

2018 AAEP CONVENTION PREVIEW



This December more than 6,000 equine practitioners, veterinary students, technicians, exhibitors, and other industry members are expected to rush to stunning San Francisco, California. It's not gold that draws them, however, but more than 100 hours of equine veterinary continuing education at the 64th annual edition of the American Association of Equine Practitioners (AAEP) Convention.

From Dec. 1 to 5, your veterinarian will be learning about lameness, complementary medicine, endocrine disease, causes of poor performance, and much more at what has become the world's largest continuing education event dedicated to equine practice. Attendees will also enjoy the conference's many networking opportunities

and 300-exhibitor-strong trade show featuring the latest equine veterinary products and services. Here are some special offers your practitioner will have access to while in the City by the Bay. Check back in the March 2019 issue of *The Horse* to find out what veterinarians discussed during the educational sections.



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2018 AAEP CONVENTION PREVIEW

Abaxis by Zoetis, Booth 1241

Zoetis says that as the leading animal health company, it's committed to working together with equine veterinarians, horse owners, and equine professionals to help improve horse health and wellness, every day. The company's broad portfolio of equine health solutions is supported by a team of experienced, knowledgeable professionals with a passion for horses.

In the hospital or barn-side, Zoetis says its point-of-care laboratory delivers a simple, portable, and accurate solution for every type of equine practitioner. The VetScan VS2 is a portable chemistry analyzer that delivers state-of-the-art chemistry, electrolyte, immunoassay, and blood gas results from just two drops of whole blood, plasma, or serum in 12 minutes. Abaxis also offers the VetScan HM5, an advanced hematology five-part differential analyzer; the i-STAT Alinity v handheld analyzer; and the VetScan VSpro specialty analyzer for on-site fibrinogen results in minutes.

For more information on the complete VetScan portfolio, please visit abaxis.com/veterinary.

ADM Animal Nutrition, Booth 2208

ADM Animal Nutrition advocates "Doing What's Right for the Horse." ADM says its ultra-premium blended fat-and-fiber-based "GLO" line of feeds contain GROSTRONG Minerals and high-quality ingredients in balanced formulas for better health and performance. GLO feeds are formulated free of cornstarch and unnecessary fillers. These feeds offer consistent formulas and utilize stabilized rice bran, a nutrient-rich, highly digestible fat and fiber source; omega-3 essential fatty acids; natural-source vitamin E, a powerful antioxidant; Prospan yeast; CitriStim, an ADM proprietary feed ingredient that may favorably impact the gut microbial population; organic trace minerals; and direct fed microbials.

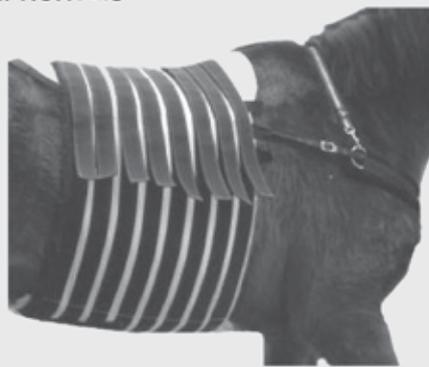
Because GLO feeds are nutrient-rich, less is needed to achieve optimal results, says ADM. The GLO feeds provide low-starch, GI-tract-enhancing solutions for almost any need, including broodmares, senior horses, sport horses, growing horses, and trail horses, ADM adds. To locate a dealer visit ADMequine.com or call 800/680-8254.

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More than 6,000 veterinarians, students, and other industry professionals will have the opportunity to listen to 100+ hours of horse health presentations.

**Auburn Laboratories Inc.,
Booth 1236**

Auburn Laboratories Inc. continues its innovations in nutrition with APF Pro, which the company has developed to address the specific needs of the top-level equine athlete. Building on the unique stress protection of the original APF, APF Pro contains *Aralia* to support gastric health and *Rhaponticum* to promote muscle development. APF Pro has been formulated to target the negative metabolic impact of stress and to help protect the equine athlete from the adverse effects of stress encountered during training, traveling, competing, and being housed in unfamiliar surroundings. Auburn Laboratories Inc. credits the uniquely beneficial herbal ingredients in APF Pro (*Eleutherococcus senticosus*, *Rhodiola rosea*, *Schizandra chinensis*, *Aralia mandshurica*, *Rhaponticum carthamoides*) for its multifaceted nutritional support, which the company says provides improved recovery from athletic training, promotes gastric health, may enhance immunomodulation, and helps manage

COURTESY AAEP

EQUISUL-SDT®

**(Sulfadiazine/Trimethoprim)
Oral Suspension**

For use in horses only.
NADA 141-360

CAUTION
Federal law (USA) restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION
EQUISUL-SDT is a broad-spectrum antimicrobial from the potentiated sulfonamide class of chemotherapeutic agents. These two drugs block different sequential steps in the biosynthesis of nucleic acids. Sulfadiazine inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid. Trimethoprim blocks the production of tetrahydrofolic acid from dihydrofolic acid by reversibly inhibiting dihydrofolate reductase. The effect of the dual action is to reduce the minimum inhibitory concentration of each agent (synergism) and to convert a bacteriostatic action to a bactericidal action. Sulfadiazine is the non-proprietary name for 4-amino-N-2-pyrimidinylbenzenesulfonamide. Trimethoprim is the non-proprietary name for 2,4,6-trimethoxyphenyl methyl-2,4-pyrimidinediamine.

Figure 1. Structure of sulfadiazine

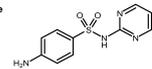
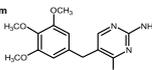


Figure 2. Structure of trimethoprim



Each mL of EQUISUL-SDT contains 400 mg combined active ingredients (333 mg sulfadiazine and 67 mg trimethoprim) in an aqueous suspension.

INDICATION
EQUISUL-SDT is indicated for the treatment of lower respiratory tract infections in horses caused by susceptible strains of *Streptococcus equi* subsp. *zooepidemicus*.

INDICATIONS

EQUISUL-SDT is contraindicated in horses with a known allergy to sulfadiazine, sulfonamide class antimicrobials, or trimethoprim.

CONTRAINDICATIONS
EQUISUL-SDT is contraindicated in horses with a known allergy to sulfadiazine, sulfonamide class antimicrobials, or trimethoprim.

WARNING
Do not use in horses intended for human consumption.

HUMAN WARNINGS
Not for use in humans. For use in animals only. Keep this and all drugs out of the reach of children. Consult a physician in the case of accidental human exposure.

Antimicrobial drugs, including sulfonamides, can cause mild to severe allergic reactions in some individuals. Avoid direct contact of the product with the skin, eyes, mouth, and clothing. Persons with a known sensitivity to sulfonamides or trimethoprim should avoid

exposure to this product. If an allergic reaction occurs (e.g., skin rash, hives, difficulty breathing, facial swelling) seek medical attention.

PRECAUTIONS

Prescribing antibacterial drugs in the absence of a proven or strongly suspected bacterial infection is unlikely to provide benefit to treated animals and may increase the risk of development of drug-resistant animal pathogens.

The administration of antimicrobials, including sulfadiazine and trimethoprim, to horses under conditions of stress may be associated with acute diarrhea that can be fatal. If acute diarrhea or persistent changes in fecal consistency are observed, additional doses of EQUISUL-SDT should not be administered and appropriate therapy should be initiated.

The safe use of EQUISUL-SDT has not been evaluated in breeding, pregnant, or lactating horses. Potentiated sulfonamides should only be used in pregnant or lactating mares when the benefits to the mare justify the risks to the fetus. Use of potentiated sulfonamides during pregnancy has been associated with an increased risk of congenital abnormalities that may be related to folate deficiency. In humans, sulfonamides pass through the placenta, are excreted in milk, and may cause hyperbilirubinemia-induced neurotoxicity in nursing neonates.

Decreased hematopoietic activity and blood dyscrasias have been associated with the use of elevated doses and/or prolonged administration of potentiated sulfonamides. EQUISUL-SDT should be discontinued if prolonged clotting times, or decreased platelet, white blood cell or red blood cell counts are observed.

Sulfonamides should be used with caution in horses with impaired hepatic function. Although rare, sulfonamide use has been associated with fulminant hepatic necrosis in humans.

Neurologic abnormalities have been reported in several species following administration of potentiated sulfonamides. In horses, potentiated sulfonamides have been associated with gait alterations and behavior changes that resolved after discontinuation of the drug.

The safe use of EQUISUL-SDT has not been evaluated in horses less than 1 year of age.

ADVERSE REACTIONS

Adverse reactions reported during a field study of 270 horses of various breeds, ranging from 1 to 25 years of age, which had been treated with either EQUISUL-SDT (n = 182) or with a saline control (n = 88) are summarized in Table 1. At least one episode of loose stool of varying severity was observed in 69 of 182 (38%) of the EQUISUL-SDT-treated horses, and 29 of 88 (33%) saline control horses. Of those animals experiencing loose stool, 2 of 182 (1.1%) of the EQUISUL-SDT-treated horses and 0 of 88 (0%) placebo-treated horses were removed from the study due to diarrhea (defined as at least one episode of watery stool). Both cases of diarrhea in this study were self-limiting and resolved without treatment within 5-10 days after discontinuation of EQUISUL-SDT.

Table 1. Number of Horses with Adverse Reactions During the Field Study with EQUISUL-SDT

Adverse Reactions	Equisul-SDT (n=182)	Saline control (n=88)
Loose stool (including diarrhea)	69 (38%)	29 (33%)
Colic	3 (1.6%)	2 (2.2%)
Diarrhea	2 (1.1%)	0 (0%)

To report suspected adverse events, for technical assistance or to obtain a copy of the MSDS, contact Aurora Pharmaceutical LLC at 888-215-1256 or www.aurorapharmaceutical.com. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or online at http://www.fda.gov/AnimalVeterinary/SafetyHealth.

CLINICAL PHARMACOLOGY
Following oral administration, EQUISUL-SDT is rapidly absorbed and widely distributed throughout body tissues. Sulfadiazine levels are usually highest in the kidney, while the tissue concentration in other tissues

is only slightly lower than plasma concentrations. Concentrations of trimethoprim are usually higher in the lungs, kidney, and liver than in the blood. Sulfadiazine and trimethoprim are both eliminated primarily by renal excretion, both by glomerular filtration and tubular secretion. Urine concentrations of both sulfadiazine and trimethoprim are several-fold higher than blood concentrations.¹ Sulfadiazine and trimethoprim are 20% and 38% bound to plasma protein, respectively. Administration of sulfadiazine and trimethoprim with food has no apparent effect on the absorption of sulfadiazine but the absorption of trimethoprim is decreased.

Based on a study in fed horses, trimethoprim concentrations following repeat oral administration of 24 mg/kg EQUISUL-SDT to 6 horses reached peak concentration in 0.5 to 12.0 hours. The median plasma elimination half-life was 3 hours, with a range of 2.31 to 4.96 hours. Peak sulfadiazine concentrations were reached within 1.0 to 12.0 hours in the same study. The median plasma elimination half-life for sulfadiazine was approximately 7.80 hours, with a range of 6.78 to 10.39 hours. Only minor accumulation of both drugs was observed following repeat oral administration of EQUISUL-SDT and both drugs reached steady state by day 3. Sulfadiazine and trimethoprim key steady state parameters associated with administration in 6 fed horses over a period of 7 days are found in Table 2.

Table 2. Median (Range) of sulfadiazine and trimethoprim pharmacokinetic parameters following repeat dosing of 24 mg/kg bid EQUISUL-SDT for 7 days to six horses in fed condition

Drug	Sulfadiazine	Trimethoprim
Tmax (hr)	4.75 (1.00-12.00)	8.50 (0.50-12.00)
Cmax (µg/mL)	17.63 (10.10-31.15)	0.79 (0.60-1.14)
AUC 0-12 (last dose) (hr*µg/mL)	159.35 (73.90-282.54)	5.47 (3.31-10.91)
t 1/2 (hr)	7.80 (6.78-10.39)	3.00 (2.31-4.96)

MICROBIOLOGY

EQUISUL-SDT is the combination of the sulfonamide sulfadiazine and trimethoprim. These two drugs block sequential steps in nucleic acids biosynthesis. Sulfadiazine inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid. Trimethoprim blocks the production of tetrahydrofolic acid from dihydrofolic acid by reversibly inhibiting dihydrofolate reductase. The two drugs act synergistically, reducing the minimum inhibitory concentration of each, while enhancing the bacteriostatic action of each separately to a bactericidal action when combined.

EQUISUL-SDT administered as a combined sulfadiazine-trimethoprim dose of 24 mg/kg body weight twice daily for 7 days provided concentrations of sulfadiazine and trimethoprim with T>MIC90 (%T) values of 100% and 98% respectively. The minimum inhibitory concentration (MIC) values for EQUISUL-SDT against indicated pathogens isolated from lower respiratory tract infections in horses enrolled in a 2010-2011 effectiveness field study are presented in Table 3. All MICs were determined in accordance with the Clinical and Laboratory Standards Institute (CLSI) Approved Standard M31-A3 using a broth microdilution system and 3% lysed horse blood.

Table 3. Trimethoprim/sulfadiazine minimum inhibitory concentration (MIC) values of isolates recovered from horses with lower respiratory infection caused by *Streptococcus equi* subsp. *zooepidemicus* treated with EQUISUL-SDT in the U.S. (2010-2011)

Treatment Outcome	Success	Failure
Number of Isolates	65 ^c	46
Time of Sample Collection	Pre-Treatment	Pre-Treatment
MIC 50 ^b (µg/mL)	0.25/4.75	0.25/4.75
MIC 90 ^b (µg/mL)	0.25/4.75	0.25/4.75
MIC Range (µg/mL)	0.12/2.4 to 0.5/9.5	0.12/2.4 to 0.5/9.5

^a The correlation between *in vitro* susceptibility data and clinical effectiveness is unknown.
^b The lowest MIC to encompass 50% and 90% of the most susceptible isolates, respectively.
^c One isolate of *S. equi* subsp. *zooepidemicus* was not tested.

EFFECTIVENESS

A negative control, randomized, masked, field study evaluated the effectiveness of EQUISUL-SDT administered at 24 mg/kg body weight, orally, twice daily for 10 days for the treatment of lower respiratory tract infections in horses caused by *Streptococcus equi* subsp. *zooepidemicus*. In this study, a total of 182 horses were treated with EQUISUL-SDT, and 88 horses were treated with saline. One hundred seventy-three horses (112 EQUISUL-SDT and 61 saline) were included in the statistical analysis. Therapeutic success was characterized by absence of fever and no worsening of clinical signs at Day 5 and Day 10, and significant clinical improvement or resolution of clinical signs of lower respiratory tract infection by Day 17. The observed success rates are 58.8% (66/112) and 14.8% (9/61) for the EQUISUL-SDT and saline-treated groups, respectively.

Table 4 summarizes the statistical analysis results on the overall success rate.

Table 4. Overall Clinical Effectiveness Results

	Equisul-SDT	Saline	P-value ^a
Least Square Means	61%	13.1%	0.0123

^a P-value and estimated success rates are based on back-transformed mean estimates from the statistical analysis.

ANIMAL SAFETY

In a target animal safety study, EQUISUL-SDT was administered orally to 32 healthy adult horses at 0 (0X), 24 (1X), 72 (3X), or 120 (5X) mg/kg twice daily for 30 days. Loose stool was the most common abnormal observation. Observations of loose stool (pellets with liquid or unformed/couple stool) occurred more often in horses treated with EQUISUL-SDT with the incidence of loose stool increasing in a dose related manner. All incidents of loose stool were self-limiting and resolved without treatment. Horses in all EQUISUL-SDT groups demonstrated statistically significantly higher mean serum creatinine concentrations, and those in the 3X and 5X groups demonstrated statistically significantly higher mean serum albumin concentrations. Statistically higher mean neutrophil counts and mean serum gamma glutamyl transferase (GGT) activity were seen in the 1X and 5X groups. Individual animal creatinine, GGT, and albumin concentrations remained within the reference range. Serum individual elevations in absolute neutrophil counts ranged up to 7.09 x 10³/mmcl (reference range: 1.96-5.31 x 10³/mmcl).

Based upon blood concentrations obtained during the study, it was noted that the sulfadiazine and trimethoprim plasma concentrations did not increase in proportion to dose. Following sulfadiazine, a 3X and 5X dose resulted in an average exposure of 2.0X and 2.6X the concentrations observed following a 1X dose. For trimethoprim, the corresponding values were 2.5X and 3.5X as compared to the 1X dose. Furthermore, marked intersubject variability, particularly with sulfadiazine, resulted in substantial overlap of individual subject blood levels across the three dosing groups.

STORAGE CONDITIONS

Store at 59°-86° F (15°-30° C). Brief periods up to 104° F (40° C) are permitted. Protect from freezing.

HOW SUPPLIED

EQUISUL-SDT is available in the following package sizes:
135 mL
280 mL
560 mL
900 mL

¹ Kahn CM, Line S, eds. The Merck Veterinary Manual. 10th Ed. Merck & Co. 2010.





BREATHE EASY

Ask your veterinarian for the **ONLY** liquid FDA-approved oral antibiotic for treatment of equine respiratory tract infections



▶ Equisul-SDT® (sulfadiazine/trimethoprim)

- Clinically proven safe and highly effective
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- Has a refreshing apple-flavor your horse will love and readily consume – No bitter-tasting pills or pastes
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“ Our equine practice has switched totally to Equisul-SDT® when we diagnose respiratory infections. Because of the proven safety and efficacy, the client can easily administer the apple-flavored product at home without the need to crush pills or force-feed bitter paste products. The beneficiary is the equine patient who is getting a strong, well absorbed antibiotic specifically designed for horses. The assurance of using an FDA-approved drug like Equisul-SDT meets the standard of care which cannot be overstated. ”

- Dr. John Bennett
Equine Services, LLC
Shelbyville, Tennessee



Equisul-SDT®
(sulfadiazine/trimethoprim)



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Equisul-SDT is a Registered Trademark of Aurora Pharmaceutical, LLC.

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

EQUISUL-SDT is contraindicated in horses with a known allergy to sulfadiazine, sulfonamide class antimicrobials, or trimethoprim. The safe use of EQUISUL-SDT has not been evaluated in breeding, pregnant, or lactating horses. Potentiated sulfonamides should only be used in pregnant or lactating mares when the benefits to the mare justify the risks to the fetus. Do not use in horses intended for human consumption. Not use in humans. For animal use only. Keep this and all drugs out of the reach of children. Refer to the package insert in this issue or visit www.aurorapharmaceutical.com for complete product information.

respiratory and skin allergies. For more information please visit AuburnLabs.com, or call 877/661-3505 to speak with a qualified representative.

Aurora Pharmaceutical LLC, Booths 1205/1304

Aurora Pharmaceutical LLC is proud to offer horse owners its top-selling,

FDA-approved Equisul-SDT (sulfadiazine/trimethoprim) and Altren (altrenogest). Sold exclusively through equine veterinarians, Equisul-SDT is proven effective in horses for the treatment of lower respiratory tract infections caused by susceptible strains of *Streptococcus equi* subsp. *zooepidemicus*, the company says. Equisul-SDT is an easy-to-use,

apple-flavored liquid formulation that consistently provides higher bioavailability than paste products. Aurora says its FDA-approved Altren is the only FDA-approved generic alternative to Regu-Mate (altrenogest) made in the U.S. that provides safe, effective suppression of estrus in mares—95% effective after three days of treatment. Altren is the only FDA-approved altrenogest available in a safe and convenient 150-mL dosing container for easy at-home use, the company says. Each Aurora product is manufactured exclusively in the U.S. under current cGMP standards, while using state-of-the-art technology and highest proven ingredients. For more information contact Aurora Pharmaceutical at Aurorapharmaceutical.com or 888/215-1256.



Bimeda Inc., Booth 329

Bimeda is on a mission to help vets do what they do best: care for horses. The company says it provides a wide range of oral and injectable pharmaceuticals, dewormers, and supplements to help keep horses healthy and performing at their best. Its flagship products are Polyglycan, Tildren (tiludronate disodium), OvaMed (altrenogest), Flunazine Equine Paste (flunixin meglumine), Equimax (ivermectin/pyrantel), ConfidenceEQ, and more. Bimeda is excited to meet with vets and celebrate the equine community at the 2018 AAEP Convention, in San Francisco. Come by Booth 329 to learn more about the products, visit with staff, and take advantage of the last days of a special AAEP promotion for veterinarians. Bimeda says, “Let us be there for you. Care for horses. Rely on us.”

Providing lasting relief for your horse with Navicular syndrome.

- ✓ Effective
- ✓ Long-lasting
- ✓ Safe
- ✓ Control clinical signs



To learn more about Tildren®, ask your Veterinarian or visit tildren.us.

*CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian. Do not use in horses with impaired renal function or with a history of renal disease. NSAIDs should not be used concurrently with Tildren®. Concurrent use of NSAIDs with Tildren® may increase the risk of renal toxicity and acute renal failure. The safe use of Tildren® has not been evaluated in horses less than 4 years of age, in pregnant or lactating mares, or in breeding horses. Tildren® is a registered trademark of Cross Vetpharm Group. All rights reserved.

Boehringer Ingelheim Vetmedica Inc., Booth 1015

Boehringer Ingelheim says that as the global leader in equine health, its main goal is to improve equine patients’ health and quality of life. The company is dedicated to providing the latest product technology for the treatment and prevention of disease in horses. Learn more about their product portfolio and what they can offer the veterinary community.

CM Equine Products, Booth 1131

The CM Heal Belt provides a horse with what the company, headed by Bobbi Miesen, calls “the most effective



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2018



Tildren®

(tiludronate disodium)

BISPHOSPHONATE DRUG FOR INTRAVENOUS INFUSION.

For use in horses only

WARNINGS

Do not use in horses intended for human consumption. **NSAIDs should not be used concurrently with Tildren®.** Concurrent use of NSAIDs with Tildren® may increase the risk of renal toxicity and acute renal failure.

HUMAN WARNINGS

Not for human use. Keep this and all drugs out of the reach of children. Consult a physician in case of accidental human exposure.

CAUTION

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

INDICATION

Tildren® is indicated for the control of clinical signs associated with navicular syndrome in horses.

CONTRAINDICATIONS

Do not use in horses with known hypersensitivity to tiludronate disodium or to mannitol. Do not use in horses with impaired renal function or with a history of renal disease. Bisphosphonates are excreted by the kidney; therefore, conditions causing renal impairment may increase plasma bisphosphonate concentrations resulting in an increased risk for adverse reactions.

PRECAUTIONS

Approximately 30-45% of horses administered Tildren® will demonstrate transient signs consistent with abdominal pain (colic). Horses should be observed closely for 4 hours post-infusion for the development of clinical signs consistent with colic or other adverse reactions. Colic signs can last approximately 90 minutes and may be intermittent in nature. Hand walking the horse may improve or resolve the colic signs in many cases. If a horse requires medical therapy, non-NSAID treatments should be administered due to the risk for renal toxicity. Avoid NSAID use.

Horses should be well hydrated prior to administration of Tildren® due to the potential nephrotoxic effects of Tildren®.

Tildren® should be used with caution in horses receiving concurrent administration of other drugs that may reduce serum calcium (such as tetracyclines) or whose toxicity may exacerbate a reduction in serum calcium (such as aminoglycosides).

Horses with HYPP (heterozygous or homozygous) may be at an increased risk for adverse reactions, including colic signs, hyperkalemic episodes, and death.

The safe use of Tildren® has not been evaluated in horses less than 4 years of age.

Bisphosphonates should not be used in pregnant or lactating mares, or mares intended for breeding. Bisphosphonates have been shown to cause fetal developmental abnormalities in laboratory animals.

DOSAGE AND ADMINISTRATION

A single dose of Tildren® should be administered as an intravenous infusion at a dose of 1 mg/kg (0.45 mg/lb). The infusion should be administered **slowly and evenly over 90 minutes** to minimize the risk of adverse reactions. Maximum effect may not occur until 2 months post-treatment.

For **ADMINISTRATION INSTRUCTIONS** (preparation of the reconstituted solution (20mg/mL) and preparation of the solution for infusion) and for complete product information, please read the insert contained within the product packaging.

STORAGE

Sterile powder (not reconstituted): Store at controlled room temperature 68°F-77°F (20°C-25°C). After preparation, the infusion should be administered either within 2 hours of preparation, or it can be stored for up to 24 hours under refrigeration at 36°F-46°F (2°C-8°C) and protected from light.

HOW SUPPLIED

Tildren® is supplied in a 30mL glass vial as a white, sterile lyophilized powder containing 500mg tiludronic acid (as tiludronate disodium) packaged in a folding carton. For technical assistance or to report suspected adverse reactions, call 1-888-524-6332.

INFORMATION FOR OWNERS

Prior to Tildren® administration, owners should be advised of the potential for adverse reactions in the hours or days following treatment. Adverse reactions within 4 hours post dosing may include signs of colic (manifested as pawing, stretching, getting up and down, sweating, rolling, looking at flanks, kicking at belly, frequent gas, and pacing). Owners should be instructed to contact their veterinarian immediately if any adverse reactions are observed. Owners should be advised to consult with their veterinarian prior to the administration of an NSAID following Tildren® administration.

Made in Canada

Patent information: U.S. patent 6,057,306

belly bandage available.” The patented protected system and treatment method is designed to help prevent post-surgical hernias and reduce existing ones. The belt saves time, says Miesen, because it can be applied by one person, and it is cost-effective because it is durable and machine-washable and dryable. The bandage is available for patients from Mini to draft. It is also available in specialty sizes, such as for goats, cows, and pigs. For more information call 562/923-2868, email cmequine18@gmail.com, or visit the website at cmequineproducts.com.

Colorado Serum Company, Booth 1315

Since 1923 Colorado Serum Company and its subsidiary, Professional Biological Company, have manufactured a line of specialty veterinary vaccines and antiserums. Colorado Serum Company is the largest producer of Tetanus Antitoxin, which is available in a concentrated, purified form especially for the equine market. According to the company, a 2 mL dose provides 1500 IU of a clean and clear antitoxin. Also available in a concentrated and purified form is the West Nile Antibody for treating infected horses or for short-term protection. Veterinarians can administer this product intravenously at a dosage of 10 mL per 100 pounds of body weight. For use as an aid in nonspecific treatment of equine infections and disease conditions, Normal Equine Serum provides supplemental equine albumin, globulins, and associated fluids. The company also provides Eastern and Western Encephalomyelitis Vaccine and Tetanus Toxoid for primary vaccinations and boosting.

Visit the exhibit booth, and find more information at ThePeakofQuality.com.

Dechra Veterinary Products, Booths 1028/1030/1029

Dechra Veterinary Products, located in Overland Park, Kansas, is the U.S. sales and marketing division of Dechra Pharmaceuticals PLC, a U.K.-listed company dedicated to the animal health care market. Dechra's equine product line includes Osphos (clodronate injection), the only intramuscular bisphosphonate indicated for the control of clinical signs associated with navicular syndrome in horses, and the regenerative products Orthokine vet irap 10 and 60 and Osteokine PRP.

Other products Dechra manufactures are Equidone (domperidone) Gel, Phycos EQ and MAX EQ joint supplements, and a full line of intravenous fluids under the Vetivex trade name. Dechra also carries a full line of topical dermatology products for horses, such as MiconHex+Triz, as well as several ophthalmic ointments, including Vetropolycin (bacitracin-neomycin-polymyxin) veterinary ophthalmic ointment and Vetropolycin HC (bacitracin-neomycin-polymyxin-hydrocortisone acetate 1%) veterinary ophthalmic ointment.

EmberEquine by Juniper Systems, Booth 1407

EmberEquine is a complete ultrasound and record-keeping solution for managing the chaos of repro season.

With an affordable premium ultrasound, a waterproof tablet, and user-friendly record-keeping software, EmberEquine says it has everything you need to improve efficiency and keep your practice up-to-date with the latest technology.

Features include:

- Powerful touchscreen ultrasound—connected to tablet for ultrasound image transfer
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- Digital exam forms—simple and customizable
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- Billing codes—immediately accessible to office staff
- Appointment scheduling—easily keep track of upcoming appointments
- Free training

Juniper Systems says that as data collection experts, they're excited to introduce this premium solution. Visit them in Booth 1407 to demo EmberEquine, or for more information please call 435/753-1881.

Equinosis LLC, Booths 2236/2238

Equinosis LLC was founded in 2007 in Columbia, Missouri, with its first objective to make the Equinosis Q with Lameness Locator biomechanical care platform available to equine veterinarians and elevate the quality of care, health, and well-being of horses. The Equinosis Q is a real-time handheld field-based

(Continued on page 46)

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"A randomized, controlled trial of the effects of resveratrol administration in performance horses with lameness localized to the distal tarsal joints."

— Journal of the American Veterinary Medical Association

*September 15, 2016, Vol. 249, No. 6, Pages 650-659 *Equithrive Original & Complete Joint formulas*

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GlycoGuard™ is the first activated probiotic supplement that supports gut health in the first days of a nursing foal's life. With a combination of *B. infantis* and *L. plantarum*, these beneficial bacteria work in combination with mare's milk to stabilize the newborn foal gut.

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IMPORTANT SAFETY INFORMATION: ULCERGARD
*can be used in horses that weigh at least 600 pounds.
Safety in pregnant mares has not been determined.*



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(Continued from page 42)
system that enables veterinarians to objectively measure lameness with noninvasive inertial sensors. Evolving from motion analysis algorithms developed at the University of Missouri using high-speed cameras and treadmill, the Q is used in 30 countries and 65 universities, making it the gold standard for field-based measurement of lameness, the company says. The algorithms were developed in a collaborative effort between equine veterinarians led by professor of equine surgery Dr. Kevin Keegan and engineers led by professor of mechanical and aerospace engineering Dr. Frank Pai, for the specific purpose of equine lameness evaluation.

Visit equinosis.com to learn how the Q can benefit your practice.

Equistro by Vetoquinol USA, Booth 1321

The Equistro product line comprises elite equine supplements under the Vetoquinol line of animal health products, the

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OSPHOS[®]

(clodronate injection)



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The intramuscular bisphosphonate injection for control of clinical signs associated with Navicular Syndrome



As with all drugs, side effects may occur. The most common adverse reactions reported in the field study were clinical signs of discomfort or nervousness, colic and/or pawing. Other signs reported were: lip licking, yawning, head shaking, injection site swelling, and hives/pruritus. Osphos should not be used in pregnant or lactating mares, or mares intended for breeding. Use of Osphos in patients with conditions affecting renal function or mineral or electrolyte homeostasis is not recommended. Refer to the prescribing information for complete details or visit www.osphos.com.



Learn more online
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CAUTION: Federal law restricts this drug to use by or on the order of licensed veterinarian.

* Freedom of Information Summary, Original New Animal Drug Application, NADA 141-427, for OSPHOS. April 28, 2014.

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OSPHOS[®] (clodronate injection)

Bisphosphonate. For use in horses only.

Brief Summary (For Full Prescribing Information, see package insert)

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION: Clodronate disodium is a non-amino, chloro-containing bisphosphonate. Chemically, clodronate disodium is (dichloromethylene) diphosphonic acid disodium salt and is manufactured from the tetrahydrate form.

INDICATION: For the control of clinical signs associated with navicular syndrome in horses.

CONTRAINDICATIONS: Horses with hypersensitivity to clodronate disodium should not receive OSPHOS.

WARNINGS: Do not use in horses intended for human consumption.

HUMAN WARNINGS: Not for human use. Keep this and all drugs out of the reach of children. Consult a physician in case of accidental human exposure.

PRECAUTIONS: As a class, bisphosphonates may be associated with gastrointestinal and renal toxicity. Sensitivity to drug associated adverse reactions varies with the individual patient. Renal and gastrointestinal adverse reactions may be associated with plasma concentrations of the drug. Bisphosphonates are excreted by the kidney; therefore, conditions causing renal impairment may increase plasma bisphosphonate concentrations resulting in an increased risk for adverse reactions. Concurrent administration of other potentially nephrotoxic drugs should be approached with caution and renal function should be monitored. Use of bisphosphonates in patients with conditions or diseases affecting renal function is not recommended. Administration of bisphosphonates has been associated with abdominal pain (colic), discomfort, and agitation in horses. Clinical signs usually occur shortly after drug administration and may be associated with alterations in intestinal motility. In horses treated with OSPHOS these clinical signs usually began within 2 hours of treatment. Horses should be monitored for at least 2 hours following administration of OSPHOS.

Bisphosphonates affect plasma concentrations of some minerals and electrolytes such as calcium, magnesium and potassium, immediately post-treatment, with effects lasting up to several hours. Caution should be used when administering bisphosphonates to horses with conditions affecting mineral or electrolyte homeostasis (e.g. hyperkalemic periodic paralysis, hypocalcaemia, etc.).

The safe use of OSPHOS has not been evaluated in horses less than 4 years of age. The effect of bisphosphonates on the skeleton of growing horses has not been studied; however, bisphosphonates inhibit osteoclast activity which impacts bone turnover and may affect bone growth.

Bisphosphonates should not be used in pregnant or lactating mares, or mares intended for breeding. The safe use of OSPHOS has not been evaluated in breeding horses or pregnant or lactating mares. Bisphosphonates are incorporated into the bone matrix, from where they are gradually released over periods of months to years. The extent of bisphosphonate incorporation into adult bone, and hence, the amount available for release back into the systemic circulation, is directly related to the total dose and duration of bisphosphonate use. Bisphosphonates have been shown to cause fetal developmental abnormalities in laboratory animals. The uptake of bisphosphonates into fetal bone may be greater than into maternal bone creating a possible risk for skeletal or other abnormalities in the fetus. Many drugs, including bisphosphonates, may be excreted in milk and may be absorbed by nursing animals.

Increased bone fragility has been observed in animals treated with bisphosphonates at high doses or for long periods of time. Bisphosphonates inhibit bone resorption and decrease bone turnover which may lead to an inability to repair micro damage within the bone. In humans, atypical femur fractures have been reported in patients on long term bisphosphonate therapy; however, a causal relationship has not been established.

ADVERSE REACTIONS: The most common adverse reactions reported in the field study were clinical signs of discomfort or nervousness, colic and/or pawing. Other signs reported were lip licking, yawning, head shaking, injection site swelling, and hives/pruritus.



Distributed by: Dechra Veterinary Products
 7015 College Boulevard, Suite 525
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company says. The head office in the U.S. is located in Fort Worth, Texas. Equistro equine products have had 30 years of success in the European performance horse arena, and in the past two years have been introduced into the U.S. market. The Equistro product line consists of Flexadin-UCII, Myo Power, Secreta Pro Max, and Chrysanphtan.

The company says Flexadin UC-II is the only joint supplement in the U.S. market containing the unique patented UC-II undenatured type II collagen for joint support to help with joint soreness and stiffness. It adds that Myo Power is a branch chain amino acid supplement with L-Leucine, L-Isoleucine, and L-Valine for muscle support in horses. There are additions coming to the Equistro line, so stop by and visit the staff to get information on the new products and find out how they can help with your equine health care practice.

Equithrive, Booths 1409/1508

Equithrive's mission is to improve equine health and performance with products that are not only developed with care but also backed by science. Products that are safe and effective. Products you can trust. The company says its proprietary resveratrol ingredient, Resverasyn, has been clinically proven to reduce lameness, inflammation, and oxidative stress and support optimum metabolic function.

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“ You cannot practice a veterinary level of equine dentistry without dental radiology. Period. The average equine or mixed animal practice that is doing equine dentistry could, and should, easily incorporate dental radiology. If not, then I guarantee they are missing things. It is really quick, it is really easy, it is good for the bottom line, it is good for patient care, and it sets the general practitioner apart... doing better dentistry on fewer horses, while increasing practice revenue. In my opinion, dental equipment, including radiology, is the single greatest return on equipment investment in the clinical equine practice. Dentistry is a huge profit center. The initial purchase of the equipment is minor compared to what you generate long term.

Jon M. GIECHE, D.V.M., FAVD EQ, Diplomate AVDC EQ
(One of only eight AVD-EQ Fellows in North America!)



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It is no secret the animal nutrition market is saturated with substandard products and unfounded claims. If you believe in products backed by scientific research and clinical trials, look no further. Equithrive says it will continue to set the industry standard with a commitment to the research and development of animal health solutions. Come by Booths 1409/1508 to check out their new line of pelleted products and ask about their new Veterinarian Incentive Program. Equithrive.com

Evolve Biosystems, Booth 1934

Improving a foal's health might be as simple as combining new GlycoGuard with mare's milk. GlycoGuard is an oral activated microbial gel containing the direct-fed microbials *B. infantis* and *L. plantarum*. Microorganisms such as *B. infantis* are adapted to efficiently consume the complex carbohydrates found in mare's milk and, in turn, produce important short-chain fatty acids necessary for gut health. According to the company, intestinal colonization by other types of bacteria result in inefficient and incomplete utilization of these carbohydrates. This intestinal dysbiosis results in the inability of foals to receive the maximum benefit from mare's milk. With GlycoGuard, the company says, you can help give vulnerable nursing foals the intestinal support they need for a great start in life. For more information visit GlycoGuard.com or stop by Booth 1934 at AAEP.

Franklin-Williams Company, Booth 1941

Franklin-Williams describes itself as a pioneer in the development of bandage products designed specifically for equine use. The company's products are available as individual ready-to-use sterile (SteriRoll) and nonsterile (RediRoll) bandages, securely packaged to maintain integrity and provide a professional-looking product for dispensing to the client.

The material also is available as non-sterile bulk rolls (CombiRoll) in 10-yard lengths. SteriRoll and RediRoll are available in various lengths. The products are provided in 8-, 12-, 14-, 16-, and 18-inch widths. The company developed its EquiWrap Trauma Kit in consultation with equine practitioners for horse

owners' emergency treatment of limb cuts and abrasions until a veterinarian can devise a wound care plan.

Manufacture and distribution of these products is the company's only business. It has been in operation over 20 years. For more information call 800/556-5517 or visit FranklinWilliams.com.

Haygain USA and ComfortStall Inc., Booths 1447/1546

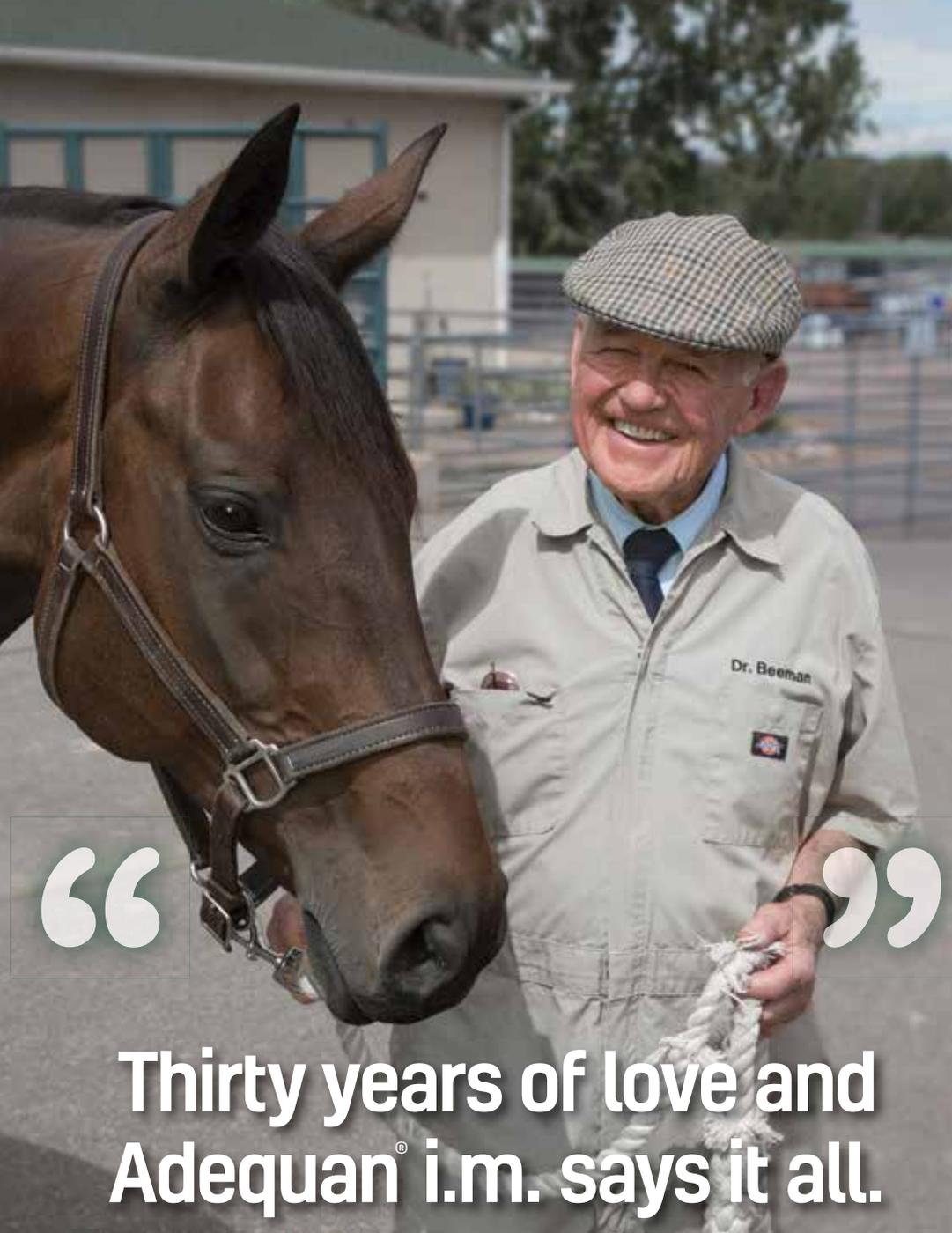
Haygain happily returns to the AAEP Convention because it shares the association's mission of improving horse health and welfare. The company's first product, the Haygain hay steamer, was developed and tested 10 years ago in conjunction with the Royal Agricultural University, in Cirencester, England. Since then, the company says veterinarians and horse owners globally and in all disciplines of equestrian sport have embraced the proven respiratory, nutritional, and digestive benefits of Haygain-steamed hay.

Haygain expanded significantly in 2017 with the purchase of ComfortStall orthopedic sealed flooring system. Its applications in the growing field of equine sports medicine enhance Haygain's place in best stable management practices, for horses ranging from high-performance athletes to backyard buddies, the company says. The Forager slow feeder and the Flexineb portable equine nebulizer complete the current line of Haygain products.

Please stop by the booth so Haygain can share the science behind all its products, or learn more at haygain.us.

Heska Corporation, Booth 1919

Heska Corporation, provider of lab diagnostics and imaging solutions, has announced the DentiSlate ... the world's first and only intraoral equine dental digital radiography (DR) detector. Now the elusive advantages of dental diagnostics are readily available to the general equine practitioner, removing limitations and boundaries that previously existed in the category of dental care. Now, says Heska Corporation, dental disease that was previously overlooked can be readily detected with the ease of a system that puts dental DR at your fingertips. As part of the revolutionary new Slate Hub portable multimodality wireless diagnostic system, DentiSlate brings intraoral dental DR anywhere you need it. Switch



“

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For thirty years, Dr. Marvin Beeman, a founder of Littleton Equine Medical Center, has counted on Adequan® i.m. [polysulfated glycosaminoglycan] for his patients. He even uses it on his own horse, Foxy, his beloved third-generation homebred mare. Adequan® has helped keep Foxy performing into her teens—so together, they're still galloping strong.

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Ask your veterinarian if Adequan® is the right choice for your horse. Visit adequan.com.

1 Adequan® i.m. [package insert]. Shirley, NY: Luitpold Animal Health; 2008; 2017.

2 Burba DJ, Collier MA, DeBault LE, Hanson-Painton O, Thompson HC, Holder CL: *In vivo* kinetic study on uptake and distribution of intramuscular tritium-labeled polysulfated glycosaminoglycan in equine body fluid compartments and articular cartilage in an osteochondral defect model. *J Equine Vet Sci* 1993; 13: 696-703.

3 McIlwraith CW, Frisbie DD, Kawcak CE, van Weeren PR. *Joint Disease in the Horse*. St. Louis, MO: Elsevier, 2016; 33-48.

4 Kim DY, Taylor HW, Moore RM, Paulsen DB, Cho DY. Articular chondrocyte apoptosis in equine osteoarthritis. *The Veterinary Journal* 2003; 166: 52-57.

INDICATIONS Adequan® i.m. [polysulfated glycosaminoglycan] is recommended for the intramuscular treatment of non-infectious degenerative and/or traumatic joint dysfunction and associated lameness of the carpal and hock joints in horses.

IMPORTANT SAFETY INFORMATION There are no known contraindications to the use of intramuscular Polysulfated Glycosaminoglycan. Studies have not been conducted to establish safety in breeding horses. **WARNING:** Do not use in horses intended for human consumption. Not for use in humans. Keep this and all medications out of the reach of children.

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

Please see Full Prescribing Information at www.adequan.com.

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between acquisition of dental DR, wireless ultrasound, large animal DR, blood gas/electrolytes, and endoscopy. All on one device at the press of a button. Visit Booth 1919 to see how you can revisit the way you practice dental medicine.

Horsepower Technologies, Booths 847/946

Horsepower Technologies is excited to introduce FastTrack, which it calls the world's first rehabilitative orthotic device for equine lameness. FastTrack demonstrates the ability to significantly improve rehabilitation and recovery following a flexor apparatus soft tissue injury, the company says. With patented SafeStop Technology, veterinarians can set a preferred range of fetlock motion, reducing strain on injured tendons and ligaments.

Visit Horsepower Technologies at AAEP island Booth 847/946 to learn about FastTrack and ask about the company's technology. To learn more

visit horsepowertech.com or call 844/51-HORSE.

Kentucky Performance Products LLC, Booths 1115/1214

Kentucky Performance Products LLC, the maker of Elevate and Neigh-Lox, is excited to introduce a new tool in the fight against metabolic syndrome in horses: InsulinWise. The company says the proprietary blend of ingredients in InsulinWise is research-proven to support healthy insulin sensitivity. Decreasing insulin dysregulation can provide a clinical benefit by reducing the risk of laminitis. InsulinWise is a veterinarian-only supplement offered through Kentucky Performance Products' Wiser Concepts line of products. Supporting research utilizing the ingredients in InsulinWise was conducted by an independent university and will be presented during the AAEP in the medicine session on Wednesday, Dec. 5, at 10:20 a.m. Learn how to add InsulinWise to your treatment plan by visiting the

Kentucky Performance Products booth. Information will also be available about the full line of veterinarian-only products offered by Wiser Concepts, including ProbioticWise and BoneWise, among others. Visit KPPvet.com to learn more.

Luitpold Animal Health, Booth 2021

Luitpold Animal Health, a division of Luitpold Pharmaceuticals Inc., is committed to advancing animal health with proven FDA products, including Adequan i.m. (polysulfated glycosaminoglycan) and BetaVet (betamethasone sodium phosphate and betamethasone acetate) injectable suspension. The company reports that Adequan i.m. has been relied on for nearly three decades by equine practitioners, while BetaVet is the only dual-ingredient intra-articular corticosteroid for horses.

As the manufacturer of Adequan Canine (polysulfated glycosaminoglycan), the company recently returned marketing and distribution of the product to its



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-Melissandre Lincourt

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portfolio, which it says reflects its position as a leader in health care for horses and dogs.

Luitpold Animal Health is proud to have been an AAEP Educational Partner since 2006. For more information visit us at AAEP Booth 2021 or adequan.com.

Merck Animal Health, Booth 1617

Merck Animal Health says it offers veterinarians and horse owners one of the most comprehensive product lines in the equine industry. The Merck Animal Health equine vaccine portfolio is known for its quality and safety, featuring the new line of Prestige vaccines with updated influenza strains. The company says its pharmaceutical line is trusted by veterinarians and horse owners to help manage pain and support performance, headlined by Panacur (fenbendazole), Banamine (flunixin meglumine), Regu-Mate (altrenogest), and Protazil (1.56% diclazuril).

Proud to be a 17-year AAEP Educational

Partner, Merck Animal Health says it continues to elevate equine care through one-of-a-kind programs, including the Biosurveillance Program and Unwanted Horse Veterinary Relief Campaign, which is celebrating 10 years helping horses in need.

For more information visit merck-animal-health-equine.com.

Platinum Performance Inc., Booth 829

Which foundation formula is right for each of your patients? Three veterinary-developed Platinum Performance foundation formulas provide support for every aspect of horse health, from head to hoof, the company says. Platinum Performance Equine provides the omega-3 fatty acids, vitamins, trace minerals, antioxidants, and amino acids to maintain health and support performance. With emphasis on joint and connective tissue health, Platinum Performance CJ contains all those ingredients plus additional levels of

support in the form of ASU, hyaluronic acid, cetyl-myristoleate, MSM, and additional glucosamine to help maintain mobility and athleticism. For horses with digestive health issues, the company says Platinum Performance GI provides all the wellness support of the original formula, along with prebiotics, probiotics, and glutamine to help maintain healthy digestion and immunity. Ask a Platinum Advisor for a trial of these formulas for use in your practice. 800/553-2400. PlatinumPerformance.com

PulseVet, Booths 1915/2014

PulseVet, which describes itself as the global leader in veterinary shock wave technology, manufactures both the ProPulse and VersaTron shock wave devices and trodes. The ProPulse is a smaller, faster, more powerful, and more user-friendly version of the company's industry-leading VersaTron. Shock wave technology is a noninvasive high-energy sound wave therapy that is backed by

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2018 AAEP CONVENTION PREVIEW

over 15 years of proven clinical research, says PulseVet. It says shock wave therapy can improve a horse's performance, significantly accelerate healing time following musculoskeletal or soft tissue injuries, and assist with wound or bone healing. PulseVet is the official shock wave provider of US Equestrian and the Western Pleasure Super Sires, a proud Global Sponsor of ISELP, and is utilized by leading veterinary clinics and universities worldwide. Please stop by Booths 1915/2014 while at the AAEP Annual Convention, visit PulseVet.com, or call 678/987-5100 for more information.

SmartPak, Booths 537/636

For six years SmartPak has been supporting healthy horses and healthy veterinary practices with ColiCare, the company's free colic surgery reimbursement program. The 2016 LaBel Marketing Veterinary Marketing Survey named ColiCare the No. 1 vet-recommended colic surgery reimbursement program in the country, and SmartPak says it's

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no wonder why. The program provides up to \$7,500 in surgery reimbursement and combines annual wellness services from the veterinarian along with daily administration of select digestive support supplements from SmartPak. This puts veterinarians back at the center of their patients' care and allows horse owners to say "yes" to colic surgery, potentially saving their horses' lives. It's a win-win: peace of mind for the client, healthy horses, and happy vets. Plus, signing up for ColiCare is easy—horse owners, including vets, can sign up over the phone or online. To learn more about the ColiCare program, visit SmartPak.com/ColiCare.

Sound/Antech Diagnostics, Booth 1729

As the pioneer of veterinary digital radiography and regenerative laser therapy, Sound says its steadfast commitment is to support equine veterinarians by delivering innovative diagnostic imaging, therapy, and information management



COURTESY JOHN LOUIE FOR SMG/SFCF

San Francisco's Moscone Center will be the site of this year's convention and trade fair.

solutions that help you deliver the best care to your patients. Today the company is even more excited about what's happening at Sound. It says that in addition to launching the best-selling DR products in veterinary history, Sound SmartDR and the NEXT Equine DR, SmartPACS has been introduced to make image management easier than ever.

As the exclusive provider of GE veterinary ultrasound in the United States,

Sound is a dedicated supporter of ISELP, responsible for the training and certification of hundreds of the top veterinarians in ultrasound. Sound continues to expand its exclusive partnerships with industry-leading companies, including GE Healthcare, Varian, AGFA, and Merge.

Be sure to stop by the Sound booth at AAEP to see the latest addition to the imaging suite, the Samsung Neurologica BobyTom portable equine CT. Visit SoundVet.com to learn about the evolution of equine imaging and the new SmartRLT—regenerative laser with an IQ.

Triple Crown, Booths 419/518

For the past 25 years, Triple Crown's sole focus has been to provide innovative, super premium horse feeds and forages to meet the needs of a variety of horses. Featuring fixed formulas and EquiMix Technology, a unique combination of probiotics, prebiotics, organic minerals, and digestive enzymes, Triple Crown says its feeds are designed to help optimize

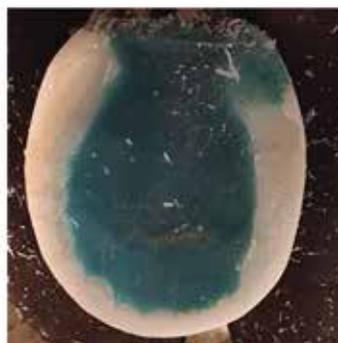
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and Rosevelt

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digestion and maximize absorption. Triple Crown also offers a line of forages to improve overall hay quality. Its Safe Starch and Alfa-Lox forages are ideal for horses with metabolic disease, gastric ulcers, and poor dentition. For clients looking for GMO-free alternatives, the Triple Crown Naturals product line provides soy-free, GMO-ingredient-free options. Stop by Booths 419/518 or visit triplecrownfeed.com.

Veticus, Booth 1547

Wayne H. Faber, DVM, introduces a collection of all-natural topical sprays under the Veticus label.

Veticus is an all-natural formula based on the advanced science of HOCl, a natural part of our internal defense system. It's produced in white blood cells and works to fight infection and enhance healing. Antibiotic resistance is a nonissue with HOCl, says the company, and it presents no side effects or contraindications.

Veticus works to support the skin's overall wellness in post-procedural care, irritations, wounds, and inflammation, and the company says it is safe, nonirritating, hypoallergenic, and economical.

The company also reports Veticus is without peer, meeting the highest standards of purity, safety and stability, and FDA-cleared, with an 18-month FDA cleared shelf life.

Faber says, "As the science underlying the issues of viral, bacterial, and fungal contamination advances, our goal is to be the leader in bringing these breakthrough advancements to the veterinary profession."

Vettec Inc., Booth 725

Vettec manufactures hoof care products for the hoof care professional. Vettec's extensive line of hoof-related materials allows your hoof care professional to complete hoof repairs and glue on shoes with Adhere, as well as create instant shoes and foal extensions with Superfast. Vettec says its instant pad materials (Equi-Pak, Equi-Pak CS, Equi-Pak Soft, Sil-Pak, and Sole-Guard) promote heel and sole growth, eliminate thrush, protect and support the equine foot, and prevent stone bruising. Does your horse suffer from sore feet, low heels, broken walls, thrush, laminitis, navicular, or founder? Ask your hoof care professional

or visit vettec.com to explore how these tools can work for you.

Xtterra/Vetline Inc., Booths 937/1036

Vetline Inc. is the maker of Xtterra, the only herbal option for equine cosmetic skin care. The company says its newly re-introduced proprietary blend of chelated amino acids, Equilytes, is like none other and absorbs in minutes. Sister products EqVital-R and EqVital-S are complete, balanced supplements designed to keep your horse healthy during vigorous training or for mares and their foals during breeding season. Race Today is a supplement that Vetline Inc. says combats the effects of equine exercise-induced pulmonary hemorrhage and is used by National Finals Rodeo-qualifying athletes. All products are made with human-grade ingredients and include organic molasses that horses love.

Vetline Inc. is an established company created by veterinarians to help manage specific equine health needs with scientifically balanced nutrition and all-natural, organic ingredients. Vetline says it boasts a line of long-standing, successful supplements for training, competition, and maintenance of your equine athlete.

Zoetis, Booth 1429

Building on a six-decade history and a singular focus in animal health, Zoetis says it proudly partners with veterinarians, horse owners, and industry professionals to help ensure every horse receives the health and wellness care he deserves. Zoetis endeavors to provide your business with best-in-class products and services and an unmatched commitment. In August 2018, Zoetis introduced Core EQ Innovator. Available only through a veterinarian, Core EQ Innovator is the first and only vaccine to contain all core equine disease antigens to protect horses against West Nile virus, Eastern and Western equine encephalomyelitis, tetanus, and rabies—in one injection. Zoetis is devoted to every horse—from those retired at pasture to horses competing at the highest levels. Every horse deserves core disease protection, every spring.

For more information on how Zoetis supports the equine veterinary industry and works to help horses live long, healthy lives, visit ZoetisUS.com. 🐾

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