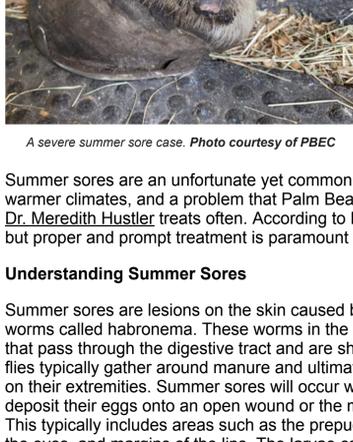


Keep Reading To...

- > Learn best practices for the treatment of summer sores
- > Meet the newest PBEC intern and get up to speed on the latest team news
- > Find out how Chinese herb New Xiang Ru can address anhidrosis

Treating Equine Summer Sores



Summer heat is in full force across the states, and with high temperatures and humid conditions comes an elevated risk for equine summer sores. Flies thrive in these conditions, which can create many nagging problems for horses. One of the most serious problems are **equine summer sores**, which are medically known as habronemiasis, granular dermatitis, and jack sores.

A severe summer sore case. Photo courtesy of PBEC

Summer sores are an unfortunate yet common occurrence in areas with warmer climates, and a problem that Palm Beach Equine Clinic veterinarian **Dr. Meredith Hustler** treats often. According to Dr. Hustler, prevention is key, but proper and prompt treatment is paramount if a summer sore does emerge.

Understanding Summer Sores

Summer sores are lesions on the skin caused by the larvae of equine stomach worms called habronema. These worms in the horse's stomach produce eggs that pass through the digestive tract and are shed in the horse's feces. Barn flies typically gather around manure and ultimately collect the parasite's larvae on their extremities. Summer sores will occur when flies carrying the larvae deposit their eggs onto an open wound or the mucous membranes of a horse. This typically includes areas such as the prepuce, lower abdomen, corners of the eyes, and margins of the lips. The larvae cause an inflammatory reaction, often with discharge and the production of granulation tissue infected with larvae.

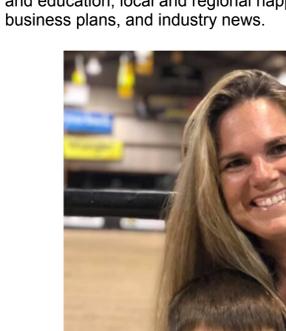
Understand Summer Sores

Meet the PBEC Team

Intern Dr. Charley McCoulogh

Dr. McCoulogh completed his undergraduate studies at Wake Forest University with a double major in Biology and Spanish. Upon graduation, Dr. McCoulogh obtained a certification in Phlebotomy and worked as a Biomedical Research Technician for Weill Cornell Medical College in New York City. In this position, he performed hematology and oncology research assays, blood and bone marrow processing, separation, analysis, and cryopreservation, and analyzed cells for DNA extraction.

Dr. McCoulogh volunteered for the Sea Research Foundation in his home state of Connecticut, where he led immunophenotyping for the Marine Mammal Immunological Diagnostics Program that was funded by the Office of Naval Research. His efforts in data analysis contributed to the program's ability to receive grant funding. Dr. McCoulogh also volunteered for the Aquatic Animal Health Center of New York Aquarium as a veterinary assistant where he worked with diverse marine life, such as penguins, walruses, otters, seals, and various fish and amphibians.



Dr. Charley McCoulogh. Photo courtesy of PBEC

Evolving from sea to land animals, Dr. McCoulogh gained experience as a veterinary technician for a small animal hospital in New York City, and then decided to pursue a doctorate in veterinary medicine at the Royal Veterinary College of London in the United Kingdom. Throughout his studies, he completed several research projects, including the investigation of early loss of pregnancy in thoroughbred mares, and the culture, fluorescent microscopy, and flow cytometric analysis of primary equine trophoblast cells. Dr. McCoulogh completed an externship at Palm Beach Equine Clinic during his final year of veterinary school and has been keen on pursuing a career in equine sports medicine.

Learn More About Dr. Charley McCoulogh

PBEC Team News

Congratulations to Palm Beach Equine Clinic's own Kim Emmons on her completion of the American Association of Equine Veterinary Technicians (AAEVT) Equine Certificate Program!

Kim has more than 25 years of experience as a certified veterinary assistant, but she was eager to advance her knowledge through this additional certification. Now, she is formally recognized as an equine specialist in the field, distinguished by the American Association of Equine Practitioners (AAEP) and the AAEVT. She also serves as an AAEVT Regional Contact for Florida, Alabama, Georgia and South Carolina. The AAEVT Regional Contacts, along with the Board, meet monthly via Zoom call to discuss training and education, local and regional happenings in the equine veterinary industry, business plans, and industry news.



Kim Emmons and her son Casen. Photo courtesy of PBEC

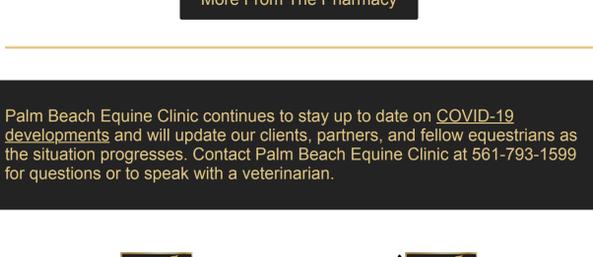
To acquire this certification, Kim completed courses on equine diseases and parasitology, nursing care, pharmacology, surgical assistance and anesthesia, laboratory diagnostics, imaging modalities, and much more.

Palm Beach Equine Clinic has been incredibly fortunate to have Kim as part of our team for more than 22 years. Her steadfast dedication to providing the highest quality patient care, contributions to hospital management, and willingness to lend a helping hand in any situation are qualities that make her an incredible person and asset to PBEC! Please join our team in congratulating Kim on her accomplishment!

Palm Beach Equine Clinic Teams with Acreage Groups for Equine Hurricane Preparedness Clinic

Palm Beach Equine Clinic provided veterinary services for horse owners as part of a new event series by the Acreage Landowners' Association, Western Equestrian Shows and Trails, and the Indian Trail Improvement District.

Kicking off a first-of-its-kind clinic series for horse owners of western Palm Beach County, several Acreage groups enlisted the veterinary team of Palm Beach Equine Clinic to provide hurricane preparedness expertise. The clinic, held on August 15, 2020, at Nicole Hornstein Equestrian Park in Loxahatchee, FL, was originally scheduled for the first of the month, but was postponed in true Florida fashion due to Hurricane Isaias.

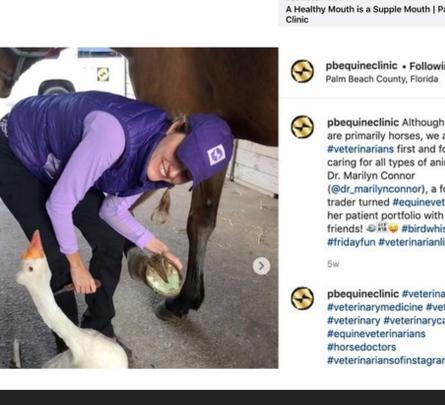


The Equine Hurricane Preparedness Clinic garnered a couple dozen attendees, masked up with their horses in tow. Kim Emmons, Western Equestrian Shows and Trails (WEST) Clinic Director and certified equine veterinary technician, is the driving force behind the event series.

"I've lived in and have been active in our local equestrian community for more than 20 years," said Emmons, who led the discussion on best practices for horse owners during hurricane season.

Keep Reading

From The Pharmacy: New Xiang Ru San



New Xiang Ru San. Photo courtesy of PBEC

Palm Beach Equine Clinic is proud to offer a range of treatments and therapies, including select Chinese herbal medicines. **New Xiang Ru San** is one such herbal medicine that can be used to treat horses suffering from anhidrosis, or the inability to sweat normally. Anhidrosis can be a common challenge, particularly in hot, humid climates. New Xiang Ru powder has proven to be a clinically effective aid for non-sweaters as it promotes heat and fluid disbursement through healthy sweating. New Xiang Ru San is a blend of the Chinese herbs Bian Dou (hyacinth bean), Xiang Ru (mosla), Hou Po (magnolia bark), Lian Qiao (forsythia), and Jin Yin Hua (honeysuckle flower).

More From The Pharmacy

Palm Beach Equine Clinic continues to stay up to date on **COVID-19** developments and will update our clients, partners, and fellow equestrians as the situation progresses. Contact Palm Beach Equine Clinic at 561-793-1599 for questions or to speak with a veterinarian.



pbequineclinic • Following Wellington, Florida

pbequineclinic Ever heard of a radioactive horse? **Nuclear Scintigraphy** (a bone scan) begins with the injection of a radioactive isotope called Technetium 99 that is bound to a phosphate analogue. The isotope - phosphate molecule attaches to the mineral matrix of the bone in areas where bone is active. A gamma camera is then used to

Palm Beach Equine Clinic
The most common signs of dental discomfort in horses include:
• head-tilting and tossing
• difficulty chewing
• bit-chewing and tongue rolling
• tail-wringing, bucking and other behavioral issues
• drooling and bad breath
• (sometimes) weight loss and spillage of grain
Talk to your #PBECvet about your horse's dental health or schedule an exam by calling 561-793-1599.
#EquineVeterinarians #EquineDentistry #HorseHealth

A Healthy Mouth is a Supple Mouth | Palm Beach Equine Clinic

pbequineclinic Although our patients are primarily horses, we are #veterinarians first and foremost, caring for all types of animals! Here is Dr. Marilyn Connor (@dr_marilynconnor), a former stock trader turned #equinevet, diversifying her patient portfolio with a few winged friends! 🦅🦉🦋 #birdwhisperer #fridayfun #veterinarianlife

pbequineclinic #veterinarians #veterinarymedicine #veterinarylife #veterinary #veterinarycare #equineveterinarians #horse doctors #veterinariansofinstagram

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- CLINIC SERVICES
- MEET THE VETERINARIANS
- CONTACT PALM BEACH EQUINE CLINIC

