



SMALL ANIMAL SPEAKERS

Marty Becker, DVM

Dr. Marty Becker, “America’s Veterinarian,” has spent his life working toward better health for pets and the people who love them. In recent years, his realization that it’s impossible to provide for pets’ physical well-being without equal focus on their emotional well-being led him to found the Fear Free™ initiative.

Because the anxiety and stress of veterinary visits was preventing pets from receiving the veterinary care they need and deserve, Dr. Becker brought together veterinary behaviorists and dozens of other experts and leaders in the field to develop an educational program to train veterinarians in easing the fear and anxiety of their patients and clients. This training and certification program launched in March of 2016.

Dr. Becker was the resident veterinary contributor on "Good Morning America" for 17 years and is currently a member of the Board of Directors of the American Humane Association. He serves as an adjunct professor at his alma mater, the Washington State University College of Veterinary Medicine and practices at North Idaho Animal Hospital.

With Fear Free You’ll Achieve Practice Growth of 20% plus per year –

In the past four decades we’ve had four transformations in companion animal practice. First was “feline medicine” followed by complete “oral health care.” These were followed by a focus on “preventive healthcare” and “multi-modal pain management.” All of these combined aren’t as large as the latest transformation in veterinary medicine and that is providing Fear Free veterinary visits. After seven years of development by a team of over 160 professionals and five of successful in-practice deployment, Dr. Marty Becker and the team have rolled out the essential skills you need for real and lasting change. Practices implementing Fear Free procedures and protocols are seeing 20% plus growth per year. Finally, something where everybody wins; the pet, pet owner, practitioners, practice and the profession. “Do well by doing good!”

Why Fear Free Is A Practice Imperative – Fear Free is simply having a pet “physical well-being” in one hand and their “emotional well-being” in the other. Pets aren’t coming in as often as they were, and should be. Why? You can blame it on “Dr. Google” and do nothing, or you can understand the real reasons and make the necessary changes. Pet-owners whose pets are terrified of a veterinary visit won’t bring them in for anything but the worst, forcing you to miss out on essential well-pet care that improves and extends a high quality of life for the pet and the owner. Creating Fear Free veterinary visits is a simple, straightforward way to ease the stress and turn both pet and pet-owner into relaxed, happy, repeat visitors. By taking the “pet” out of “petrified,” you put pets back into practices

The Top 10 Ways To Get Started With Fear Free Veterinary Visits - By decreasing a pet’s fear, you dramatically increase pet owner visits to vets. Here’s a step-by-step guide in how to remove or reduce anxiety triggers as the pet moves from the living room at home to the exam room at your clinic, how to mitigate fear when it flares up, a new way to exam pets (including specifics such as “considerate approach,” “gradient touch” and “gentle control”) and how to communicate

these positive changes to pet owners. The pet owner’s role in taking a pet to the vet has to fundamentally change and we’ll show you how to help them deliver a pet that is calm and feels safe.

Lisa Parshley, DVM

Dr. Parshley currently works at and co-owns the Olympia Veterinary Cancer Center. She is also heavily involved with the impact of Hazardous Drug usage in the veterinary clinic, including through appointment to the Washington State Hazardous Drug Advisory Committee and being a member of the American College of Veterinarian Internal Medicine consensus working group on hazardous drugs. While serving on the state advisory committee she has been representing veterinary interests during the development of enforcement guidelines and model systems for the new hazardous drug law.

Dr. Parshley earned a Ph.D in biochemistry, in 1994, from Oregon Health Sciences University. After finishing a University of Washington post-doctoral fellowship she worked as a research scientist for the Immunex Corporation. During this time she was given the opportunity to work at an animal emergency hospital. Very quickly she developed a real love of veterinary medicine. In 2003 she received a DVM from Colorado State University and a year later completed a small animal internship at Cornell University. After finishing a medical oncology residency at Michigan State University she became a diplomat of the American College of Veterinary Internal Medicine (oncology). Dr. Parshley has lots of experience in biomedical research, emergency medicine (her other love), critical care, palliative medicine, and is still very thankful that she gets to work every day with animals and their human friends.

Oncology

Ayla R. Preston, DVM, MS Diplomate, American College of Veterinary Emergency & Critical Care, ER/ICU Medical Director **Sponsored by: Zoetis**

Dr. Ayla Preston is a 2010 graduate of the Colorado State University College of Veterinary Medicine and Biomedical Sciences. She completed a Small Animal Medicine and Surgery rotating internship at VCA Alameda East in Denver, CO, followed by a specialty internship in Emergency and Critical Care at BluePearl Veterinary Partners in Tampa, FL. Dr. Preston then completed her residency in Emergency and Critical Care at Colorado State University in 2015, at which time she also obtained her master’s degree in Clinical Sciences. She became a Diplomate of the American College of Veterinary Emergency and Critical Care in 2016. She has particular interests in acute kidney injury, hospital-acquired infection, fluid therapy, polytrauma, postoperative critical care, and exotic animal emergency and critical care.

Dr. Preston originally hails from Tucson, AZ, but has called Colorado home since 2006 (minus her one year away in Florida). In her free time, she enjoys cooking, gardening, yoga, football (go Broncos!) and spending time with her husband, Bret, and their Golden Retriever, Lola.

Updates in CPR based on the Veterinary Recover Guidelines

The Ins and Outs of Acute Kidney Injury: pathophysiology, clinical relevance and new concepts

Traumatic Brain Injury: what a headache!

Acute Traumatic Coagulopathy in the Trauma Patient

Daniel D. Smeak, DVM

Education

DVM, Michigan State University in 1979.

Small Animal Internship, Colorado State University 1979-1980.

Small Animal Surgery Residency, The Ohio State University 1981-1983.

Board Certification

Board certified, American College of Veterinary Surgeons in 1986.

Faculty Appointments

Joined faculty at OSU in 1983, Full Professor, Surgery

Section Head 1994-2004. Retired OSU, July 2007.

August 2007 became Hospital Director, James L. Voss Veterinary Teaching Hospital, Colorado State University

Currently, Professor and Chief, Small Animal Surgery, Colorado State University

How to make your skin incisions lovely!

Tips on subcutaneous tissue closures to help skin apposition, Intradermal skin closure, burying the final knot; Aberdeen knot introduction

A practical right-sided incisional gastropexy technique for treatment or prevention of gastric dilatation volvulus

Gastropexy for treatment of Gastric Dilatation Volvulus is often performed as an emergency procedure, therefore, an ideal method for gastropexy should be quick, safe and easy to perform. This describes an incisional gastropexy technique designed to be readily performed by a surgeon without assistance. Like other successful permanent gastropexy techniques, this method apposes incised surfaces of the right abdominal wall and pyloric antrum. Illustrated technical details are included that allow the surgeon to readily create these incised surfaces while avoiding potential complications such as inadvertent perforation of the gastric mucosa or diaphragm. In addition, standard gastropexy incision sites are described and shown to help prevent gastric malpositioning or outflow obstruction following surgery.

Don't be an "old school" surgeon! Sutures, patterns- What's the current standard?

"Old School" Principles?

- Avoid penetrating lumen in contaminated organs
- Interrupted for all critical suture lines, skin
- Two-layer inverting closures preferred for all large hollow organs (bladder, uterus, stomach)
- Interrupted closure for intestine
- Multifilament suture closure preferred

Creating Secure Ligations

Ligation involves the use of encircling suture material and a knot, called a ligature, to tightly occlude blood vessels in surgery. Despite

the introduction of newer electrosealing devices for use in open and minimally invasive surgery now available to veterinarians for large vessel hemostasis, ligatures are still considered the gold standard method to achieve hemostasis. Ligation of solitary vessels, or multiple vessels within a pedicle (mass ligation) is used virtually every day in practice during ovariohysterectomy, castration, amputation, splenectomy, and lobectomies; therefore, creating secure ligations is one of the most critical life-saving steps in most soft tissue surgeries.

Paramedian Abdominal Approach: Technique

Present an alternate approach for limited access to the caudal abdomen in male dogs.

LARGE ANIMAL SPEAKERS

Britt Conklin DVM, CF

Equine Professional Services

Sponsored by: Boehringer-Ingelheim Vetmedica

Dr. Conklin earned his undergraduate degree from Texas Tech University where he was recently inducted into their hall of fame. He attended veterinary school at Texas A&M University in College Station, and upon graduation worked at a large equine referral practice in Weatherford, Texas. He has been the continuing education advisor for the Texas Equine

Veterinary Association, founder and host veterinarian for the Texas Equine Podiatry Conference and is a member of the Texas Horse Council. He most recently has been a

practicing veterinarian and owner at Reata Equine Hospital, which was recognized in 2005 as a top five equine hospital in the United States by Horseman Magazine. He has a diverse background in equine performance medicine, surgery, reproduction and podiatry. Much of his career has been spent working with the western performance horse as it relates to lameness and farriery. He is certified by the American Farriers Association and has consulted and

lectured both nationally and internationally in equine performance medicine and podiatry. Dr. Conklin is currently an Equine Professional Services Veterinarian for BIVI

residing near Amarillo, TX with his wife and 3 children.

Therapeutic Shoeing – simple mechanical approaches in lameness and podiatry: Attendees will learn a simple mechanical approach to therapeutic shoeing based on the ability of the podiatrist to adjust leverage, tension, pressure, protection and stabilization. These fundamental manipulations are the basis for all therapeutic shoeing and can be applied to any pedal disease once an accurate, quantitative, anatomical diagnosis has been made. Veterinary attendees will learn mechanical concepts and terminology to improve the veterinary/farrier relationship as it relates to lameness and podiatry.

The Endocrine Laminitic: Attendees will learn the pathophysiology of laminitis in the endocrine patient and the lamellar results of hyperinsulinemia. Concurrently they will review normal and diseased pedal pathology and the processes in which hyperinsulinemia can occur as it relates to PPID and EMS. They will be exposed to the diagnosis of the correct endocrine disturbance and how to treat and manage both the medical and pedal components of the disease.

Louis Gasbarre, DVM

Sponsored by: Merck Animal Health

Dr. Gasbarre received his PhD in Zoology in 1978 from the University of Maryland, College Park. From 1978-80 He was a Rockefeller Foundation Postdoctoral Fellow at the WHO Immunology Research and Training Center, Lausanne, Switzerland. From 1981 to 2003 he was a Microbiologist with the USDA Agricultural Research Service, in Beltsville, Md. From 2003-2009 he was the Research Leader of the Bovine Functional Genomics Laboratory of the USDA Agricultural Research Service.

Dr. Gasbarre retired in 2009 after nearly 30 years of service with the Agricultural Research Service of the U.S. Department of Agriculture. He is a past president of both the American Association of Veterinary Immunologists and the American Association of Veterinary Parasitologists. He was the recipient of the Distinguished Veterinary Parasitologist award of the American Association of Veterinary Parasitologists in 2003 and was elected an honorary member of the World Association for the Advancement of Veterinary Parasitology in 2011. Dr. Gasbarre currently operates Gasbarre Consulting in Buffalo Wyoming, where he provides consultation on studies and issues involving internal parasites.

Gastrointestinal Nematodes Infecting American Cattle - Recent Changes And Their Effect On Future Control Programs

The development of strategic parasite control programs utilizing highly effective anthelmintics has resulted in previously unseen levels of gastrointestinal nematode control and subsequent animal productivity. The effectiveness of these programs has allowed producers to alter production systems without the worry of incurring economic loss caused by the parasites. Over the past several years we have begun to see that the very high effectiveness of these programs in reducing parasite levels has also been very effective in selecting for drug resistant variants. This selection for drug-resistance has dramatically changed the composition and biology of the nematodes infecting American cattle, and is reducing the tools we have to control the parasites. As we move forward we need to protect the drugs that are currently in use as it is unlikely that new drugs will be available in the near future. Producers have come to expect very high levels of parasite control, and as such it will be difficult to reduce the selective pressure on the parasites. In this talk we will discuss the factors that influence parasite transmission, the effect of GI nematodes on productivity, how best to estimate parasite levels in a herd, the changing parasite fauna in American cattle and what this means for productivity, and what management decisions will maximize production while minimizing selection for drug resistance.

Jim Logan, DVM

Wyoming State Veterinarian

with Steve True, Wyoming Livestock Board Director

Potential presentations by: USDA APHIS AD, Wyoming Livestock Board, Wyoming State Veterinary Laboratory

Regulatory Session

Updates on diseases of regulatory concern such as Brucellosis, TB, Trichomoniasis, High Path Avian Influenza, and other current issues such as the solar eclipse.

Scott Radke, DVM

Post Doctoral Research Associate, Toxicology Resident
ISU Veterinary Diagnostic and Production Animal Medicine
Sponsored by: Multimin USA, Inc.

Dr. Radke grew up on a family operated farrow to finish hog operation and crop production farm in northwest Iowa. He received his BS from Buena Vista University in 2012 and his DVM from Iowa State University in 2016. He is currently a post-doctoral research associate and toxicology resident at the Iowa State University Veterinary Diagnostic Laboratory.

Liver Biopsy wet lab and "Diagnostic Evaluation and Interpretation of Bovine Liver Trace Minerals- Metabolism and Managing Trace Mineral Variation in Cattle"

Chris S. Ray, DVM, MS, DACVS

Sponsored by: Boehringer-Ingelheim Vetmedica

Dr. Chris Ray is originally from the Texas Panhandle and was raised in the small town of Borger, Texas. He graduated from Texas A&M University's College of Veterinary Medicine. Following graduation from vet school in 1990, he completed an internship at Littleton Equine Medical Center. From 1991 to 1994, Dr. Ray performed his surgical residency at Colorado State University.

After completing his surgical residency, Dr. Ray practiced medicine in Oklahoma and Texas. In 2000, he joined Equine Sports Medicine & Surgery in Weatherford, Texas and joined the owning partnership in 2009. The practice employs over 25 equine practitioners serving clients at their facility in Weatherford and at 10 tracks across the country.

Dr. Ray's primary focus is orthopedic surgery, chronic injury rehabilitation, and joint and soft tissue injury management. He has expertise in sports medicine including advanced lameness and arthroscopic surgery.

Use of ACS and PRP: Overview of ACS, Osteoarthritis Review, Osteoarthritis treatment options, ACS – collection, ACS healing factors and discussion, Platelet Rich Plasma overview, PRP systems and collection, PRP discussion.

Suspensory Injuries in Cutting Horses: Areas involved (anatomy) Contributing factors, Diagnosis, Treatment and Cases.

Stifle Injuries: Overview and Anatomy, Diagnosis, Treatment and Cases.

Clinical Use of Bisphosphonates in Horses: Overview and MOA, Pharmacokinetics, Uses in Equine Practice: navicular bone edema, P3 edema, proximal MTIII/MCIII, carpus, and dorsal spinous processes.

Daniel W. Scruggs, DVM

Sponsored by: Zoetis

Education

BS Animal Science Auburn University

DVM Auburn University

Veterinary Pathology Residence Texas A&M University

Professional Experience

Feedlot Consulting Practice- Amarillo TX

Diagnostic Pathologist Tennessee Veterinary Diagnostic Laboratory

Faculty Mississippi State University College of Veterinary Medicine

Department of Pathobiology and Production Medicine

Professional Certification and Membership

Diplomat American College of Veterinary Pathologists

Veterinarian Beef Veterinary Operations, Pfizer Animal Health

Education: BS Animal Science Auburn University, DVM, Auburn

University, Veterinary Pathology Residence Texas A&M University

Experience: Feed lot Practice 1984-1986.

Pathology Residence Texas A&M University 1986-1989

Tennessee State Veterinary Diagnostic Laboratory 1989-1991

Department of Pathobiology and Population Medicine Mississippi

State University 1991-2003.

Activities: American College of Veterinary Pathologists

American Association of Veterinary Laboratory Diagnosticians

Academy of Veterinary Consultants, of Board of Directors.

Areas of Professional Interest: Infectious Disease and Host Pathogen Interaction. Innate and Adaptive Immune response and Impact of Disease and Immune system challenge on production animal agriculture.

Field Necropsies and diagnostic tests- how interpretive headaches can be minimized

- The objectives of the presentation and wet labs are to cover efficient field necropsy techniques, sample collection and laboratory submission to address clinical situations presented. We will discuss situational evaluation of common infectious, metabolic, and toxic conditions along with lesions (or lack thereof), and how to evaluate clinical presentation along with lesions and laboratory results to generate actionable information. Specific collection of samples and laboratory test requests will be discussed as well as the interpretive nuances or lab results. We will also cover sample handling and chain of custody for potential legal cases.

Dan Tracy, DVM

Sponsored by: Multimin USA, Inc.

Dan Tracy DVM, MS-received his DVM at Mississippi State University

of Veterinary Medicine in 2001. In 2002 received his MS degree in

Dairy Production Medicine at Mississippi State. Upon completion of

college Dr. Tracy worked as a large animal practitioner working with

beef and dairy producers. Practice experience includes dairy and

beef nutrition consultation, herd health and reproductive

management. Currently he is employed at Multimin USA, Inc., as a

Technical Services Veterinarian.

Liver Biopsy wet lab and "Diagnostic Evaluation and Interpretation of Bovine Liver Trace Minerals- Metabolism and Managing Trace Mineral Variation in Cattle"