



For more information on current strategies of deworming and parasite control, please refer to our website: www.ssequineclinic.com

New research has shown that deworming on a rotation every 6-8 weeks is not a proper way to care for horses anymore. Because of anthelmintic resistance we are recommending a new system of fecal testing, deworming and protecting the environment to prevent horses from becoming infected with parasites in the first place. For optimal impact, you must give the right dewormer at the effective dosage at the appropriate time of year. The purpose of rotating between different drug classes is due to the fact that some parasites will survive treatments with a particular dewormer. If you use the same drug class in successive treatments, then the surviving parasites can reproduce with new generations resistant to that particular drug class. Furthermore, timing of deworming is very important. For example, the small strongyle larvae are able to migrate and hide in the wall of the large intestine and are not affected by many of our common anthelmintics. These larvae begin to emerge as the days get longer (March-April). We often see an increase in fecal egg counts (FEC) at this time. By deworming for small strongyles at the proper time in your area of the country, we can thwart extensive egg laying that would contaminate spring pastures and perpetuate infection the rest of the year. Many of our current dewormers will kill only the adults. It is ideal to deworm with a product that will treat both the adults as well as the larvae twice annually. It is also imperative to ensure you are giving the proper dosage to your horse, which is based on their body weight. Your horse's body weight should be measured and recorded by your veterinarian at his/her annual physical exam. We provide all clients who enroll in the Wellness Plan a weight tape which gives an estimation of your horse's body weight by girth size. Lastly, it is important to be sure that your horse gets and swallows all of the deworming medication. Ask for assistance if your horse resists oral administration.

To determine the effectiveness of the dewormer that you are using, as well as your overall deworming program, it is essential to perform serial fecal egg counts (FECs). FEC testing determines the concentration of parasite eggs in manure. Initially, a FEC should be done 10 to 14 days after deworming to establish the effectiveness of the product used (you should expect a FEC near zero). A second FEC should be done at the egg reappearance period (ERP). The ERP is a predictable interval where the FEC remains low after an effective deworming agent is administered and it differs slightly depending on the deworming product used. The normal ERP is 4 weeks for benzimidazole and pyrantel products, 6-8 weeks for ivermectin, and 12 weeks for moxidectin. The second FEC helps to determine which horse may have a high parasite load (encysted larvae) and/or if your farm or paddock has a parasite problem (re-infection). By identifying the "problem" you can provide targeted treatment of the individual horse and/or environment.

Cleaning manure out of stalls daily and paddocks 2-3 times weekly is essential to controlling parasite contamination of your horse's environment. Rotating paddocks periodically in the hot, dry months allows larval stages to emerge and die off without finding hosts. If you spread your manure over actively grazed areas, it is best to compost it prior to spreading it, as the heat generated during the process kills the parasite eggs. Additionally, you always want to deworm new horses and check their FEC prior to turning them out with the herd to minimize contamination by an unknown host.

Research has found that once a farm and its horses have been cleared of parasites, many horses only need to be dewormed twice yearly. This approach to strategic deworming and parasite control will minimize the potential of developing resistance and is better for the environment. It also stops us from giving unnecessary medications to our equine friends and, long term, minimizes costs to you, the horse owner.



Advances in nutrition, medicine, surgery, diagnostic imaging, and preventative care have led to longer and more enjoyable lives of our equine friends. Medications, nutraceuticals, supplements, deworming agents, and vaccines have also helped to eradicate diseases, relieve common problems, prevent suffering, and provide much more fruitful lives for our horses. By ensuring your horse receives a yearly physical exam (including an ophthalmic exam, heart auscultation, and nutritional evaluation), blood and fecal screening, and appropriate preventative care, you will help to detect early signs of diseases or underlying problems before they become a big problem and/or have long term effects.

Superior Preventative Wellness Plan includes:

- ◆ 3 Farm calls (2 spring farm calls & 1 fall farm call)
- ◆ Extended Physical Exam (including Cardiac and Ophthalmic Exams)
- ◆ Nutritional Counseling
- ◆ Core vaccines (Rabies, 2 Flu/Rhino, Eastern & Western Encephalitis, Tetanus Toxoid, & West Nile)
- ◆ Coggins Testing
- ◆ Two fecal exams with egg counts
- ◆ Oral/dental exam with Powerfloating and appropriate sedation
- ◆ Sheath Cleaning (while sedated for Powerfloating)
- ◆ Two Ivermectin/Praziquantel dewormers
- ◆ Routine blood screening (CBC, Blood Chemistry, and Electrolytes)

By participating in the Wellness Plan, your horse will also qualify for **5% off any additional service for the entire year.**

South Shore Equine Clinic & Diagnostic Center is pleased to announce the **Superior Preventative Wellness Plan**. Similar to human pediatric care and in small animal veterinary practices, this plan will enable us to screen for early signs of problems and ensure that each individual horse receives care tailored specifically to his or her needs. Even with the numerous supplements, new diets and medications available, the healthy, competitive horse can develop underlying problems which could go undetected for years.

Our senior patients are living longer, requiring closer nutritional management and proper dental care by a trained veterinarian.

Younger patients, along with the adults and geriatrics, benefit by establishing individual normal values, or baselines, which we can refer back to if and when problems arise.

The cost for all of these services would total over \$1000!! By enrolling in the Superior Preventative Wellness Program before December 31, 2011 you will receive a FREE SSEC t-shirt and hat, the total cost to you is also reduced to **\$525.00!** After December 31, 2011 the cost of enrollment is **\$555.00**. Each additional horse enrolled in the Wellness Plan, under the same owner is **\$495.00** per horse. Enrollment must be for each individual horse. We require payment at the time of enrollment and you can enroll your horse(s) at any time.

New this year, we are offering a payment plan for the Superior Preventative Wellness Program, but you must enroll by March 1, 2012. The cost of enrollment for the payment plan is six payments of \$120 per month. Clients enrolled in this plan will have their credit cards automatically charged on the first of each month. The final payment will be completed by August 1, 2012. With this payment plan you will still receive a 30% discount for all of these items and services.

Superior Preventative Wellness Plan Enrollment Form

Patient Information

Patient Name _____
 Breed _____
 Age _____ Sex _____
 Farm Name _____
 Farm Address _____

Client Information

Client Name _____
 Email Address _____
 Client Address _____
 Client Call Phone _____ Client Home Phone _____

Method of Payment

MasterCard Visa AMEX
 Discover Card CareCredit Check

Credit Card # _____
 Exp. date _____ Signature _____

Name as it appears on the card _____

Billing Address _____

South Shore Equine Clinic & Diagnostic Center
 151 Palmer Road, Plympton, MA 02367
 781-585-2611 (fax) 781-585-0611

www.ssequineclinic.com