UBM

The best read veterinary team journal. Bam.

ALL HAIL MIGHTY technicians

You, cant afford me.

Is your respect limited to clients with unlimited budgets? p12







URINARY TRACT DISEASE

Meet the only solution with **Triple Barrier Protection**



DISSOLVE STRUVITE STONES



REDUCE THE RISK OF OXALATE AND STRUVITE STONES



REDUCE INFLAMMATION FROM UTIS AND STONES

PRESCRIPTION DIET*

c/d Multicare Canine

Breakthrough Triple Barrier Protection is shown to:

- 1 Restore and fortify GAG layer
- 2 Reduce inflammation from UTIs and stones
- 3 Optimize the bladder environment to prevent crystals and potential for uroliths

Together we can now help reduce the risk of stones coming back for better days ahead.









02 All hail mighty techs! + Social media tips + Managers: the key to Fear Free

04 When clients get violent

06 Shortcuts for managers + Better pet insurance talks + an IV catheter placement hack

08 Trick or treat? Tasty products

20 We're No. 1 (and you are, too!)

firstine

CONTENT GROUP Feam Channel Director | Portia Stewart portia.stewart@ubm.com

portia.stewart@ubm.com
Content Manager | Adrienne Wagner
Senior Content Specialist | Jennifer Gaumnitz
ate Content Specialist | Katie James and Sarah Dowdy
Assistant Content Specialist | Hannah Wagle
Clinical Content Manager | Heather Lewellen, pww.
Technical Editor | Jennifer Vossman, rvr
Digital Content Director | Jessica Zemler
Digital Design Director | Ryam Kramer
Digital Content Manager | Alison Fulton
Multimedia Producer | Troy Van Hom

EDITORIAL ADVISORY BOARDOur board members provide critical insights into the challenges veterinary team members face every day, and they help *Firstline* provide content that is relevant and useful to all practice team members.

Dennis Cloud, DVM | Sharon DeNayer |
Debbie Allaben Gair, CVPM | Jennifer Graham
Bash Halow, CVPM, LVT | Marianne Mallonee, CVPM
lawn McVey, MA, MSW | Clera Miller, CVT | Julie Mullins
Kyle Palmer, CVT | Nancy Potter
Oriana D. Scislowicz, BS, LVT | Rachael Simmons
Mandy Stevenson, RVT | Pam Weakley

SALES

Sales Director | David Doherty

(913) 871-3870 | david doherty@ubm.com
Account Manager | Angie Homann

(913) 871-3917 | angie.homann@ubm.com
Account Manager | Angela Paulovcin

(440) 891-2629 | angela paulovcin@ubm.com
Account Manager | Terry Reilly

(913) 871-3871 | terry.reilly@ubm.com
Account Manager | Heather Townsend

(913) 871-3874 | heather.townsend@ubm.com

Digital Data Analyst | Jenny Shaffstall (913) 871-3854 | jenny.shaffstall@ubm.com Sales Coordinator | Anne Belcher (913) 871-3876 | anne belcher@ubm.com Books/Resource Guide Sales | Maureen Cannon (440) 891-2742 | maureen.cannon@ubm.com

Marketing Director | Brenda Andresen brenda andresen@ubm.com Marketing Designer | Andrew Brown Marketing Copywriter | Tim English

UBM AMERICAS, VETERINARY

Vice President & Managing Director | Becky Turner Chapman

(913) 871-3810 | becky.turnerchapman@ubm.com ice President, Digital Product Management | Mark Eisler Group Content Director | Marmette Falley Medical Director | Theresa Entriken, ovm CVC Director | Peggy Shandy Lane Business Manager | Chris Holston

Senior Managing Director | Tom Ehardt

Subscriber Services: Visit dvm360.com to request or change a subscription, or call our Customer Service Department toll-free at 888-527-7008. Reprints: Call 877-652-5295 ext. 121, or write to bkolb@ wrightsmedia.com. Outside the US, UK, direct dial 281-419-5727 ext. 121. Books and Resource Guides: Visit industrymatter.com. List Rental Sales: Call Anne Belcher at 913-871-3876, or write anne. belcher@ubm.com. Editorial Offices: UBM Americas, Veterinary, 8033 Flint, Lenexa, KS 66214; 913-871-3800. Websites: dvm360.com; TheCVC.com; UBMAmericas.com, ubm.com.

STATEMENT OF OWNERSHIP, MANAGEMENT, AND CIRCULATION (Requester Publications Only) (Required by 39 USC 3685)

1. Publication Title: Firstline

2. Publication Number: 1095-0613

3. Filing Date: 9/30/16 4. Issue Frequency: Monthly

 Number of Issues Published Annually: 12
 Annual Subscription Price (if any): \$21.00
 Complete Mailing Address of Known Office of Publication: 131 West First Street, Duluth, St. Louis County, Minnesota 55802-2065 Contact Person: Jessica Stariha Telephone: 218-740-6870

Complete Mailing Address of Headquarters or General Business Office of Publisher: 2 Penn Plaza, 15th Floor, New York, NY 10121

Full Names and Complete Mailing Addresses of

Sales Director: David Doherty, 8033 Flint, Lenexa, KS 66214 Content Manager: Adrienne Wagner, 8033 Flint, Lenexa, KS 66214

Group Content Director: Marnette Falley, 8033 Flint, Lenexa, KS 66214

10. This publication is owned by: Advanstar Communications Inc., 2 Penn Plaza, 15th Floor, New York, NY 10121. The sole shareholder of Advanstar Communications Inc. is: Rocket Holdings, Inc., 1983 Marcus Ave., Suite 205, Lake Success, NY 11042.

11. Known Bondholders, Mortgages, and Other Security Holders Owning or Holding 1 Percent or More of Total Amounts of Bonds,

Mortgages, or

Other Securities. If none, check box. —

✓ None

12. Does Not Apply

13. Publication Title: Firstline

14. Issue Date for Circulation Data Below:

August 2016

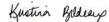
15.	Extent and Nature of Circulation		
		Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
A.	Total Number of Copies	23,402	23,218
В.	Legitimate Paid and/or Requested Distribution		
1.	Subscriptions Stated on PS Form 3		13,822
2.	In-County Paid/Requested Mail Subscriptions Stated on PS Form 3		0
3.	Sales Through Dealers and Carrier Street Vendors, Counter Sales, and Paid or Requested Distribution Ou	d Other	5
4.	Requested Copies Distributed by (Mail Classes Through the USPS	Other 0	0
C.	Total Paid and /or Requested Circl (Sum of 15b (1), (2), (3), and (4))	ulation 13,856	13,827
D.	Non-requested Distribution		
1.	Outside County Non-requested Co Stated on PS Form 3541	opies 9,282	9,045
2.	In-County Non-requested Copies Stated on PS Form 3541	0	0
3.	Non-requested Copies Distributed the USPS by Other Classes of Mail		0
4.	Non-requested Copies Distributed Outside the Mail	1 240	323
E.	Total Non-requested Distribution (Sum of 15d (1), (2), (3) and (4))	9,522	9,368
F.	Total Distribution (Sum of 15c and e)	23,378	23,195
G.	Copies not Distributed	23	23
H.	Total (Sum of 15f and g)	23,402	23,218
I.	Percent Paid and/or Requested Circulation	59.27%	59.61%
16	Flectronic Conv Circulation		

16. Electronic Copy Circulation

*If you are not claiming electronic copies, skip to line 17

17. Publication of Statement of Ownership for a Requester Publication is required and will be printed in the October issue of this publication.

Name and Title of Editor, Publisher, Business Manager, or Owner: Kristina Bildeaux, Audience Development Director



Date: 9/30/16

I certify that the statements made by me above are correct and complete.

PEARLS

(Lustrously good advice and tips)

Social media: a conversation

Facebook, Twitter, Instagram, Pinterest—it doesn't matter. You can't just talk at people ... you gotta talk to people!



By Christine Scarborough, RVT, CVPM

My idea starts with a great video I saw recently. Tara Hunt—a big thinker in online and social marketing—produces the web series Truly Social. In "Your Definition of Social Is Wrong," she gives examples of activities that businesses engage in that really aren't social and why they aren't connecting with their audiences. Scheduling posts, placing ads and generating automated responses are just a few of the activities she mentions. I think I know what she's talking about. Today's social media managers need to know when to talk ... and when to shut up.

1. TALK, DON'T TELL

If you're just posting an ad for a product or service, you're not engaging with clients. Clients want to know how you can be of value to them and their pet, not how they can be of value to you. Think about this the next time you post something on Facebook or YouTube about Dental Month specials. Don't just publicize a discount—explain why dentals are necessary and beneficial. Post questions, not just statements, and thoughtfully respond to comments.

2. DON'T ARGUE WITH CLIENTS

We all deal with nasty remarks on social media. Arguing with a client in public online is damaging to your reputation and a surefire way to ruin relationships. What the client posts may be hurtful or false, but as professionals it's important for us to rise above our feelings. One of the best ways to respond is to acknowledge the client's remarks and offer to call them to resolve the situation. This shows everyone reading online that not only do you monitor

your social media channels, but you also want to try to resolve client complaints. If you instead attack the client, you're showing the audience you're not just unwilling to try to resolve a complaint, but you're teaching them to stay quiet when they aren't satisfied and just never come back your practice again.

Christine Scarborough, RVT, CVPM, owns Scarborough Veterinary Consulting in Villa Rica, Georgia.

It's never too late to appreciate.

Find tips and tools to appreciate your technicians and nurses, including the latest developments on credentialing efforts from the National Association of Veterinary Technicians in America, at **dvm360.com/techweek**. You'll also find this "pawsome" form to complete and pass to your favorite team member today, as well as a heartfelt message from pets (and the dvm360 team) to all of the technicians and nurses who work to offer the best client and patient care in private practice, shelter medicine, universities, specialty clinics and more.



To download, go to dvm360.com/techweek.



One key to Fear Free: Practice managers

In practices that want to start implementing lower-stress techniques it's the veterinarian's job to lead by example and help set the protocols and choose the products you need, says Jonathan Bloom, DVM. But the practice manager is another

important role in this movement. "The manager is the one who makes the products and protocols available to the team," he says. The manager is also the one who gets the entire hospital on board with procedure changes to make sure that every pet is treated with the same amount of respect and care that their own pets would receive, he says.

ASK THE EXPERTS

On Saturdays our clinic is open from 8 a.m. to noon and run by appointment only, except for client emergencies. We recently had a man come in with a sick cat, and we referred him to an emergency clinic that could see him right away, as our doctor wasn't scheduled to be in for another 45 minutes. It was a holiday weekend and we had been given strict instructions by the practice owner not to see non-clients. The man became angry and said he'd wait for the doctor to come in. He eventually left and didn't

come back. Do you have any advice for handling a situation like this? We're an all-female clinic and have been threatened by angry male clients before.

—Frightened

Dear Frightened,

Your situation is complicated, so let's focus on approaches to protect your other clients and veterinary team. Angry people can be scary. Unfortunately, it's possible that this person is truly a threat and must be handled accordingly. Follow these steps:

> Identify a confident, composed leader on your team who can have a conversation with an angry pet owner without escalating the problem.



Kyle Palmer, CVT

> Since the angry man isn't a client, ask to step outside to discuss the matter. This takes him out of earshot of other clients and away from a more heavily populated area just in case things go badly.

> Explain the problem from your other clients' perspective. They all have schedules too and can't just wait while his cat is seen instead of theirs. If he's not sensitive to that approach, take the position that waiting to be seen isn't in his cat's best interest. Arguing about it delays treatment, and you care about his cat's wellbeing.

> Apologize and be sincere. Studies show that it's much harder to maintain anger when the other party is apologetic. Lie if you have to, but decelerating the situation is always better.

If he won't go away, consider calling the police. Before doing so, however, I'd allow him to think that we were going try and work him in if he could just have a seat in his car while the veterinarian wrapped up the case he or she was working on. At that point, if the problem escalates and you feel that his threatening demeanor is truly dangerous, and he refuses to wait outside, I would consider placing him in an open exam room, have your technician get started taking temperature, pulse and respiratory rate (if that's your process), and call the police while

you stall. The options that involve the police will put the practice in some future risk from him, and I'd consider a filing for a restraining order if it came to that.

If your most confident team member can't talk the man into leaving

on his own, then it may be the least dangerous option to see the cat, despite your owner's directive. Fire the client later, but in all cases, the safety of your team and other clients must take priority over everything else, even if it means an extra hour on a holiday weekend.

-Kyle Palmer, CVT

Kyle Palmer, CVT, is a Firstline Editorial Advisory Board member and a practice manager at Silver Creek Animal Clinic in Silverton, Oregon.



MINIMALISM CAN BE MAGNIFICENT.

The ULTRA line of 0.5 mL vaccines* offers:

- Pet owners effective protection with minimal injection volume for their pet
- Veterinarians the opportunity to provide a better vaccine experience for their patients

And that's a beautiful thing.

Contact your Boehringer Ingelheim Vetmedica, Inc. sales representative or visit ULTRAvaccines.com to learn more.



Vaccines reimanined.

*The ULTRA vaccine line includes ULTRA™ Duramune® and ULTRA™ Fel-O-Vax®

ULTRA DURAMUNE and ULTRA FEL-O-VAX are registered trademarks

of Boehringer Ingelheim Vetmedica, Inc.

© 2015 Boehringer Ingelheim Vetmedica, Inc. VAC0515002 1589

7 steps to better pet insurance talks

We're not selling you on pet insurance here. But if you're sold on pet insurance and want your clients sold on it too, here are steps to make that happen. dvm360.com/insurancetalk



Have you tried the warm compress trick for difficult IV placements?

Obtaining vascular access can be difficult in shocky patients with poor perfusion. Applying a warm compress to the vessel can help the vein stand



up to improve visualization. Also, flushing the IVC before insertion helps you see the flash when BP is low.

Colleen Manthe, RVT, and Julia Morrow, RVT

BluePearl Veterinary Partners

Overland Park. Kansas

INSIDER'S INSIGHTS

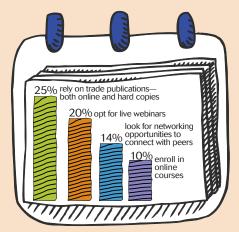
By Christine Shupe, CAE, Executive Director, VHMA



Shortcuts ... for overworked managers

Ask 10 veterinary managers to describe their jobs and responsibilities. You may end up with 50 different descriptions, but it's a sure bet that each response will include some reference to being overloaded.

So, what to do when you are trying to strike a balance between being up-to-date professionally and also addressing all the demands of your job? VHMA designed a recent Insider's Insights survey around the topic of shortcuts, and 217 owners, managers and administrators responded.



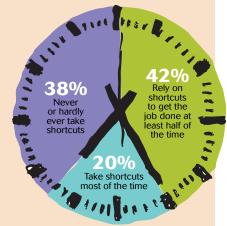
MAINTAINING PROFESSIONAL FITNESS

Continuing education and access to information about emerging industry trends and developments keep veterinary professionals in tiptop shape. However, many managers are juggling so many responsibilities that extended time away from the office may not be practical.

THE TIME CRUNCH

There comes a time when managers must make a decision when there are too few hours in the day and too many tasks to be completed. What do they do? According to the survey respondents, they delegate! Thirty-seven percent reported they assigned the task to a responsible employee.

But as much as many managers would like to give 100 percent, 100 percent of the time, it may not be possible.



APPEALING ASSISTANTS

And in the age of technology and computers, just how many managers have an app for getting things accomplished in a timely manner? In truth, not many! Seventy-seven percent said they use no app. Those who use apps use Basecamp, Microsoft Project, Evernote, Trello and Asana.

#1 in flea and heartworm protection*

5 in 1 parasite protection



Fleas



Heartworms



S Roundworms



← Hookworms



Ear Mites

Adds up to unlimited purrs.

REVOLUTION® (selamectin) effectively kills fleas and prevents flea eggs from hatching, while providing broad-spectrum parasite control. Unlike some parasiticides, it's safe for breeding and nursing cats and doesn't require separation from family or other pets after application.



revolution4catsdvm.com

IMPORTANT SAFETY INFORMATION:

Do not use REVOLUTION on sick, weak, or underweight cats. Use only on cats 8 weeks and older. Side effects may include digestive upset and temporary hair loss at application site with possible inflammation. In people, REVOLUTION may be irritating to skin and eyes. Wash hands after use. See Brief Summary of full Prescribing Information on page 08.

*VetInsite™ Analytics January 2016. Zoetis data on file.



revolution[®]

Topical Parasiticide For Dogs and Cats

BRIEF SUMMARY:

See package insert for full Prescribing Information.

CAUTION:

US Federal law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS

Revolution is recommended for use in dogs six weeks of age or older and cats eight weeks of age and older for the following parasites and indications:

Brook Revolution kills adult fleas and prevents flea eggs from hatching for one month and is indicated for the prevention and control of flea infestations (Ctenocephalides felis), prevention of heartworm disease caused by Dirofilaria immitis, and the treatment and control of ear mite (Otodectes cynotis) infestations. Revolution also is indicated for the treatment and control of sarcoptic mange (Sarcoptes scabiei) and for the control of tick infestations due to Dermacentor variabilis.

Cats:

Revolution kills adult fleas and prevents flea eggs from hatching for one month and is indicated for the prevention and control of flea infestations (Ctenocephalides felis), prevention of heartworm disease caused by Dirofilaria immitis, and the treatment and control of ear mite (Otodectes cynotis) infestations. Revolution is also indicated for the treatment and control of roundworm (Toxocara cati) and intestinal hookworm (Ancylostoma tubaeforme) infections in cats.

WARNINGS:

Not for human use. Keep out of the reach of children.

In humans, Revolution may be irritating to skin and eyes. Reactions such as hives, tiching and skin redness have been reported in humans in rare instances. Individuals with known hypersensitivity to Revolution should use the product with caution or consult a health care professional. Revolution contains isopropyl alcohol and the preservative butylated hydroxytoluene (BHT). Wash hands after use and wash off any product in contact with the skin immediately with soap and water. If contact with eyes occurs, then flush eyes copiously with water. In case of ingestion by a human, contact a physician immediately. The material safety data sheet (MSDS) provides more detailed occupational safety information. For a copy of the MSDS or to report adverse reactions attributable to exposure to this product, call 1-888-963-8471.

Flammable - Keep away from heat, sparks, open flames or other sources of ignition. Do not use in sick, debilitated or underweight animals (see SAFETY).

PRECAUTIONS:

Prior to administration of Revolution, dogs should be tested for existing heart-worm infections. At the discretion of the veterinarian, infected dogs should be treated to remove adult heartworms. Revolution is not effective against adult D. immitis and, while the number of circulating microfilariae may decrease following treatment, Revolution is not effective for microfilariae clearance.

Hypersensitivity reactions have not been observed in dogs with patent heartworm infections administered three times the recommended dose of Revolution Higher doses were not tested.

ADVERSE REACTIONS

Pre-approval clinical trials:
Following treatment with Revolution, transient localized alopecia with or without inflammation at or near the site of application was observed in approximately 1% of 691 treated cats. Other signs observed rarely (≤0.5% of 1743 treated cats and dogs) included vomiting, loose stool or diarrhea with or without blood, anorexia, lethargy, salivation, tachypnea, and muscle tremors.

Post-approval experience:

In addition to the aforementioned clinical signs that were reported in preapproval clinical trials, there have been reports of pruritus, urticaria, erythema, ataxia, fever, and rare reports of death. There have also been rare reports of seizures in dogs (see **WARNINGS**).

Revolution has been tested safe in over 100 different pure and mixed breeds of healthy dogs and over 15 different pure and mixed breeds of healthy cats, including pregnant and lactating females, breeding males and females, puppies six weeks of age and older, kittens eight weeks of age and older, and avermectinsensitive collies. A kitten, estimated to be 5–6 weeks old (0.3 kg), died 8 $\frac{1}{2}$ hours after receiving a single treatment of Revolution at the recommended dosage. The kitten displayed clinical signs which included muscle spasms, salivation and neurological signs. The kitten was a stray with an unknown history and was malnourished and underweight (see **WARNINGS**).

DOGS: In safety studies, Revolution was administered at 1, 3, 5, and 10 times the DOGS: In safety studies, Revolution was administered at 1, 3, 5, and 10 times the recommended dose to six-week-old puppies, and no adverser reactions were observed. The safety of Revolution administered orally also was tested in case of accidental oral ingestion. Oral administration of Revolution at the recommended topical dose in 5-to 8-month-old beagles did not cause any adverse reactions. In a pre-clinical study selamectin was dosed orally to ivermectin-sensitive collies. Oral administration of 25, 10, and 15 mg/kg in this dose escalating study did not cause any adverse reactions; however, eight hours after receiving 5 mg/kg orally, one avermectin-sensitive collie became ataxic for several hours, but did not show any other adverse reactions after receiving subsequent doses of 11 and stepons any other adverse reactions after receiving 5 mg/kg. not show any other adverse reactions after receiving subsequent doses of 10 and 15 mg/kg orally. In a topical safety study conducted with avermectin-sensitive collies at 1, 3 and 5 times the recommended dose of Revolution, salivation was observed in all treatment groups, including the vehicle control. Revolution also was administered at 3 times the recommended dose to heartworm infected dogs, and no adverse effects were observed.

CATS: In safety studies, Revolution was applied at 1, 3, 5, and 10 times the recommended dose to six-week-old kittens. No adverse reactions were observed. The safety of Revolution administered orally also was tested in case of accidental oral ingestion. Oral administration of the recommended topical dose of Revolution to cats caused salivation and intermittent vomiting. Revolution also was applied at 4 times the recommended dose to patent heartworm infected cats, and no adverse reactions were observed.

In well-controlled clinical studies, Revolution was used safely in animals receiving other frequently used veterinary products such as vaccines, anthelmintics, antiparasitics, antibiotics, steroids, collars, shampoos and dips.

STORAGE CONDITIONS: Store below 30°C (86°F).

HOW SUPPLIED: Available in eight separate dose strengths for dogs and cats of different weights (see DOSAGE). Revolution for puppies and kittens is available in cartons containing 3 single dose tubes. Revolution for cats and dogs is available in cartons containing 3 or 6 single dose tubes.

NADA 141-152, Approved by FDA

zoetis

Distributed by: Zoetis Inc. Kalamazoo, MI 49007

www.revolutionpet.com

Mmmmm, treats!

Don't let pet owners get spooked by the array of treat options in the pet store. Check out this selection and start tailoring your recommendations.



1. GENTLE SNACKERS

Purina Pro Plan Gentle Snackers are truly unique treats, based on the successful hypoallergenic formula. Gentle Snackers can be safely given to dogs with food allergies or sensitive gastrointestinal tracts. The treats have been formulated to achieve low molecular weight, have a single hydrolyzed protein source and are exceptionally palatable. Each canine treat contains approximately 14 kcal of metabolized energy.

2. PILL POCKETS

Pets are smart about avoiding their meds, so why not help pet owners be smarter? Greenies Pill Pockets make it easy. Pet owners won't feel the need to hide pills in high-calorie foods like cheese or lunchmeat. These treats take the stress and mess out of administering tablets or liquid medication. The easy-to-use pouches mask the smell and taste of medicine and deliver a real peanut butter flavor dogs will love.



3. THERAPEUTIC TREATS

Royal Canin has unveiled a new line of veterinary-exclusive treats designed to support special dietary needs of cats and dogs on therapeutic diets. The new line works with therapeutic diets to enable clients to bond with their pets without compromising the efficacy of nutritional therapy. The treats are available in four different formulations— Urinary, Gastrointestinal, Hydrolyzed Protein and Satiety—and come in both dog and cat versions. The company's original treat has been redesigned to be thinner and contain fewer calories per treat, though the formulation has not been changed.

> For a larger selection of treats featured on the dvm360.com marketplace, head over to dvm360.com/treats.



Back in the proper place:

How to Solve CU11e house soiling

Cats want to do the right thing when it comes to the litter box, but sometimes disease or their environment overrides the instinct. Here's how to help.

By Ilona Rodan, DVM, DABVP (feline practice)

f a cat eliminates outside of its litter box, whether right next to the box or elsewhere, it's called house soiling. The most common causes are medical problems and stress, which is why cats that house soil need veterinary care.

Encourage a confession

Many cat owners don't let their veterinary teams know about house soiling behaviors. They may be embarrassed, think it's normal for their cats, or assume we won't be able to help.

Owners also may not tell us because they think their cats soiled outside the box to spite them. In one large survey, 66% of cat owners thought their cat house soiled out of spite.¹

Cats, of course, are not spiteful. They eliminate outside the box because of stress associated with a new cat moving in or because the box wasn't cleaned while the owner was gone all weekend or any number of reasons that cause feline stress.

Since many owners don't mention the problem, it's important to ask at each appointment if the cat has ever eliminated outside the box. It's also important to let owners know to contact you if their cats eliminate outside the box even once.

Disengage marking triggers

House soiling may be caused by the cat trying to mark its territory. If the cat is not spayed or neutered, that is the first step to remove marking triggers. However, even neutered cats may spray because of the presence of other cats, whether it's outside cats looking in on an indoor cat's territory or a cat within the home that it does not like. Giving the cat a safe territory away from cats it is not bonded with is very helpful. Removing the scent of marking and adding pheromones to the environment are important as well.

Remember the four basic causes of house soiling

Identifying the cause of feline house soiling is like solving a mystery. It can be overwhelming if the plan isn't broken down into the four basic causes:

- 1. Medical causes
- **2.** Feline idiopathic cystitis, which has been shown to be associated with stress
 - 3. Marking such as spraying
 - **4.** Environmental or social factors.

Keep in mind that a cat may have two or more problems at the same time. For example, a cat that sprays may also have calculi or bladder stones. Perform medical history and diagnostics first, then rule out the other problems one by one.

More resources

AAFP and ISFM guidelines: www. catvets.com/guidelines/practiceguidelines/house-soiling Feline house soiling brochures: www.catvets.com/guidelines/ client-brochures

Help pinpoint medical causes

The most common cause of house soiling is an underlying medical problem. The cat may still be using the litter box some or most of the time. A veterinary appointment to gather a thorough history and perform an examination and diagnostic testing are essential to identify the cause. Diagnostic tests may vary based on the cat's age and whether urine or stool or both are deposited outside the litter box.

As a veterinarian certified in feline practice and a behaviorist, I rou-

tinely see cats for behavior consultations. Often in these cases underlying medical problems are still undetected because the diagnostic testing was not complete.

For example, a cat that sprayed urine with blood was found on ultrasonography to have bladder stones that radiography did not detect, and an older cat was found to have hyperthyroidism that was causing fecal soiling. A thorough medical workup is always indicated.

Create the ultimate litter box experience!

House soiling issues are often related to the litter box itself. We need to consider how many boxes are needed, their locations, their size, the appropriate litter and the frequency of cleaning.

Number. The more cats in a household, the more litter boxes needed. The rule of thumb is one litter box per cat plus one. For example, if there are two cats in the household, three boxes are needed.

Location. Clients need to understand that multiple boxes next to each other are like one big box for cats. Cats want a private and quiet area to eliminate, without competing with other cats to get to it. Boxes should be out of view from other boxes and easily accessible so a timid cat doesn't need to pass by a bully cat to reach it.

Size. Boxes should be about 1.5

times the size of the cat—from the tip of the nose to the base of the tail—to allow the cat to enter, turn around, scratch and eliminate.

Litter type. Most cats prefer sand or soil litter as they would use in the wild. Unscented clumping sand litter is an excellent option to keep boxes easier to clean for owners and desirable for cats. Many cats do not like box liners or covers, but a shy cat may prefer a covered box.

Cleaning. Litter boxes should be scooped a minimum of once daily. A box with nonclumping litter should be changed every week. Boxes with clumping litter may need cleaning only every four weeks, but it depends on the number of cats, if boxes are cleaned daily and whether there's more than normal urine or stool in the box due to a medical problem.

Reference

1. Kass PH, New JC Jr, Scarlett JM, et al. Understanding animal companion surplus in the United States: relinquishment of non-adoptables to animal shelters for euthanasia. *J Appl Anim Welfare Sci* 2001;4:237-248.

Ilona Rodan, DVM, DABVP (feline), is an expert in feline medicine, behavior consultant and an associate at Cat Care Clinic in Madison, Wisconsin. She is co-chair of the American Association of Feline Practitioners' Cat Friendly Practice Committee. The American Association of Feline Practitioners created the Cat Friendly Practice program, which provides clinics with the tools to integrate a feline perspective in both the physical environment of the practice and the way medical care is delivered. It equips practices with the tools, resources and information to elevate the treatment, handling and overall healthcare of cats, as well as emphasizes ways to reduce the stress associated with the visit. To learn more, visit www.catvets.com/cfp.



STRESS AND FELINE IDIOPATHIC CYSTITIS

Let's break the cycle together

The first nutrition clinically tested to reduce the recurrence of FIC signs, with ingredients to help manage stress



c/d° Multicare Stress Feline



Added L-tryptophan and hydrolyzed casein to help manage stress, a known risk factor for FIC1,2



Clinically tested to reduce the recurrence of FIC signs by 89%3



Clinically tested to dissolve struvite stones in as little as 7 days4 (Average 27 days)

For more information, talk to your Hill's Representative.

Pereira GG, Fragoso S, Pires E. Effect of dietary intake of L-tryptophan supplementation on multi-housed cats presenting stress related behaviours, in *Proceedings*. BSAVA 2010.

-Beata C, Beaumont-Graff E, Coll V, et al. Effect of alpha-casozepine (Zylkene) on anxiety in cats. J Vet Behav. 2007;2(2):40-46.

**Rivger JM, Lulich JP, MacLeay J, et al. Comparisons of loods with differing nutritional profiles for long-term annagement of acute nonobstructive idiopathic cystitis in cats.

Any Letter 1, 2007, 1907

©2016 Hill's Pet Nutrition, Inc. ®/™ Trademarks owned by Hill's Pet Nutrition, Inc.





can't afford me."

of they can't afford their pets they shouldn't have them!

hear this judgment almost every single day, but is it fair?

LET'S GET PERSONAL (INSTEAD OF JUDGMENTAL)

Have you ever been just one or two paychecks away from financial ruin? I know I have, and I bet I'm in good company in this notoriously low-paying profession.

Rent, mortgage payments, bills and student loan payments can pile up quickly. Our financial status can become so precarious and unstable that just one more hit could prove disastrous. Maybe a family member gets

sick and needs help paying their rent. Maybe your pet needs emergency surgery. Maybe your car breaks down and you need to pay for repairs. Almost everyone faces similar unexpected expenses at some point. How would these expenses affect you?

Some experts recommend having enough money saved to cover at least six months' worth of bills. If you're like most Americans, you probably don't. What would happen if you lost your job? Your bills would keep coming regardless of whether you could pay them. What would you do?

POVERTY AND PET OWNERS

Many people in this position end up losing everything. Can you imagine what it would be like to walk away from your home and all your belongings and have nowhere to go? Can you imagine the level of stress and desperation you'd be feeling?

According to the National Law Center on Homelessness, this scenario plays out in real life for an estimated 3.5 million Americans every year, or one out of every 100 people. If you have at least 100 friends, odds are at least one is going through this right now.

Apply this estimate to your practice. If you have 5,000 clients, about 50 of them are experiencing financial collapse or homelessness. But simply asking these clients to give up their pets until they're more financially stable is anything but simple.

LET'S GET PERSONAL (AGAIN)

After a hard day at work, doesn't it feel good to go home to kitty purrs and warm little doggy bodies snuggled up against you? Studies have shown that pets make us feel better, lower our blood pressure and decrease our stress levels.

For many in the throes of financial distress, their pets are the only thing they have left and are a source of comfort. If I were in their shoes, my pets would be the last thing I'd want to give up. I'd do anything necessary to keep them with me.

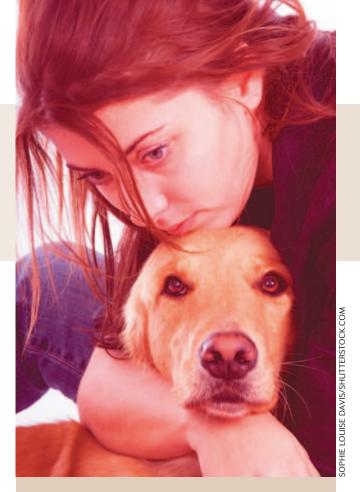
I see this same resolve in many of my clients, coming to my clinic for vaccines to prevent suffering and further financial stress down the line and paying for their dog's ear medication with crumpled ones and fives. When they receive devastating news that their dog has parvo or their cat is in renal failure, I see them desperately call every friend and family member they can think of to ask for help.

Master your pet insurance talks with clients

If you're set on becoming the pet insurance advocate of your veterinary hospital, sign up to receive this free Team Meeting in a Box, which covers how to get a whole team on board with letting clients know you think pet insurance could be good for them. **dvm360.com/teammeeting**







"Help! We've missed the window on pet insurance coverage"

Diabetes can be a costly diagnosis, particularly if the pet responds well to treatment and lives longer. Paying for this care can be a challenge for owners who don't have pet insurance, says Karen Felsted, CPA, MS, DVM, CVPM.

Offering other payment options, like a third-party payment plan or in-house payment plans, can help.

Some practices go a step further by creating diabetes packages. They group the diabetes components and they look at home monitoring options for pets to help manage the cost. The result: less strain on clients, Dr. Felsted says.



Live learning: Check out Dr. Felsted's Learn then Earn sessions that give you the clincial and management information for real change.



thecvc.com/sd

"The dumbfounded doctor was at a loss for words. She hadn't been taught how to deal with the reality of client finances."

CLIENT FINANCES 101

A new veterinary school graduate at my hospital diagnosed a dog with parvo recently. She confidently put together a treatment plan that covered hospitalization, IV fluids, pain medication, antibiotics and lab work.

When the tech who presented the treatment plan to the owner reported that the owner couldn't afford it and wanted to know other options, the dumbfounded doctor was at a loss for words. She had been taught how to do a physical exam, what tests to run, how to diagnose an illness and how to treat that illness. What she hadn't been taught is how to deal with the reality of client finances.

When such situations arise (and they will) we need to first silence our near-sighted judgments and offer these pet owners our unmitigated respect. If, when you get off work, you drive in your car to a comfortable home and watch some televi-

sion while dinner is prepared, it's been said that you are richer than 75 percent of the world's population. Instead of looking down on those who can't enjoy these advantages, let's look up to them for managing to get through life without them.

SO, WHAT'S A TEAM TO DO?

Giving respect is free. The services you offer are not. It's simply not feasible to treat pets for free, but here's what you can do:

When it comes figuring out payment, approach clients with humility and empathy as you explain each part of the treatment plan and why each item has been included. Let them tell you what they can afford.

Be ready to think outside the box. Maybe this client can pay for treatment a little bit each day or week. Perhaps there are other treatments you can suggest that cost a little less. Maybe you could offer the client the same half-

HELP CLIENTS AFFORD THE CARE THEIR PETS NEED

Find products to help take some of the stress out of paying for pets' care with the products at **dvm360/financialproducts**.

priced exam you offer new clients. The client's gratitude in response to your flexibility and care can pay dividends when it comes to word-ofmouth advertising.

Keep in mind that your client may be willing to get creative, too.

When I'm not working at my hospital, I work with the pets of homeless veterans who are some of the most creative people on the planet. I know one man whose dog had mammary cancer and a broken jaw requiring surgery. I reached out to three veterinarians who offered their surgical services at cost.

During one marathon surgery, the cancer was removed, the jaw was repaired, the diseased teeth that had caused the jaw to weaken were removed, and we even spayed the dog.

Throughout that dog's hospitalization, the owner would work odd jobs during the day and turn the money in to the clinic each night. He had a small balance to pay after the dog was discharged, but he was so grateful to the clinic for what they had done that he faithfully paid that balance down to zero. The gentleman is now back on his feet and is the

clinic's No. 1 fan.

Financial hardships can affect any one of us (if they haven't already). If I were in financial trouble, I would want someone to reach out and help me without judging me. Be that person for someone else.

Julie Carlson, CVT, is a freelance author. She is the winner of the

2015 Hero Veterinary Technician Award from the American Humane Association and the Founder of Vets for Vets' Pets, a nonprofit organization providing medical care to the pets of homeless and at-risk veterans. Julie has five cats, two Chihuahuas and one fish and lives in Phoenix, Arizona.



71% of clients research cost and financing before they make a decision.*

Be ready.

When clients know you accept the CareCredit healthcare credit card, it helps them move forward with care for their pets. Sooner rather than later.

ENROLL NOW by calling 844-812-8112

Ask for the special offer: FREE Eric Garcia Digital Strategy Tips Sheets.

LareCredit®

* Path to Purchase Research-Veterinary category conducted for CareCredit by Rothstein Tauber Inc., 2014. Mention offer code FIRSTQ416VA



Do you really need your best anesthesia equipment for dental patients?

entistry maintains a "lesser than" status when compared with surgery, which is why surgical suites tend to be so much nicer and more tech-forward than where dental procedures occur. But Tasha McNerney, BS, CVT, CVPP, VTS (anesthesia and analgesia) says this underdog status is undeserved.

At a recent CVC session, McNerney presented her reasons for moving dentistry up the ladder. For starters, dentistry patients are usually older and present with concurrent health issues (picture a 12-year old Yorkie mix with blood pressure issues) that have to be monitored while the pet is under anesthesia for three or four hours.

otherwise healthy and don't need to be under anesthesia for nearly as long. Furthermore, McNerney says tooth extractions should be treated as orthopedic surgery. Teeth

are bones, and they don't transmit pain any differently than hip bones or knee bones.

BLOCK PAIN BEFORE IT STARTS

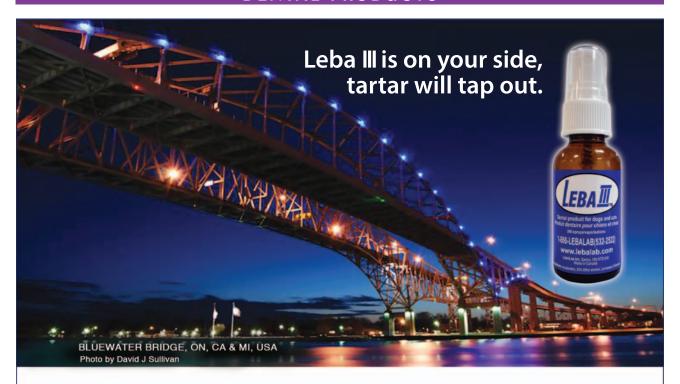
If you see that your dentistry patient is inflamed, give a local block before you get started. Periodontal disease and gingivitis are inherently painful, and it's not uncommon for patients to start waking up under anesthesia. Using a local block up front is far more cost effective than turning up the inhaled anesthetic (especially if you use sevoflurane!)

TRAIN TECHS IN DENTISTRY!

Paying a veterinary technician to clean, chart and radiograph teeth and provide pain control is more cost effective than leaving these duties to a veterinarian. Do your budget a favor and train your techs!



DENTAL PRODUCTS



100% response in Double Blind Tests See the results on www.lebalab.com



Before

After



Before

After

Cleans Teeth with the Ease of a Spray

The LebaLab difference:

Leba III stimulates the good flora in the saliva. The longer Leba III is used, the cleaner the teeth and the healthier the chemistry of the mouth becomes. Antibacterial products kill the good bacteria in the mouth leading to imbalance and repeated dental procedures.

Pets ingest dental products, they cannot rinse. They can become subject to the side effects of the components, that's why Leba III contains no Grapefruit Seed Extract, no chlorides or chemical agents.

Used by veterinarians since 1994.



TO ORDER, CALL 1.866.532.2522

Questions? Call 1.519.542.4236 | www.lebalab.com | tellus@lebalab.com



IDENTIFICATION SYSTEMS



TAGS





Get more product information online

Researching a purchase?

dvm360.com offers
hundreds more
product listings.

Just visit

dvm360.com/products

firstline

Content Licensing for Every Marketing Strategy



Marketing solutions fit for:

- · Outdoor
- ·Tradeshow/POP Displays
- · Direct Mail
- · Social Media
- · Print Advertising
- · Radio & Television

Logo Licensing | Reprints | Eprints | Plaques

Leverage branded content from *Firstline* to create a more powerful and sophisticated statement about your product, service, or company in your next marketing campaign. Contact Wright's Media to find out more about how we can customize your acknowledgements and recognitions to enhance your marketing strategies.

For more information, call Wright's Media at 877.652.5295 or visit our website at www.wrightsmedia.com

Your go-to source for all things veterinary

- > Cutting-edge clinical information
- > Breaking news
- > Practice-building insights
- > Team-training tools
- > Community
- > The CVC in Kansas City, Virginia Beach, Virginia, and San Diego

The definitive source for veterinarians and



team members for veterinary news, medicine, business, hospital design, events, and community. And the portal site for *dvm360*, *Vetted*, and *Firstline*.



LOVE this conference.

Very targeted & up-to-date info. Priceless nuggets!









It's a continuing education opportunity vou don't want to miss!

- Educational sessions led by the profession's most highly regarded speakers!
- Hands-on labs and unique learning opportunities.
- Collaboration with experts and peers.
- Locations that are close to home or desirable vacation destinations.
- An active, solutions-oriented Exhibit Hall.



smarteasy affordable veterinary continuing education



800.255.6864, ext. 6 ■ TheCVC.com ■ cvc@advanstar.com



You rock. #BestReadersEver

In an independent study of print readership in the veterinary market, team members put *Firstline* at the tippy-top, saying they read *Firstline* more often and more thoroughly than any other publication.

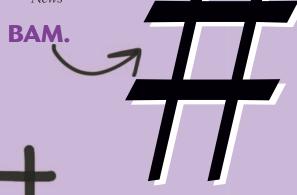


Runners up?

We're flattered. Even more so because you chose our sister magazine as a runner up.

#2 dvm360 magazine

#3 Veterinary Practice News



RELEVANT TO PRACTICE—YUP!

Team members awarded *Firstline* the highest mean ranking of any publication in the market for relevance, 4.10 on a scale of 1 to 5, with five being "Excellent."

ENGAGING CONTENT—CHECK!

Among veterinary team members, *Firstline* received the highest rating for engaging content, walking away with a rank of 4.16.

INFORMATIVE—YOU KNOW IT!

The Team Group ranked Firstline #1 for being informative, with a score of 4.2.

AND that amazing readership comes from everybody. Across every team position: technicians, assistants, managers, and receptionists, at every stage of their career, from their first few years in practice, to the team members who've been around for 30 years or more.

#That'sDialedIn #AlwaysThereToHelp

IN THEIR OWN WORDS

Why do team members love *Firstline?*

"The content in Firstline applies to my real life and work experiences and I relate."

"Firstline provides the most relevant information to my position in clinic."

"Firstline covers a good variety of practical issues."

"It's easy and quick to read in my busy schedule."

"Firstline is the most applicable to my job."

99

Fine print: The standard Kantar Media Healthcare
Research methodology was used to determine reading
frequency, reading patterns, reader levels and versions
read; Average Issue Readers and Average Page
Exposures are reported.



Laur Your Pet's Soul BEHAVIORAL HEALTH SUPPLEMENT

A unique combination of active ingredients come together in one chewable supplement to encourage calmness in stressful situations.

Veterinarians lose as much as 15% of their client base each year due to unresolved behavior issues.

Start the conversation with your clients:

"Does your pet hide when people come to visit?"



Solliguin.com



NEW!



Purina® Pro Plan® Veterinary Diets EN Gastroenteric Low Fat™ Dry Canine Formula

Introducing a formula with the lowest fat (g/100 kcal) of any dry GI-focused, canine therapeutic diet on the market[†], formulated to nutritionally manage patients when fat digestion is compromised. For patients with pancreatitis, hyperlipidemia and lymphangiectasia, a low-fat diet can make a world of difference.

From the first hydrolyzed diet for dogs with food allergies to the #1 recommended probiotic for pets*, Purina Pro Plan Veterinary Diets offers a comprehensive line of effective options for patients with GI issues, each led by purpose and backed by science. **Learn more at PurinaProPlanVets.com**

PROPLAN°
VETERINARY
DIETS

GASTROENTERIC

[†]Comparison based on values published in PPVD Product Guide 2015 (average nutrient content), Hill's Key 2016 (average nutrient contents), Royal Canin Product Guide 2016 (typical analysis)