx can result from casts or crystals



Casts in Urine:



TRIAGE CLASSIFICATION CHART

Triage Classification	Description	Examples
First Priority	Patient Critical Treatment must be initiated within seconds to minutes	Cardiopulmonary arrest, Major bleeding, breathing problems, altered mentation, shock, history of toxin ingestion, active seizures, anaphylaxis
Second Priority	Patient Urgent Currently stable, but may become 1st priority patient, need to be reassessed, or have treatment initiated within minutes to hours	History of major trauma, history of unsuccessful urination, repeated vomiting or diarrhea, some toxin ingestions, some fever patients
Third Priority	Patient Stable Pressing problem that is non-critical Treatment initiated within hours	Fever, lacerations, open fractures, vomiting, diarrhea (no shock or altered state of mentation)
Fourth Priority	Patient Completely Stable Needs evaluation, requires action in the next 24+ hours	Minor skin issues, ear infections, most limping patients

The Golden Hour

- First 1+ hours after presentation
- Identify life threatening problems and start treatments to mitigate consequences
- BE PROACTIVE
- ANTICIPATE



PATIENT ASSESSMENT

- Started by technician/triage team
 - Quick history; more thorough history later
 - Obtain vitals
- Concurrent assessment by DVM
- ID life threatening problems/injuries
- Airway, Breathing, Circulation, Neurological



AIRWAY



AIRWAY

- Open?
Obstructed?
- INTUBATION—if you are thinking about it, do it.



BREATHING

- Normal vs labored
- Increased vs decreased rate
- Localization of problem—upper airway vs lower airway vs pleural space vs parenchymal
- Look Alikes/Honorable Mentions
- Always OK to give oxygen



RECOGNIZING RESPIRATORY PATTERNS

UPPER AIRWAY:

- Exaggerated or prolonged inspiration effort with little to no air movement
- O₂ supplementation is not effective, therefore immediate invasive measures are indicated (sedation/anesthesia, intubation, positive pressure ventilation)
- Emergency tracheostomy may be indicated if intubation not feasible
- Laryngeal paralysis, brachycephalic airway obstructive syndrome, collapsing trachea, foreign body, neoplasia



RECOGNIZING RESPIRATORY PATTERNS

SMALL AIRWAY/LOWER AIRWAY

- Wheezes or whistles may be heard
- Most likely to be a cat vs dog
- Cats will present with a pronounced expiratory push, normothermic and normotensive
- Oxygen supplementation, bronchodilators (albuterol inhaler, terbutaline), steroids, sedation?
- Examples: Feline asthma, chronic bronchitis (dog)



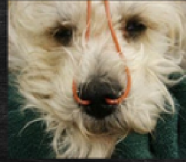
RECOGNIZING RESPIRATORY PATTERNS

PLEURAL SPACE DISEASE

- Asynchronous or restrictive pattern
- Dull or absent lung sounds
- TFAST—fluid vs. air vs. organs vs mixture
- Pleural fluid (pyothorax, chylothorax, hydrothorax, neoplasia)
- Air—pneumothorax (trauma, spontaneous)
- Diaphragmatic hernia—recent trauma?







High Flow
Oxygen
Therapy



CIRCULATION

Heartrate

MM color

- Can use vulva or prepuce
- CRT

Pulse Quality

Extremity/body temperature

Blood pressure—not sensitive test for diagnosis of shock

- Compensatory shock—will be normotensive



STAGES OF HYPOVOLEMIA (DOG)

	Mild (compensatory)	Moderate	Severe (decompensatory)
Heart rate per min	130–150	150–170	170–220
Mucous membrane colour	Normal to pinker than normal	Normal to slightly pale	Grey, muddy, white
Capillary refill time	Vigorous, <1s	Reduced vigour, 1.5s	>2s or absent
Pulse height	Tall	Normal	Short
Pulse duration	Mild decrease	Moderate decrease	Severe decrease
Metatarsal pulse	Easily palpable	Just palpable	Absent
Plasma lactate concentration (mmol/l)	3–5	5–8	>8

**GUIDELINES ONLY



HYPOVOLEMIC SHOCK --CATS

- Do not have same cardiovascular response as dogs
- Not as predictable signs of improvement with resuscitation
- Bradycardia
- Hypothermia
- Slowly warm feline patients AND restore volume



LACTATE MEASUREMENT DURING TRIAGE

- Global hypoperfusion – most common pathological reason for increased lactate
- In general: how severe the hypoperfusion but NOT if reversible or not
- If not normalizing with fluids, start to think of other conditions
 - Under-resuscitation
 - Ongoing cause of hypoperfusion—fluid loss?
 - Increase not due to hypoperfusion—sepsis, SIRS?
- Numerous studies on using lactate as prognostic indicators for sepsis, GDV



CARDIOGENIC SHOCK

- Results in a low-forward flow state due to cardiac derangements
 - Poor myocardial contractility
 - Poor preload
- Examples:
 - DCM
 - HCM
 - Valvular Disease
 - Pericardial Tamponade
 - Severe arrhythmias
- Important to identify because it is NOT treated by fluid resuscitation
 - Patients can look very similar to patients in hypovolemic shock
 - Hallmarks: Murmur, arrhythmia, pulmonary edema, ascites, respiratory distress



NEUROLOGICAL STATUS

- MENTATION
 - Alert
 - Obtunded
 - Stuporous
 - Comatose
- MOTOR FUNCTION/GAIT/BALANCE
- CRANIAL NERVES
 - Pupil size—equal vs anisocoria
 - Menace Response
 - Facial sensation



NEUROLOGICAL STATUS

- VESTIBULAR DISEASE
 - Rolling behavior, ataxia, head tilt, nystagmus
- DULL OR COMATOSE: Could indicate serious intracranial disease
- OPISTHOTONUS POSTURE (stiff forelimbs and head extended)-- increased cranial pressures
- NON-AMBULATORY (paresis or paralysis)
 - Trauma?
 - IVDD?
 - Neoplasia of spinal cord



A FEW POINTS TO REMEMBER

- During TRIAGE, patients should be re-assessed frequently
- Determine response to treatment
 - Monitor for decompensation and need for more emergent intervention

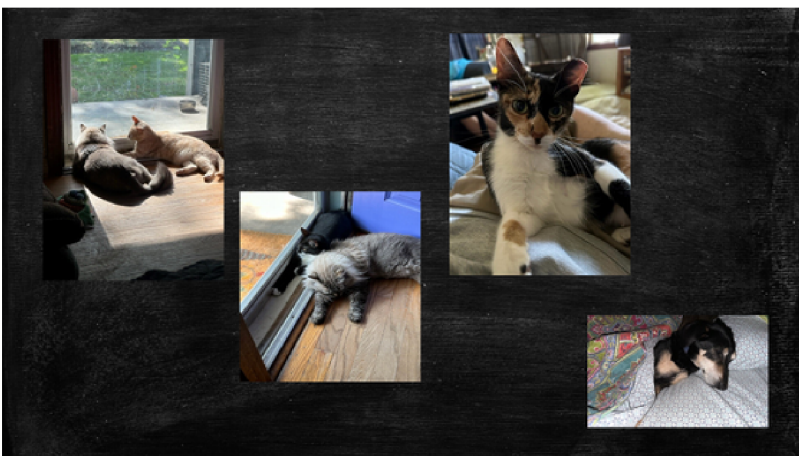
HYPVOLEMIC SHOCK— Most common in dogs/cats

CARDIOGENIC SHOCK-- Important to identify because it is NOT treated by fluid resuscitation

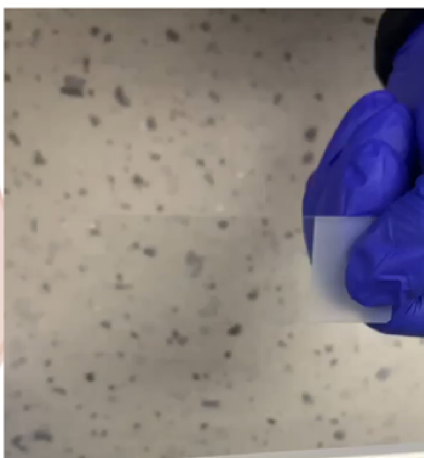
- Patients can look very similar to patients in hypovolemic shock

SECONDARY ASSESSMENT—more thorough PE after life threatening issues have been addressed





Saline Agglutination Testing



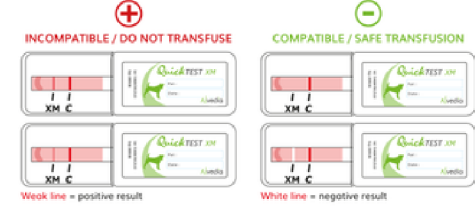
Crossmatching



- Urgency of need
- Ease of Use
- Compatibility accuracy

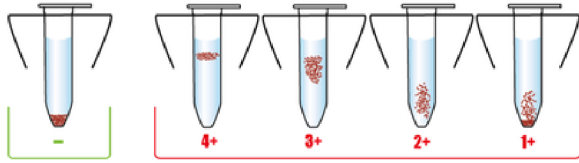
Source: https://www.rapidvet.com/xmatch_info
<https://www.abrint.net>
<https://www.alvedia.com>

Crossmatching – Alvedia XM LabTest/QuickTest



Manufacturer: ~25 minutes
 Me: ~35-45 minutes

Crossmatching – Alvedia Gel Kit

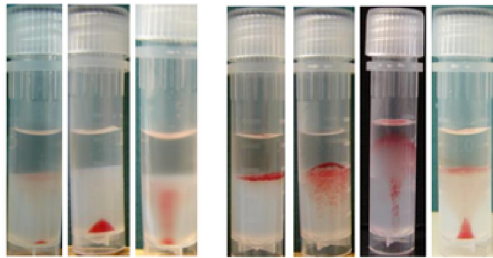


Compatibility = SAFE TRANSFUSION

Incompatibility = DO NOT TRANSFUSE

Manufacturer: ~25 minutes

Crossmatching



Manufacturer Examples

~20-30 minutes
Me: ~12-15 minutes
Potentially Objective

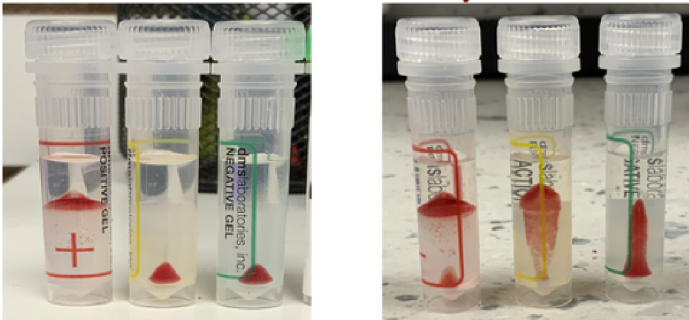
Negative

Positive

Crossmatching

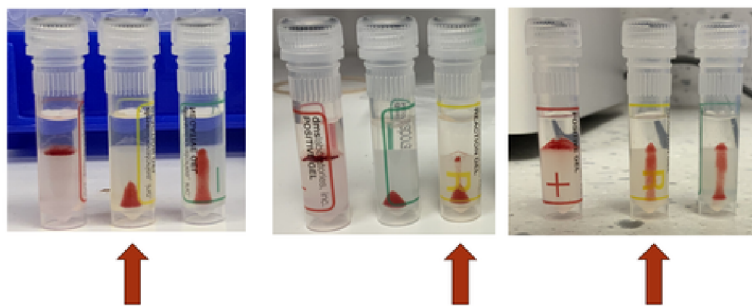


Patient Examples

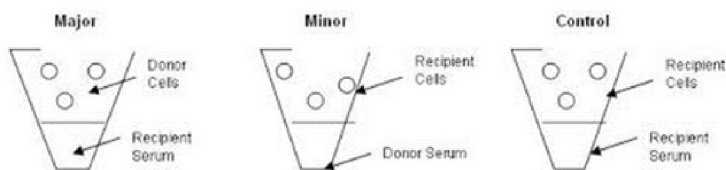


Crossmatching

Rapid Vet-H
Companion Animal Major Crossmatch



Crossmatching - Manually (Major & Minor)



Source's:
ABRI-Crossmatch PDF

~35-45 minutes
'Gold' standard
Not standardized

Transfusion Reactions

Immunologic vs Non-Immunologic

Febrile Non-Hemolytic Transfusion Reactions (FNHTR)

Delayed Serologic Transfusion Reaction (DSTR)

Respiratory Reactions

Transfusion Transmitted Infection (TTI)

- Transfusion Associated **Dyspnea (TAD)**
- Transfusion Associated **Cardiac Overload (TACO)**
- Transfusion Related **Acute Lung Injury (TRALI)**

Hypocalcemia/Citrate toxicity

Transfusion Related Hyperammonemia

Allergic Reactions

Hypotensive Transfusion Reactions (HyTR)

Acute Hemolytic Transfusion Reaction (AHTR)

Post-transfusion purpura (PTP)

Delayed Hemolytic Transfusion Reaction (DHTR)

Transfusion associated graft versus host disease (TA-GVHD)

Davidson EB, Blasi SE, Goy-Hochst L, Harris L, Hozain K, Muzina S, Nishi K, Odunayo A, Sharp CR, Spahr L, Thomason J, Walters J, Wandrop K. Association of Veterinary Hematology and Transfusion Medicine (AVHTM) Transfusion Reaction Small Animal Consensus Statement (TRACS), Part 1: Definitions and clinical signs. J Vet Emerg Crit Care (San Antonio). 2021 Mar;31(3):141-166. doi: 10.1111/vec.13044. Epub 2021 Mar 31. PMID: 33792171.

Compassion Fatigue: The cost of caring for others



“

What is to give light must endure burning.

Viktor E. Frankl

”

Recognize – Understand – Act: 3 Key steps to managing compassion fatigue & building resiliency



Compassion Fatigue: The Cost of Caring for Others

J Am Vet Med Assoc. 2015 Oct 15;247(8):945-55. doi: 10.2460/javma.247.8.945

Risk factors for suicide, attitudes toward mental illness, and practice-related stressors among US veterinarians.

Nett RJ, Witte TK, Holzbauer SM, Elchos BL, Campagnolo ER, Musgrave KJ, Carter KK, Kurkjian KM, Vanicek CE, O'Leary DR, Pride KR, Furrk RJ

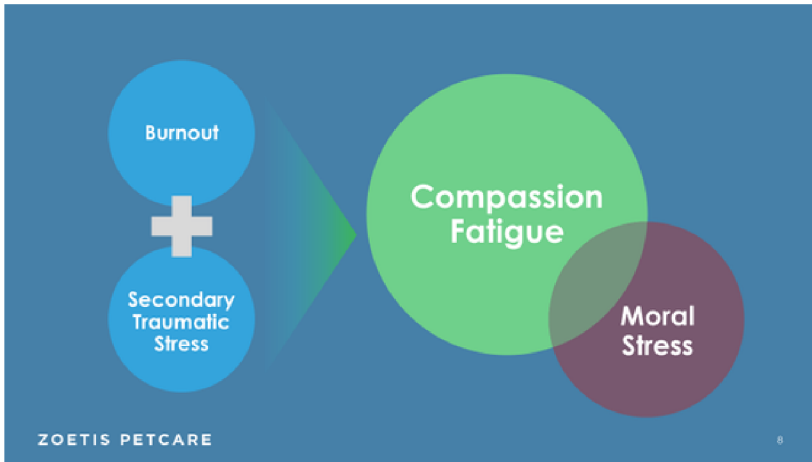
Abstract

OBJECTIVE: To evaluate the prevalence of suicide risk factors, attitudes toward mental illness, and practice-related stressors among US veterinarians.

9% have serious psychological distress

31% experienced depressive episodes

17% suicidal ideation



Burnout

What is it?

ZOETIS PETCARE

A chronic state of being out of synch with one or more aspect of your life, and the result is a loss of...

- ▶ Energy
- ▶ Enthusiasm
- ▶ Confidence

Secondary Traumatic Stress (STS)

- ▶ **Gradual** exposure to many, often **small**, traumas leading to eventual symptoms
- ▶ Symptoms can occur acutely
- ▶ One event can trigger symptoms
- ▶ Can be very subtle

ZOETIS PETCARE

Stressors that create poor wellness in veterinary teams

- ▶ Giving bad news
- ▶ Managing adverse events
- ▶ Euthanasia
- ▶ Interacting with difficult clients
- ▶ Working effectively in teams
- ▶ Balancing work and home
- ▶ Financial issues
- ▶ Moral stress

ZOETIS PETCARE

#1 is handling ethical dilemmas/moral stress
57% experienced 1–2 per week, 35% 3–5 x/week

11

Moral stress the top trigger in veterinarians' compassion fatigue

Veterinary social worker suggests redefining veterinarians' ethical responsibility

Veterinarians and Humane Endings: When Is It the Right Time to Euthanize a Companion Animal?

Oliver Kneel¹, Benjamin L. Hart², Aubrey H. Fine³, Leslie Cooper⁴, Emily Patterson-Kane⁵, Kendall Elizabeth Houlihan⁶ and Raymond Anthony⁷

- ▶ Moral Stress is **not** a loss of compassion
 - You are prevented from acting on what you believe is the compassionate, caring thing to do. Example: Knowing that an animal should be euthanized, but the family is not willing
- ▶ Ethical Decision-Making Frameworks can help minimize distress as a result of routinely performing euthanasia

ZOETIS PETCARE

12

Guilt

I need to apologize for something I've done

I **made** a mistake

Healthy guilt allows us to seek forgiveness and correct a wrong. It can lead to healing.

Shame

I need to apologize for who I am

I **am** a mistake

Shame causes us to fear that we will be rejected so it **tempts us to disconnect** from others and **avoid what causes us shame.**

Shame can make us **feel** like compassion fatigue is a **weakness**

What is the difference?

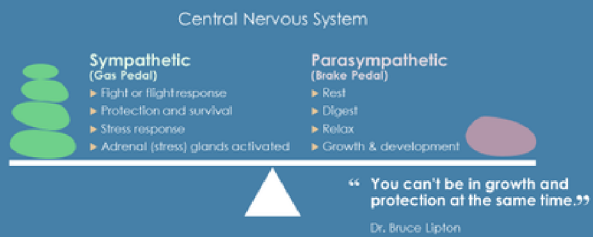
ZOETIS PETCARE

13

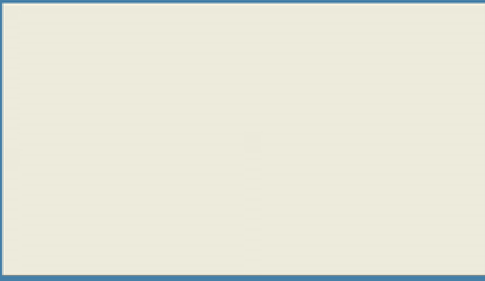
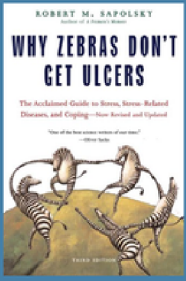
Recognize – Understand – Act: 3 Key steps to managing compassion fatigue & building resiliency

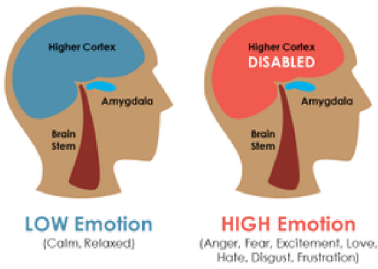


Science behind Compassion Fatigue



Why Zebras Don't Get Ulcers: Robert Sapolsky





Perceived threat leads to Amygdala Hijacking

Recognize – Understand – Act: 3 Key steps to managing compassion fatigue & building resiliency

1
Recognize emotional distress
✓

2
Understand the science
✓

3
Build a personal plan
✓

**CF Antibodies:
Self-care begins with YOU**



Make it a daily habit to take care of yourself.
10 min or 30 min, doesn't really matter how small your start.
Commit a part of each day to focus on recharging

ZOETIS PETCARE

9

Physical self-care

- ▶ Taking care of your body
- ▶ Most basic aspects: nutrition, rest, exercise

What you do for physical self care?

ZOETIS PETCARE



10

WEEKLY SELF-CARE PLANNER
WEEK OF: _____

	Physical	emotional	spiritual
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			
Sunday			

THE SIMPLE PARENT.COM

Self Care Bingo

Played with my pet	Read for fun	Took a nap	Went to bed at a reasonable time	Ate something delicious
Stretched	Did something fun before getting up	Washed my face	Spent time outside	Wrote LAZY
Tried something new	Took a relaxing bath	FREE SPACE	Wrote a thank you note	Made a gratitude list
Tried a new recipe	Worked out	Planned myself	Took quiet time	Called a friend
Spent quality time with someone I love	Drank or ate your favorite food	Was kind to myself	Did something good for me	Wrote some positive affirmations for myself

myfreebingocards.com

Free at:
<https://thesimpleparent.com/self-care-ideas/>

Free at:
www.myfreebingocards.com

ZOETIS PETCARE

11

CF Antibodies: Self-care begins

Sleep/wake

- ▶ 7-8 hours a night



Eat/drink

- ▶ Eat normally (3 meals)
- ▶ Water!

Physical self care

Relax

- ▶ Play with a pet
- ▶ Take breaks
 - Lunch time
 - Walks, sit outside



Exercise

- ▶ Go for a walk/run



Emotional self-care

- ▶ Having emotions is good – it means things matter to us
- ▶ Includes activities that help you acknowledge and express your feelings on a regular basis, happy, sad, or angry.



What you do for emotional self care?



Mental self-care

- ▶ The things that you're filling your mind with greatly influence your psychological well-being
- ▶ Focusing your attention on the present moment
- ▶ Doing things that keep your mind sharp

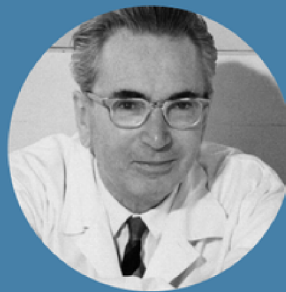


What you do for mental self care?



"Between Stimulus and Response there is a space. In that space is our power to choose our response. In our response lies our growth and our freedom."

Viktor E. Frankl



LESSONS FROM GEESE

Series of horizontal lines for writing notes.

What is the current state of your team's culture?

- Survey each team member and evaluate their individual needs
- Evaluate yourself!!!
- Recognize and Reflect
- Check in and consistency
- Create an action plan
- Toxic? Burnt out?



It takes time to make big changes, don't be afraid of the wait



Toxicity and Burn out

Toxic:

Exhibit actions that are detrimental to an organization's personnel, property, or vision



Burn out:

A syndrome conceptualized as resulting from chronic workplace stress that has not been successfully managed (W.H.O.)



RED FLAG

Toxic:

- Absenteeism
- Bullying/harassing
- Taking credit or sabotaging for other's work
- Complaining without action
- Blaming others for their mistakes
- Competitiveness/Comparing

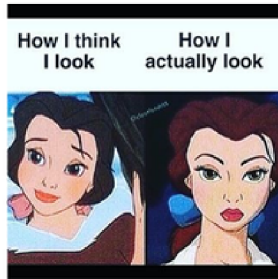
Burn out:

- Exhaustion
 - Mental, physical, emotional
- Cynicism
- Reduced or lack of accomplishment
- Detachment and avoidance



Look in the mirror!

- Is it hard to put in the effort?
- You feel drained and helpless?
- Need to fix everyone and everything?
- Unmotivated?
- Always sarcastic?
- Impatient with colleagues?
- Is it always someone else's fault?



Repairable? Or Irreparable? The Toxic Employee

- | | |
|---|-----------------------------------|
| <u>If it's you:</u> | <u>If it's them:</u> |
| - Be aware (think 1 st , act 2 nd) | - Foster an open environment |
| - Remember your values | - Give direct and honest feedback |
| - Stop, listen, and be open to criticism | - Hold them accountable |
| - <i>Let your ego go!</i> | - Assign independent tasks |
| - Be accountable | - Compromise |

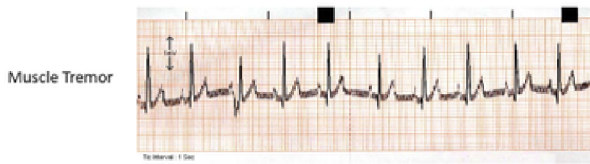


Repairable? Or Irreparable? The Burnt-Out Employee

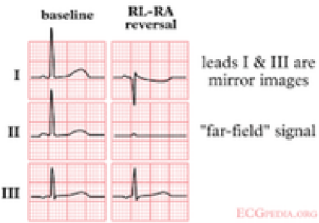
- | | |
|----------------------------------|-----------------------------|
| <u>If it's you:</u> | <u>If it's them:</u> |
| - Leave work at work | - Respect boundaries |
| - Get help – it's ok to ask! | - Avoid knee-jerk reactions |
| - Prioritize | - Do something nice |
| - Take time off! | - Be compassionate |
| - Meditate, practice mindfulness | - Offer and encourage EAP |
| - Get back to basics | - Be confidential |
| - Practice self compassion | - Change up job duties |



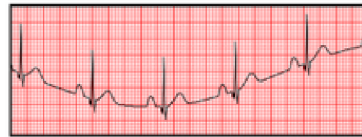
Commonly Seen Artifacts



Incorrect Lead Placement



Wandering Baseline: Resistance between patient and electrode. Can be caused by resp movement

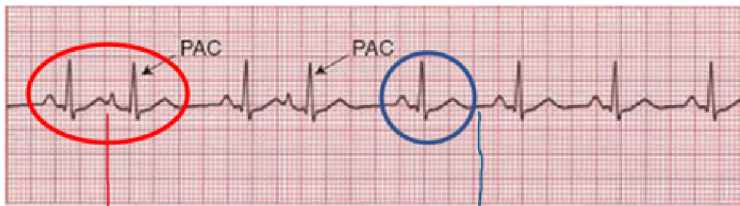


GCVS.COM



Premature Atrial Contraction

The atria contract before the ventricles have relaxed



There is no distinction between T and next P wave.

Notice the time between the normal T and next P wave

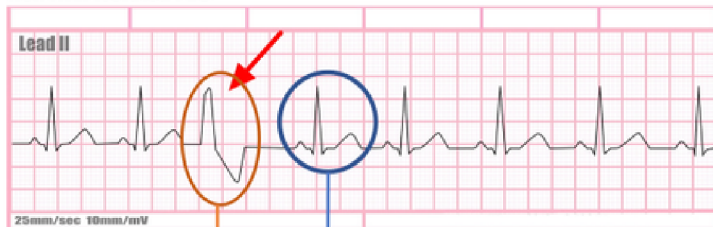


GCVS.COM



Premature Ventricular Contraction

NSR with isolated PVC NSR = normal sinus rhythm / PVC = premature ventricular contraction



No atrial contraction before ventricular contraction



GCVS.COM



Heart Block



First degree heart block
The interval between the P wave and the QRS complex is prolonged, but the sequence is normal



Second Degree heart block
P waves sometimes not followed by QRS complexes



Third Degree heart block
P wave, QRS complex pattern is irregular

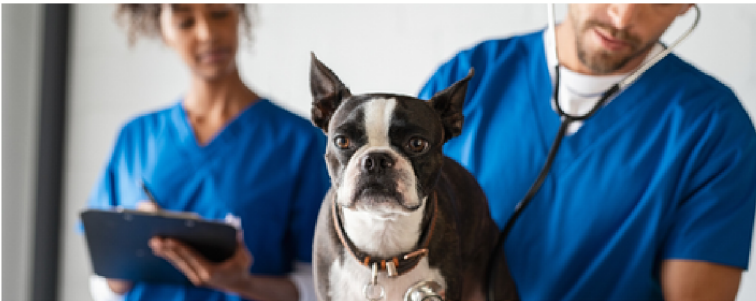


GCVS.COM

Questions??



GCVS.COM



GCVS GULF COAST
VETERINARY
SPECIALISTS

GCVS.COM

2023 SPONSOR DIRECTORY

PLATINUM SPONSORS



Barry Cannon

bcanon@brownsmedicalimaging.com

727-215-8242

brownsmedicalimaging.com

Brown's Medical Imaging has specialized in the sales and service of medical imaging equipment for over 25 years. Offering new and remanufactured CT, MRI and Digital X-ray systems for the veterinary community. Equipment available for both large and small animal applications. ISO certified remanufacturing of CT and MRI systems.



Jon Eric Bjorling

jon.bjorling@petmeadow.com

Pet Meadow

Pet Cremation and Memorial Services

At Texas Pet Meadow, we give families peace of mind through true private pet cremation and aftercare services located in Houston, TX.

2023 SPONSOR DIRECTORY

PLATINUM SPONSORS



Lauren Stanaland

lauren.stanaland@zoetis.com

zoetis.com

At Zoetis, our purpose is to nurture our world and humankind by advancing care for animals.

OUR HISTORY

**BROWN'S
MEDICAL
IMAGING**

Founded in 1995 and headquartered in Omaha, Brown's Medical Imaging (BMI) is a family-owned and operated company specializing in the sales and service of medical imaging equipment for over 25 years. Personalized customer attention is a longstanding BMI tradition and the cornerstone of our business philosophy.

WARRANTY



5-Year Warranty

Included with the purchase of any Fujifilm Supria 32 Plus, Supria True64 CT, or Accogent Pausch at the 2023 Gulf Coast Veterinary Specialists Symposium.

IMAGING SOLUTIONS



Everything Your Practice Needs

We offer a comprehensive selection of veterinary imaging equipment for sale. From digital radiography to ultrasound, CT scans, and MRI, we have everything you need. Find the right tools to enhance your veterinary practice with our top-notch equipment.



Scan to learn more!

CONTACT US

sales@brownsmedicalimaging.com
1 (800) 524-7166

Raising the Standards in Pet Cremations

***On average, we save clinics
at least 20% on
cremation and aftercare services.***

- ***100% True Private Cremation***
- ***Guaranteed 24-Hour Telephone Support***
- ***No ambiguous service fees***
- ***Open 7 days a week***
- ***Witness Services available***
- ***Highest Industry Accreditation***



For more information please contact:
Cody Coke - cody.coke@petmeadow.com



Texas Pet Meadow

14355 Spencer Rd (FM Rd 529) HOUSTON, TX 77095

**Contact Us by Phone 24hrs:
(713) 823-1002**

www.petmeadowtexas.com

Librela[®]
(bedinvetmab injection)

Librela is the **First and Only Monthly Injectable
Anti-NGF Monoclonal Antibody Therapy** for the
Control of Canine Osteoarthritis (OA) Pain



Effectively controls canine OA pain with a monthly injection



Approved as safe and functions like naturally occurring antibodies with minimal metabolism by the liver or kidneys³



Works differently than NSAIDs by reducing NGF effects, a key factor in canine OA pain⁴⁻⁶



Reduced canine OA pain, which led to increased activity and improved quality of life^{1,7-9*}

*Results from clinical studies conducted in the US and EU.^{1,9}
NGF=nerve growth factor; NSAID=nonsteroidal anti-inflammatory drug.



Scan the QR Code to learn
more at [LibrelaVetTeam.com](https://www.LibrelaVetTeam.com).

2023 SPONSOR DIRECTORY

GOLD SPONSORS



Rebecca Kramer

rebecca@bcpvetpharm.com

713-771-1144

bcpvetpharm.com

BCP Veterinary Pharmacy is the ORIGINAL animal only compounding pharmacy customizing dosages and tailoring flavors to make medicating your pets a treat. We are pharmacist owned and our new pricing and vast product availability makes us your one stop shop for compounded meds!



Kyle Herbst

kyle.herbst@dechra.com

210-393-5394

dechra-us.com

Dechra has a long history in the veterinary health market, and has grown into a global veterinary pharmaceuticals and related products business. Its expertise is in the development, manufacture and sales and marketing of high quality products exclusively for veterinarians worldwide. We continue to grow because we understand the challenges veterinarians face. We provide training, support and information that helps them help animals, as well as accessible science that enables vets to communicate with owners and farmers better. It's this perspective that makes us a preferred supplier`

2023 SPONSOR DIRECTORY

GOLD SPONSORS



Michael Moreau

michael.moreau@royalcanin.com
royalcanin.com

Health is something different for every pet, at Royal Canin we create tailored nutrition that helps cats and dogs live their healthiest lives.



Zach Walsh

zach.walsh@scribeamerica.com
954-228-7765

ScribeAmerica is the standard in professional scribe training and management. By continuing to innovate and expand the scribe industry we will fundamentally improve the delivery of care and quality of life for medical providers nationwide. Together, we can revolutionize how patient care is delivered.

BCP COMPOUNDS IT ALL



WE CARRY AND SOURCE THE
MEDICATIONS YOU NEED

TASTY FLAVOR CHEWS &
SUSPENSIONS

TRANSDERMAL GELS &
TOPICALS

STERILE
PRODUCTS
CAPSULES

INJECTABLES



ScribeAmerica

**VETERINARY
SCRIBES**

Booth #9

- ✓ Focus on the Patient
- ✓ Reduce Overtime & Burnout
- ✓ Improved Charting
- ✓ In-Person, Virtual, & AI Solutions

**WIN A NEW
PUTTER!**

DAY IN. DAY OUT. YOU WORK, WORK, WORK.



Reliable solutions for your
veterinary team. That work.

To order, please contact your Dechra or distributor
representative or call (866) 683-0660.

CAUTION: Federal law restricts these drugs to use by or
on the order of a licensed veterinarian.
Full prescribing information is available at www.dechra-us.com.

Dechra is a registered trademark of Dechra Pharmaceuticals PLC.
Dexmedeset, isospire, Torphadine and Tzed are trademarks of Dechra Veterinary Products, LLC.
Zenalpha is a registered trademark of Dechra Limited; all rights reserved.
© 2023 Dechra Veterinary Products. C230185



PRACTICE HEALTH PORTFOLIO

Nutrition Rx & Dx Support



STAY CURIOUS

CURIOSITY IS ASKING QUESTIONS TO
UNDERSTAND YOUR PATIENTS' NEEDS.
HEALTH IS UNCOVERING THE ANSWERS.

As cats grow and mature, they become experts
at hiding signs of diseases, like feline lower
urinary tract disease (FLUTD)— a condition
that reoccurs in 50% of the cats it affects.¹
Royal Canin® tailored nutrition solutions and
at-home screening tools provide the answers
you need to deliver proactive care for
improved health outcomes.

- Specialized screening and monitoring
products, like Royal Canin Hematuria
Detection, technology by BLÜcare, can
shorten the time between at-home
detection and proactive
in-clinic treatment.
- Exclusive access to our continuing
education tools will help you
navigate the ever-changing cat
treatment landscape and deliver
quality care for years to come.



**SPARK
YOUR
CURIOSITY**
Visit the
Royal Canin booth
to learn more.

Visit my.royalcanin.com/vet/urinary

REFERENCE: 1. Forrester SO. 2004.



2023 SPONSOR DIRECTORY

SILVER SPONSORS

Antech

Paul Torp
paul.torp@antech.com
antechdiagnostics.com

Trupanion

Sydney Castillo
sydney.castillo@trupanion.com
713-253-9988

Care Credit

Martin Normand
mnormand@carecredit.com

IDEXX

Megan Cenicola
megan-cenicola@idexx.com
857-413-7350

Elanco

Jenny Bennett
jenny.bennett@elancoah.com

Nutramax

Averi Woodard
awoodard@nutramaxlabs.com
816-273-9755

Fond Memories Pet Crematorium

Matt Mayton
mmayton@fondmemories.com

On Hold Marketing

Robert Younger
ry@onholdmarketingworks.com

Hills Pet Nutrition

Maj Angarano, DVM
maj_angarano@hillspet.com
817-455-7214
www.hillspet.com

Specialty Veterinary Pharmacy

Isaac Garcia
713-380-7912
isaac.garcia@svpmeds.com

Movora

Mollie Ford
mollie.ford@movora.com

Virbac




Charles Ganzzino
charles.ganzzino@virbacus.com
818-216-4754

Veterinary Anesthesia Support Service

Carrie Junge
carrie@vasservice.com
800-498-5575



Your Texas Compounding Pharmacy

-  Quality Medication at Affordable Prices
-  Fastest Turnaround in Texas
-  100% Patient Compliance

877-673-3705
SVPMEDS.COM



30 YEARS OF UNMATCHED QUALITY
NUTRAMAX
LABORATORIES

Booth #19

-  JOINT
-  LIVER
-  GASTROINTESTINAL
-  DENTAL HEALTH
-  SKIN & COAT
-  URINARY
-  RENAL



Visit booth #19 for the show special
Averi Woodard
awoodard@nutramaxlabs.com

OUR MISSION IS TO SERVE THE LORD AND GLORIFY HIM USING THE GIFTS HE HAS GIVEN OUR EMPLOYEES TO RESEARCH, DEVELOP, MANUFACTURE, AND MARKET PRODUCTS THAT IMPROVE THE QUALITY OF LIFE FOR PEOPLE AND THEIR PETS.



Tap into decades of expertise from the Movora family of brands through our broad portfolio of surgical products and quality instruments.



Visit Movora in the exhibit hall or online at movora.com!

trupanion™
Medical insurance for the life of your pet.

We can pay your hospital directly at checkout!

Because Trupanion can pay our share of an invoice directly to any hospital at checkout, pet parents can more easily say 'yes!' to the treatment their pet needs.

Learn why over 1 million pet parents have chosen us to pay their invoice!





Budget-friendly financing for veterinary care is friendlier than ever.

Learn More



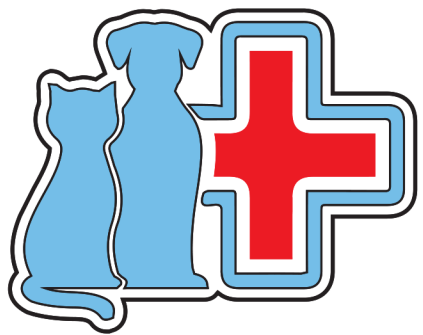
© 2023 Synchrony Bank

OnHold Marketing

713.594.9136

onholdmarketingworks.com

The preferred message on-hold provider by leading veterinary practices!



Introducing your friend in the fight — powerful nutrition designed for dogs with cancer.

NEW

ONC CARE

nutrition & support

VETERINARIAN RECOMMENDED

SCIENCE DID THAT.

Highly Recommended

WE ARE A PROUD LEADING VETERINARY ANESTHESIA SERVICE & EQUIPMENT PROVIDER

Veterinary Anesthesia Support & Service

'HEAD TO TAIL' MACHINE SERVICE ↔ EXPERIENCED STAFF ↔ LARGE SERVICE TERRITORY

WE'D LOVE TO HEAR FROM YOU! 800-498-5575 WWW.VASSERVICE.COM INFO@VASSERVICE.COM

2023 SPONSOR DIRECTORY

NICKEL SPONSORS

Nova Biomedical

Keith Simpson
ksimpson@novabio.com
830-463-9128
novabiomedical.com

Veterinary Books By Success Concept

Jed Hughes
jedhughes@rocketmail.com

ROO

Saul Lara
saul.lara@roo.vet
510-595-3416
roo.vet

Wedgewood Pharmacy

Mike Wiley
mwiley@wedgewoodpharmacy.com
512-525-9064

Torigen Pharmaceuticals

Larissa Czupik
larissa@torigen.com
937-716-9944
torigen.com