

# PERFORMANCE ENHANCERS

*Last update: 27 Mar 2008*

CLOVERDALE PHARMASAVE carries both natural and chemical performance enhancers for horses. In fact, we have been specializing in professional veterinary supplies for the past 50 years, so we dare say we were one of a kind of specialty drugstores. With experienced registered pharmacists and certified natural products advisors on staff, we carry many items that are not available from feed stores, tack stores, the average drug store, and on-line stores. We offer professional advice on selection, comparison, and proper usage of products. Our online store is still under construction so we have not yet listed all the items we carry. If you are interested in any of the products and need more information, please either phone 604-576-2888 or e-mail us at [info@CloverdalePharmasave.com](mailto:info@CloverdalePharmasave.com) and we will do our best to help you find the right product. **For complex problems, we offer "Live Well Consultations" in which we study your case and provide information on relevant products.** Please refer to "Live Well Consultations" for detailed fee schedule and other details.

## **DISCLAIMER:**

**None of the following replaces timely veterinary care.**

**None of the following is intended to make a claim. None of the following has been proven scientifically. Not all products are registered in Canada. When a product is not registered, manufacturers are not expected to back claims and indications. Usage and indications in these cases are based on anecdotal evidence, or suggested by journals and publications. This disclaimer specifically applies to the Heel veterinary homotoxicological injections.**

**Expected results vary from case to case. We suggest you check with your own veterinarian before using any of these products.**

## **A few words on drug testing:**

The action of administering anything to a horse in order to affect the horse's performance prior to an event is regarded as illegal by most racing commissions.

However, if you still want to do that without being tested positive, the preferred medications/supplements to use would be homeopathic medicines and certain natural products. Homeopathic medications had been so diluted that a positive testing is extremely unlikely. Many herbs may test positive as herbs such as white willow bark and devils' claw may test positive because they contain chemically active ingredients.

## **BASIC COMPETITION PROGRAM**

I usually start the horse on:

### **(A) Daily supplements**

"Performance One" and "Ration Plus"

(Please go to the relevant sections below for details and more choices.)

### **(B) For pain killing and improved endurance,**

(Please go to the relevant sections below for details and more choices.)

Starting 3 days before the race,

Give the following every day for 3 days:

Traumeel us. ad vet injection,  
Cactus Compositum injections,  
ATP 30 X Liquid or ATP Injection,  
Sportenine Liquid

Give all the above the night before the race.

Give all the above the morning of the race again.

This program will kill pain during the race, improves endurance, and accelerate recovery from the race. None of the products will test positive.

(Please go to the relevant sections below for details and more choices.)

### **(C) For bleeders**

(Please go to the relevant sections below for details.)

If the horse is a bleeder, I usually start the horse on:

Cinnamomum Chord Liquid,

Mucosa Compositum Injection, and

Traumeel ad us vet Injection

(Please go to the relevant sections below for details and more choices.)

**The following sections are listings of various supplements that we use. This list is incomplete because it is under constant revision. Not all the products are listed on our on-line store. Please phone or email us for details.**

### **DAILY VITAMINS**

**Performance One** (Science Pure, all round daily vitamin, minerals, glucosamine, MSM, creatine, DMG, lysine, methionine, vit. C, biotin, etc.)

#### **Mega Blut**

Designed for the performance horse. Original maximum strength formula by Sterivet.

Mixture is in powder form packed in daily pouches. 30 pouches per box. Oral haematinic to help maintain performance levels in horses exposed to ultimate stress and an aid in the prevention and treatment of iron deficiency anaemia.

Supplies essential vitamins and minerals including vitamin E to help muscle development, and zinc to meet increased requirements during growth and stress, speeding up carbon dioxide removal from cells. Also contains electrolytes.

Mega Blut is the choice to replace the discontinued Visorbin because of the quality, time honoured efficacy, ease of administration and affordability.

**Nutrequin Classic** and **Nutrequin Elite** (veterinarian professional grade multi vitamin/minerals)

**CT Support** (Science Pure: CT stands for Connective Tissue: glucosamine, MSM, vitamins, mineral, DMG, etc.)

**Equine Super Diet** (by Vetoquinol, similar to the discontinued "Replenish": best value high grade daily all round vitamin/ mineral. Highly palatable, apple flavored pellets. For the performance horse, mares and foals. Contains zinc, copper and other minerals that may help prevent bone problems in young horses.)

**SHOW & GO Equine Health, Performance & Body Builder** by Animal Naturals (see product label below for details):

PERFORM BETTER LOOK BETTER LIVE BETTER

# SHOW & GO™

Equine Health, Performance  
& Body Builder

**ALL-IN-ONE MASTER SUPPLEMENT**

- ▶ Builds strong, lean muscle
- ▶ Enhances endurance
- ▶ Creates lustrous coat
- ▶ Lowers stress hormone
- ▶ Strengthens joints
- ▶ Boosts immunity & resistance
- ▶ Buffers lactic acid
- ▶ Speeds recovery & healing
- ▶ Improves O<sub>2</sub> uptake
- ▶ Reduces muscle damage & soreness

Replaces 20+ supplements

**ALL NATURAL**  
NET WT. 10 lbs. (4,540g) 72 SERVINGS

Unlock More  
Genetic Potential!  
*Drug Free, Tests Clean!*

**\*\* HUMAN GRADE \*\***  
PHARMACEUTICAL QUALITY

**GO HORSE 3-in-1 Equine Energy & Recovery Drink** (see product label below for details):

WORLD'S FIRST EQUINE SPORTS DRINK

**GO HORSE™**

3-in-1 Equine Energy & Recovery Drink

MIXES INSTANTLY & HORSES LOVE IT

- ▶ Replace lost electrolytes
- ▶ Rapidly rehydrate tissues
- ▶ Blunt muscle cell damage (exertional rhabdomyolysis)
- ▶ Reverse muscle cell loss (exercise-induced proteolysis)
- ▶ Reduce delayed onset muscle soreness (DOMS)
- ▶ Relax, widen blood vessels to increase oxygen & nutrient flow to muscle (hemodilation)
- ▶ Inhibit inflammation
- ▶ Repair, regenerate joint tissue
- ▶ Stimulate protein (muscle) synthesis
- ▶ Reverse oxidative (free radical) cell damage
- ▶ Restock muscle and hard-to-fill liver glycogen
- ▶ Blunt toxic stress hormone cortisol
- ▶ Buffer post workout acidosis (H<sup>+</sup>)
- ▶ Boost immune function & resistance

Fuel Performance!  
Build Power Reserves!  
Drug Free, Tests Clean!

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Formulated with Nobel Prize Discovery

Dr. Reed's #1 (powder) and

Dr. Reed's #2 (pellets): The #1 (powder) is for general use. The #2 (pellets) is formulated specifically for mares and foals to prevent DOD's (developmental orthopaedic disorders including contracted tendons, epiphysitis, etc.), but *the pellet is in fact safe for any kind and age of horse*. These vitamins are formulated by Dr. David Reed who had practiced in BC for decades and who is very familiar with the deficiencies in local feeds. So, these vitamins are good daily "insurance" supplements for horses on local feed. The famous equine nutritionist Shannon Oldham-Dueck as well as Unifeed's Dave Dybel were also instrumental in its formulation. There is an article by Karen Briggs outlining the benefit of this supplement in the March 2005 edition of the Pacific & Prairie Horse Journal. Dr. Reed's vitamin is made locally in the Fraser Valley and we do not have to order large quantities so the stock is always fresh. And finally, the price is right. For more information, phone Dr. David or Mrs. Wendy Reed at 250-546-6902. You can also email them at [thereeds@uniserve.com](mailto:thereeds@uniserve.com).

Ultra-Kelp (Dried Norwegian kelp good for general health, coat, hoof, vitality, used as a general daily vitamin supplement.)

Kelp (Herbs for horses)

Wheat Germ Oil (for coat and joints)

Fish Oil (Omega fatty acids, the good fats, for coat and joints)

Dicalcium Phosphate (calcium supplement for bones and for typing up)

Mirra-coat (for beautiful show coat)

**Electrolyte H** (high quality electrolyte from Sterivet/Vetoquinol)

**Endura (Metagenics):** Electrolyte designed for strenuous exercise, has magnesium for preventing cramps, has malic acid for preventing fatigue. Metagenics designs and makes professional naturopathic grade supplements. Orange flavored. Highly palatable.

E-Charge (electrolyte)

Apple-Eh (apple flavored electrolyte)

Quench Apple

Liquid Electrolyte from Vetoquinol (easy to use, just pour into water trough).

MegaSel liquid(E & selenium, good for typing up)

E & Selenium Powder/Crumbles

Mega E 10.000 powder (Vitamin E for typing up, for anti-oxidant action)

## **BODY BUILDERS**

**SHOW & GO Equine Health, Performance & Body Builder** by Animal Naturals (see product label below for details.)



**RATION PLUS:** A probiotic preparation proven to help horses digest and absorb the feed. Voted “Product of the Year” by the world renowned horse nutritionist Michael Plumb who rated Ration Plus top ranking after comparing it with many other similar products. It helps the horse to put on weight (muscles) through more efficient digestion. It is ideal for hard keepers and performance horses that need to keep up their muscle mass. It works so well that many horse owners had to cut back the daily ration eventually. Also good for gastro-intestinal disturbances like frequent colics and ulcers. Also produces nice hooves and coat as a bonus. Also reported to have calming effect on race horses. Feed 6 to 10 ml daily. One bottle lasts 2 – 3 months. Can be used long-term.

**Fish Oil:** works by increasing horses calorie intake. Also supplies “good fat”.

**Fat Cat:** a carbohydrate product that works by increasing calorie intake.

## **PROBIOTICS**

**Ration Plus** (the probiotic of choice according to Michael Plumb, elected Horse Product of the Year by

The Horse Journal, does not contain live organisms so the horse does not have to deal with the immigration of foreign organisms. Effective for weight gain and for hard keepers because it enhances digestion, absorption and assimilation of the feed. Also for frequent colics and other digestive disorders, good adjunct to antibiotic and dewormers. Cost less than a dollar a day).

**Fastrack Probiotics:** Conklin: contains dried live organisms.

### **IMMUNE BOOSTERS**

**APF** (adaptogen; herbal extract of *Eleutherococcus senticosus*, *Schizandra chinensis*, *Rhodiola rosea*, *Echinopanax elatus*)

**Engystol Vet Injection** (homeotoxicological preparation for immunity)

**Echinacea compositum ad us. vet injection**

**Coenzyme compositum ad us. vet injection**

**Ginseng Injeel Forte Injection**

**Echinacea Plus Powder** (Basic Sports Nutrition) (herbal & vitamin preparation for immunity)

Vitamin C injection

Vit C powder

Thymuline 9CH Liquid

Show & Go Equine Health, Performance and Body Builder (see label under Daily Vitamins)

### **BLOOD ENHANCERS**

**Visorbin Liquid (Pfizer Animal Products): Discontinued in 2006. We have a product that we compound ourselves called Visorb-PS that resembles Visorbin.** We are a compounding pharmacy. Ever since Visorbin was discontinued, we had compounded our own "Visorb-PS" based on the original formula of Visorbin. It has a similar taste and palatability. The formula is Cyanocobalamin 8.34 mcg, pyridoxine hydrochloride 2 mg, folic acid 0.5 mg, ferrous gluconate 10 mg and sorbitol solution qs to 5 ml.

Dosage: 5 to 15 ml for dogs depending on size

1.25 ml for puppies and kittens, 2.5 ml

Consumers had been satisfied with this replacement.

**Visorb-PS: *The best replacement for the discontinued Visorbin Liquid.***

Compounded by Cloverdale Pharmasave Health Centre. Formula based on the original Visorbin liquid. Green liquid with palatable cherry flavour. Contains an absorbable form of iron supplement for horses, with vitamins to enhance blood production. Blood is required for transportation of oxygen and hence performance.

**Mega Blud** Original maximum strength formula by Sterivet. Powder form packed in daily pouches. 30 pouches per box. Oral haematinic to help maintain performance levels in horses approaching ultimate stress and an aid in the prevention and treatment of iron deficiency anaemia. Supplies essential vitamins and minerals including vitamin E to help muscle development, and zinc to meet increased requirements during growth and stress, speeding up carbon dioxide removal from cells. Also contains electrolytes.)

### **Multi-Glo**

**Hemo 15 injection** (Now called **VitaMaster Injection**)

Made by Vetoquinol who bought out the original manufacturer Sterivet.

Most effective blood enhancer injection

Hemo-15 is now called VitaMaster 100 ml. It is made by the same company (Vetoquinol). We were told that they need to do re-registration with a name change to suit new government regulations. There is a company called Univet that makes an injection called **Uniplex-15** which is exactly the same formula as Hemo-15.

### **CaCo Iron Copper Injection** together with **B-12 injection**.

Add a daily supplement of **Mega-Blud**.

**New Cell Injection** (like Hemo 15 but also with Liver Fraction)

Caco-Iron-Copper injection (for blood)

Vitamin B 12-5000 injection (for blood and general energy)

Vit B 12 powder/crumbles

Kidney & Hemo Powder (similar to the old Blood & Kidney Powder)

### **FOR “FLAT HORSES” (to “pick up” a horse, for a “lazy” horse)**

**Choose a good Blood enhancers from above section, e.g. Mega-Blud, Multi-glow.**

**Coenzyme Compositum ad us. vet:** homotoxicological preparation that stimulate the intra-cellular enzyme systems so the mitochondria of the cell turn out more energy. Good for muscle power, endurance, oxygen utilization, prevention of muscle cramps, and general health.

**Cactus Compositum ad us. vet Injection:** Homotoxicological preparation that stimulates skeletal and heart muscle functions. Efficiency of carbohydrate metabolism is improved, so energy output will be enhanced. Production of undesirable waste is decreased, and oxygen is better utilized.

### **ATP Injeel Forte injection**

This is a homeopathic medicine made by Heel GmbH in Baden-Baden Germany and imported by Heel Canada. Each injectable ampoule contains 1.1 ml of mixture of ATP D6, D10, D30 and D200.

**USAGE:** As a pre-race booster or as a weekly maintenance program for sluggish horses. It will not test because it is homeopathic. Can be used with other Performance Enhancers like Traumeel, Sportenine, Cactus Compositum, Coenzyme Compositum, Pain-B-Gone, Endurance Complex, etc.

**LABELLING:** To abide by Health Canada regulations, Heel Canada has to put a Canadian label over the original German label calling the injectables drinkable ampoules. If the Canadian label is peeled off, you can see the original German label of IM, IV, SC Injection. In fact, this preparation can be injected or given orally.

**DOSAGE:** ranges from 2 to 5 ampoules IM every time. One dose the night before and another dose 4 hours out is the usual schedule. If the IV route is used, we recommend diluting it in a 500 ml jug of AminoLean injection to be given slowly. Strict IV may cause the horse to get too high.

**PACKAGING:** 10 ampoules in a box. Sold by the box of 10 or individually.

**MECHANISM OF ACTION:** ATP stands for Adenosine Triphosphate. It is a very important intermediate link in the energy production of the cell. Energy is produced by burning fuel in the cell. This happens in the mitochondria. Carbohydrates are broken down into carbon dioxide, water, and energy through the Krebs cycle (citric acid cycle) when oxygen supply to the cell is good. Biochemically this is called “aerobic respiration”. In the middle of the Krebs cycle, ATP is converted to AMP (Adenosin-Mono-Phosphate) with the release of energy:  $ATP \rightarrow AMP + 2 \text{ phosphate radicals} + \text{energy}$ . Hence, if the muscle cells are devoid of ATP, efficient combustion cannot take place and energy production will be jeopardized. Conversely, if the cells are loaded with ATP, production of energy will be efficient.

**SUPPLY:** We can order ATP Injection from Germany once only every 4 months. In case we sold out, use the ATP 30X oral liquid instead.

### **ATP 30X Homeopathic Liquid**

### **Ginseng Injeel Forte Injection**

Ginseng powder: we sell 1 kg. top quality North American ginseng powder.

**X-tie Up paste syringe** by Finish Line. It has Vitamin B complex (B1 for calming, B 12 for vigor and blood, Niacinamide, Riboflavin and B6 for enhancing metabolism, pantothenic acid for decreasing lactic acid formation and preventing cramps.)

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details below)

**WORLD'S FIRST EQUINE SPORTS DRINK**

# GO HORSE™

**3-in-1 Equine Energy & Recovery Drink**

Formulated with Nobel Prize Discovery

**MIXES INSTANTLY & HORSES LOVE IT**

- ▶ Replace lost electrolytes
- ▶ Rapidly rehydrate tissues
- ▶ Blunt muscle cell damage (exertional rhabdomyolysis)
- ▶ Reverse muscle cell loss (exercise-induced proteolysis)
- ▶ Reduce delayed onset muscle soreness (DOMS)
- ▶ Relax, widen blood vessels to increase oxygen & nutrient flow to muscle (hemodilation)
- ▶ Inhibit inflammation
- ▶ Repair, regenerate joint tissue
- ▶ Stimulate protein (muscle) synthesis
- ▶ Reverse oxidative (free radical) cell damage
- ▶ Restock muscle and hard-to-fill liver glycogen
- ▶ Blunt toxic stress hormone cortisol
- ▶ Buffer post workout acidosis (H<sup>+</sup>)
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**SHOW & GO Equine Health, Performance & Body Builder** by Animal Naturals (see details on label under Daily Vitamins)

### **PRE-RACE INJECTIONS**

(Also read section on “Flat Horses” above.)

(Also read section on Oral Pre-race boosters below.)

**Coenzyme Compositum ad us. vet:** homotoxicological preparation that stimulate the intra-cellular enzyme systems so the mitochondria of the cell turn out more energy. Good for muscle power, endurance, oxygen utilization, prevention of muscle cramps, and general health.

**Cactus Compositum ad us. vet Injection:** Homotoxicological preparation that stimulates skeletal and heart muscle functions. Efficiency of carbohydrate metabolism is improved, so energy turn out is enhanced. Production of undesirable waste is decreased, and oxygen is better utilized.

**ATP Injeel Forte injection** (For details see above under “for flat horses”)

Adenosine Triphosphate muscle co-enzyme mixture, to be diluted in AminoLean injection given IV 2 – 4 hours out. Can also be used on a weekly basis for “flat” horses.

**Traumeel ad us. vet injection:** *To combat muscle pain and improve endurance:* 5 to 10 ml IM or SC 4 to 6 hours out. Also good for joint pains due to over-use as well as any form of injury. Helps

Shorten recovery period by promoting healing of damaged muscle cells, so the horse is ready for the next event sooner, and the horse will perform better in the next event. Good for many conditions, but particularly effective for situations in which there is breakage of blood vessels and body tissues as in various injuries, EIPH, arthritis, etc.

**Zeel ad us. vet Injection:** Similar indication as Traumeel ad us. vet injection, but more suitable if the condition is long standing, e.g. chronic arthritis.

**Cinnamomum Chord Liquid :** *For bleeding conditions.*

*For chronic/repeated problems: administer every day.*

*Also used as a pre-race prevention remedy.*

Amino Plus IV jug (Univet: amino acid, vitamins, electrolyte, and some dextrose)

**AminoLean IV jug** (Vetoquinol: similar to Amino Plus and higher quality)

**Hemo 15 Injection** (iron and B vitamins)

**New Cell Injection** (like Hemo 15 but also with Liver Fraction)

Unilyte IV jug (electrolytes)

Vitamin B12-5000injection

B-15 injection (now we substitute with Vetri-DMG liquid)

Compound 150 Injection (B vitamins for prerace)

Amino Acid Injection

Aminodex (now substituted by AminoLean) Injection

**AminoLean** (Vetoquinol) Injection

Cal-Plus IV injection (Calcium borogluconate injection)

Dextrose IV injection

Sodium Iodide Injection

Unilyte Injection

Calcium borogluconate Injection

Dextrose Injection

Normal Saline Injection

Lactate Ringer Injection

Urist (BC) Bleeder shot

Camphor injection

## **ORAL PRE-RACE BOOSTERS**

**(Also consider injections listed under Pre-race Injections above)**

**Sportenine Oral Liquid:** contains arnica for muscle pains and zinc sarolactate to combat lactic acid formation in muscles so endurance is enhanced.

## **SPORTENINE**

### **INDICATIONS:**

Prolong endurance, prevents tying up and cramps, prevents and treat minor injuries like sprains and strains, used for sport practice and competitions, enhance mating abilities, prevents muscle aches from exertion, shortens recovery time.

**BEFORE COMPETITION:** Together with a balanced diet and good electrolyte intake, SPORTENINE prepares your body for the competition.

**DURING COMPETITION:** SPORTENINE prevents and deals with lactic acid formation in muscles thus enhancing endurance and power, prevents cramps and aches.

**AFTER COMPETITION:**SPORTENINE shortens the recovery period, eliminates and prevents soreness all over, and enables the body to recover faster for another episode of exertion.

DOSAGE	BEFORE	DURING	AFTER
TABLETS	1-2 tablets Night before competition also just before	1 tablet every ½ hr. 5-6 tablets for intense competition	1 - 2 tablets once or twice after competition
LIQUID	1 - 2 ml in 500 ml. of water or put directly into mouth the night before competition + 1 hour before competition	1 -2 ml every ½ hour, or 1 - 2 ml in 500 ml to be sips throughout exercise.	1 -2 ml. once or twice after competition or directly in mouth.

To obtain maximum effectiveness, it is recommended to take SPORTENINE before, during and after the competition. Endura (a complete Electrolyte preparation with malic acid) can be taken for hydration along with SPORTENINE. Add Sportenine to the Endura solution.

**SPORTENINE DOES NOT CONTAIN DOPING OR EUPHORIA INDUCING SUBSTANCE  
NO KNOWN SIDE EFFECT. DOES NOT CAUSE ANXIETY OR DROWSINESS.  
DOES NOT TEST.**

#### INGREDIENTS

Arnica Montana 9CH

Zinc Sarcosylactate 6DH

Dextrose

Dextrose & lactose in chewable tablets, used as carrier and energy production.

13 % Alcohol in liquids used as preservative.

#### BENEFITS OF INGREDIENTS

ARNICA MONTANA: used for various types of traumas (including over-exertion.). Help tone muscles while preventing fatigue.

ZINC SARCOSYLACTATE: helps elimination of lactic acid responsible for cramps and muscles aches.

DEXTROSE: fast acting assimilating sugar for immediate energy.

LACTOSE OR SACCHAROSE: slow acting assimilating sugar, which converts to glycogen needed for continuous exertion.

#### PRESENTATION:

Tablets: box of 2 tubes containing 11 chewable tablets each. (Usually used in humans.)

Liquid: 30ml, 125ml, 250ml. (Usually used for dogs and horses for sport and breeding.)

#### **ATP Homeopathic Chord Liquid** (homeopathic ATP, not as brutal in effect as the injection):

Most valuable when the ATP injection produces too violent results or when the injection is not available. Give a daily dose for 3 days ahead, and load up the night before and the morning of the race.

**ACTH 30 X** (Homeopathic liquid form of ACTH, replacing ACTH injection) : ACTH-40 and ACTH-80 are the actual "drug" ACTH. The supply of ACTH-40 and ACTH-80 has never been stable in the past 6 or 7 years. Sometimes we cannot get it for a few months. (Right now, the injection is not available.) It was during these times that trainers began to experiment with the homeopathic forms of ACTH and found that they work just as well. My experience is it depends on the individual horse. This principle applies to all homeopathic medicine, but the chance of success has been very good, say 70%. Dosage is very flexible and you have to play with it. Most people give 5 ml once a day for about 3 days before the race, a dose the night before, then a couple of doses 2 to 4 hours out. One bottle will serve several races.

DMG (dimethylglycine, for immunity and decrease lactic acid formation during exertion)

Vetri-DMG (liquid DMG used sublingually, works just as fast as injection)

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details under Daily Vitamins section above.)

**ENDURA electrolyte complex powder:** Probably the best pre-race electrolyte. Originally made for human athletes by Metagenics, a company specializing in top quality professional grade naturopathic supplements but has been used in race horses with tremendous success.

**Endura** is the best electrolyte supplement for performance sports. It contains sodium, potassium, calcium, and magnesium that are needed to prevent cramps. It also contains chromium for regulating supply of sugars to the muscles. In addition, there is malic acid, taurine, and L-carnosine that are needed to fight fatigue. There are also vitamins and anti-oxidants for healthy muscular functions.

2 oz of powder in drinking water (or made into a paste with apple sauce) in the morning of race, another dose shortly before the race will give the horse enough electrolytes to endure the race. A dose after the race will help the horse to recover.

Endura can be mixed with other pre-race products like Sportenine.

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details under Daily Vitamins section above.)

**Equilyte Syringe** (chelated electrolyte pre-race syringe)

**X-tie Up paste syringe** by Finish Line. It has Vitamin B complex (B1 for calming, B12 for vigor and blood, Niacinamide, Riboflavin and B6 for enhancing metabolism, pantothenic acid for decreasing lactic acid formation and preventing cramps)

**Oral Aide Syringe** (Univet): Vitamins, minerals and amino acid supplement for pre-race, pre-eventing, or pre-training. One of the best replacement for pre-race IV jugs.

Half tube 2 days ahead, another half tube the day before, and a whole tube 4 hours out.

Costs about \$11/syringe only.

**Stage Fright Complex** (Homeopathic medicine for anticipation and gait shyness): Come in little pills; liquid can be custom ordered.

### **POST RACE REMEDIES (to prepare horse for the next race/event)**

**Sportenine Oral Liquid:** contains arnica for muscle pains and zinc sarolactate to combat lactic acid formation in muscles so the horse recovers faster and be more ready for the next race.

**Spasm Complex Liquid:** given orally to relieve muscle spasm from over-exertion.

**Traumeel ad us.vet Injection:** 10 ml IM or SC within the first few hours, repeat in 24 hours: helps to combat muscle pains from over-exertion, heals damaged muscle cells and capillaries from strenuous exertion, helps to recuperate faster to get ready for the next event.

***To combat muscle pain and improve endurance:*** 5 to 10 ml IM or SC

4 to 6 hours out. Also good for joint pains due to over-use as well as any form of injury. Helps shorten recovery period by promoting healing of damaged muscle cells, so the horse is ready for the next event sooner, and the horse will perform better in the next event. Good for many conditions, but particularly effective for situations in which there is breakage of blood vessels and body tissues as in various injuries, EIPH, arthritis, etc.

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details under Daily Vitamins section above.)

**Calf-lyte Injection:** replaces electrolytes, bicarbonates to neutralize lactic acid formed during race.

### **For TYING UP**

**Article by Dr. Henry Cheng**

#### **Fatigue & Muscle Cramps**

Fatigue and cramps happen when the body cannot handle the lactic acid produced in the muscles during exertion and when there is electrolyte imbalance. Lactic acid accumulates when there is inefficient combustion resulting from inadequate supply of oxygen and when the muscle is working harder than it used to be. Hence, exercise and conditioning are important in preventing cramps and enhancing performance.

A natural supplement called **DMG (Di-Methyl-Glycine, or Calcium Pagamate, or Vitamin B-15)** has been shown clinically to reduce lactic acid formation in muscles. Short term use improves performance in sports. People use DMG not only on themselves, but also in race horses, racing pigeons, fighting cocks, and show dogs. Long term use improves general immunity and vitality. Side effects are not known.

Homeopathic medicine is based on the principle of "Like heals like". Hence, homeopathic forms of lactic acid can be used to fight lactic acid formation in muscles. "**Sportenine**" contains a form of homeopathic lactic acid called Zincum Sarolacticum as well as Arnica Montana, and is very effective for both prevention and treatment of fatigue and cramps. It is taken before, during and after exercise to prevent soreness, increase endurance, enhance performance, and reduce recovery time. People usually use the chewable tablets while the liquid is used in dogs, birds and horses.

During an attack of muscle cramps, a couple of sprays of "**Spasm Complex**" under the tongue and repeated every 15 minutes for three times usually brings relief. This is used for all sorts of spastic conditions including "Charlie Horse". Contrary to chemical drugs like Robaxin and Quinine, homeopathic medicines do not have any side effect.

We all know that a good calcium supplement works in preventing night cramps. But magnesium is also implicated for absorption and balance. A product called **Bio-Mag** contains homeopathic forms of magnesium and is found to be fairly effective in preventing fatigue from exertion and night cramps. Sodium and potassium balance is also important. That is why Marathon runners need to take salt as they run, and patients on most (not all) diuretics need to take a potassium supplement. **Endura** is the best electrolyte supplement for performance sports. It contains sodium, potassium, calcium, and magnesium that are needed to prevent cramps. It also contains chromium for regulating supply of sugars to the muscles. In additions, there is malic acid, taurine, and L-carnosine that are needed to fight fatigue. There are vitamins and anti-oxidants for healthy muscular functions.

The "Lactic Acid Connection" is implicated not only in "Charlie Horse" and sports medicine, but also in Chronic Fatigue Syndrome and Fibromyalgia. Hence any remedy that fights cramps also benefits Chronic Fatigue and Fibromyalgia. As an adjunct therapy, a supplement cleverly named "**From Fatigue to Fantastic**" which contains malic acid and stress vitamins has produced excellent results when used together with DMG, Sportenine and Bio-Mag.

*Dr. Henry Cheng is a medical graduate of the University of London, England, and is now Natural Health Product Consultant at Cloverdale Pharmsave Health Centre.*

*Published in Cloverdale Reporter June 2007*

### **PRODUCTS for tying up:**

**Sportenine liquid** (homeopathic mixture that prevents muscle sore and decrease lactic acid production during exertion)

**Spasm complex liquid** (homeopathic mixture that treats and prevents muscle spasm)

**X-tie Up paste syringe** by Finish Line. It has Vitamin B complex (B1 for calming, B 12 for vigor and blood, Niacinamide, Riboflavin and B6 for enhancing metabolism, pantothenic acid for decreasing lactic acid formation)

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details under Daily Vitamins section above.)

**APF** (adaptogen; herabl extract of Eleutherococcus senticosis, Schizandra chinensis, Rhodiola rosea, Echinopanax elatus)

Various E & Selenium preparations (see above)

Potassium Chloride powder

Various electrolyte preparations

Mag Vet: oral magnesium supplement.

### **Magnesium Sulfate injection**

DMG: decrease lactic acid formation hence cutting down risk of tying up. Also used daily to booter immunity.

**Coenzyme Compositum ad us. vet:** homotoxicological preparation that stimulate the intra-cellular enzyme systems so the mitochondria of the cell turn out more energy. Good for muscle power, endurance, oxygen utilization, prevention of muscle cramps, and general health.

**Cactus Compositum ad us. vet Injection:** Homotoxicological preparation that stimulates skeletal and heart muscle functions. Efficiency of carbohydrate metabolism is improved, so energy turn out is enhanced. Production of undesirable waste is decreased, and oxygen is better utilized.

**ATP Injeel Forte injection** (actual Adenosine Triphosphate muscle co-enzyme mixture, to be diluted in AminoAcid injection given IV 2 – 4 hours out. Can also be used on a weekly basis for "flat" horses.) Use the ATP 30X oral liquid at times when ATP injection is not

available.

**Traumeel ad us. vet injection:** *To combat muscle pain and improve endurance:* 5 to 10 ml IM or SC 4 to 6 hours out. Also good for joint pains due to over-use as well as any form of injury. Helps Shorten recovery period by promoting healing of damaged muscle cells, so the horse is ready for the next event sooner, and the horse will perform better in the next event. Good for many conditions, but particularly effective for situations in which there is breakage of blood vessels and body tissues as in various injuries, EIPH, arthritis, etc.

**Zeel ad us. vet Injection:** Similar indication as Traumeel ad us. vet injection, but more suitable if the condition is long standing, e.g. chronic arthritis.

**Go Horse 3 in 1 Equine Sports Drink** (see label details under Daily Vitamins)

**For BLEEDERS (EIPH, i.e. Exercise Induced Pulmonary Haemorrhage, horses that cough out blood or bleed through the nose during a race)**

**BC Bleeders Shot injection** (see Dr. Urist's Bleeder Shot, pre-race):

*This product has been taken off the OTC market as of May 2007. Please consider replacing it with Homotoxicological programs using Traumeel ad us. vet Injection together with Mucosal Compositum Injection and homeopathic Cinnamomum Chord Liquid. We have protocols that have been used for over 10 years with tremendous success. When you purchase these products from us, please ask for these protocols.*

*Note: For the products listed below detailed dosages and directions will be given when we sell the product. We have protocols for acute or pre-race, and protocols for chronic repeated bleeding.*

**Cinnamomum Chord Liquid :** *For bleeding conditions.*

*For chronic/repeated problems: administer every day.*

*Also used as a pre-race prevention remedy.*

**Mucosa Compositum Injection** (Heel Canada homotoxicological preparation for long term healing of the respiratory tract lining. When the mucosal lining is strengthened, the horse is less likely to bleed.) Has to be used for a period before the respiratory mucosa can be improved.

**Traumeel ad us vet Injection and liquid** (Heel Canada homotoxicological preparation):

*To combat muscle pain and improve endurance:* 5 to 10 ml IM or SC 4 to 6 hours out. Also good for joint pains due to over-use as well as any form of injury. Helps shorten recovery period by promoting healing of damaged muscle cells, so the horse is ready for the next event sooner, and the horse will perform better in the next event. Good for many conditions, but particularly effective for situations in which there is breakage of blood vessels and body tissues as in various injuries, bleeding (EIPH), arthritis, etc.

**Bleeder Mix:** made by Herbs for Horses, and contains herbals including bioflavonoids, ginkgo biloba, hawthorn, horse chestnut, rosemary, soy oil and yarrow. You can phone 1-888-423-7777 for manufacturer's viewpoint on this product. This is the product to replace the ever popular "Race Today", which is now no longer made.

Xantex has been discontinued, now substituted by Bleeder Complex (see below)

**Bleeder Complex** (homeopathic mixture formula based on Xantex, pre-race and maintenance)

**Breeth-X Liquid** (homeopathic complex with same formula as Xantex: Cinnamonium, Aminophylline, Atropinum, Apis Mel both for bleeders and breathing)

**Arnica 9CH (homeopathic single remedy, pre-race):** prevents EIPH.

**Apis Homaccord** (homotoxicological preparation that works in line with Lasix in getting rid of excess fluid): Homeopathic medicine used as a diuretic. Very useful for swellings due to injuries, stocking up due to immobility, heart failure (left ventricular failure), etc. We've had reports of success for bleeders in lieu of lasix. Cost about \$25 for 125 ml, about \$35 for 250 ml of the oral liquid, which has to be custom ordered. Each dose is 5 ml. Also comes as injections: costs about \$30 for 10 ampoules. Injection works better, especially when you give more than one ampoule per dose. Again, dosage and schedule is flexible. Most people give a dose daily for a few days, then a dose the night before, then a couple of doses as close to the race as possible. Homeopathic medicine should not test. Vitamin C injection.

Various calming agents helps lower blood pressure (see “for Nerves” below) will help bleeders.

**Kidney & Hemo Powder** (similar to the old **Blood & Kidney powder**): Both products had been discontinued. Suggest substitute with equal parts of potassium nitrate (salt petre), sodium bicarbonate and flour of sulfur that we can provide. Dosage is 1 – 2 oz once or twice a day. Used as a diuretic, for lymphangitis and azotua. For reference, the formula of Blood & Kidney powder was: Arsenic Trioxide 0.73%, Potassium acid tartrate 0.98%, Potassium Iodide 0.1 %, Potassium nitrate 29.25%, Sodium bicarbonate 39%, Sublimed sulfur 29.25%.

**Magnesium Sulfate Injection**

**Potassium Chloride powder**

**Clotol** has been discontinued. But we can compound n-butyl alcohol injection that is similar)

**YunNanPaiYao** (Traditional Chinese medicine, available both in capsule or in powder forms, works like homeopathic Arnica Montana in preventing bleeding and accelerating healing of musculo-skeletal injuries and stresses. Sometimes works when all else fails)

**Sodium Edecrin**

Prices went up sky high in Oct 2007

This is on prescription, so we need you to produce a prescription from a Canadian vet and pre-pay on a no refund basis before we can custom order the product in. Injection is over \$135 a bottle. Tablets are over \$50 / 100 tablets.

**For BREATHING**

Sputolysin (dembrexine) powder: loosen up secretion in the lungs

**Equipulmin** (the Respiractin for horses, herbal liquid bronchodilator that works like Ventipulmin, but weaker)

**Mucosa Compositum ad us. vet Mucosa Compositum Injection** (Heel Canada homotoxicological preparation for long term healing of the respiratory tract lining. When the mucosal lining is strengthened, the horse is less likely to bleed.) Has to be used daily for a period before the respiratory mucosa can be improved.

**Tartephedreel liquid** (one of the most effective homeopathic remedies for bronchial spasm)

**Mucomyst (Parvolex)** (Acetylcysteine, for inhalation)

Air Power Liquid (Finish Line, herbal bronchodilator)

Antihistamine Powder (mixture of pyrilamine maleate and Ephedrine hydrochloride by 3Vetoquinol)  
 (\*\*\*)This is a chemical preparation that will test!!!)

Pulmonex (Basic Nutrition: grape seed extract, beta-hydroxy-beta methylbutyrate HMB, Bioflavonoids,  
 Vit. C, bee pollen)

Breathe with/without garlic (Herbs for Horses)

Sodium Iodide Injection

Camphor Injection

### **For NERVES**

**HomeoCalm** (homeopathic mixture, good calmer for any type and any condition)

**Stage Fright Complex** (Homeopathic medicine for anticipation and gait shyness): Come in pellets;  
 Liquid can be custom ordered.

**Quietex** has been discontinued in Canada. We have **Quiet-X** that has the same formula but in liquid form.

**PS CALM:** Homeopathic formula based on Quietex but without Valerian which might test, and with  
 Added Aconite, Gelsemium, Cuprum Met. Great for gate shyness and anticipation anxiety.

**ABCD Complex** (similar to the old **Dr. Bell's Wonder Drops**, homeopathic, for shipping, colic,  
 nerves, and GI): This is the exact copy of the old "Dr. Bell's Wonder Drops", which  
 was extremely popular for horse and farm animals: for colic, shipping fever, agitation, etc. Contains  
 Aconite, Belladonna, Columbrina, Digitalis in homeopathic (not chemical or allopathic) forms.  
 Cost about \$25 for 30 ml. Each dose for a horse is 3 to 5 ml.

**Cloverdale Nerve Complex:** for GI problems resulting from stress

**Henry's GI mix:** for GI and other psychosomatic problems resulting from **exhaustion &  
 over-exertion**; Good for prevention and treatment of stress ulcers.

**Peripheral Nerve Complex:** for pains in peripheral nerves e.g. sciatica.

**X-tie Up paste syringe** by Finish Line. It has Vitamin B complex (B1 for calming, B 12 for vigor and  
 blood, Niacinamide, Riboflavin and B6 for enhancing metabolism, pantothenic acid for decreasing lactic  
 acid formation)

**Rescue Remedy** (Bach Flower homeopathic general calmer)

**Bach Flower Remedies:** A special type of "homeopathic" medicine invented by Dr. Edward Bach in  
 England. Each remedy addresses one particular trait of the mental condition. A few remedies  
 can be used at the same time. Bach Flower remedies are used when specific psychological  
 problems can be identified. Examples: fear can be due to lack of confidence, agitation can be  
 due to jealousy when a new horse is introduced, anxiety can be due to movement into a new  
 home, etc. In these cases, specific Bach Flower remedies can be picked to treat the particular  
 mental state.

**Thiamine Hydrochloride powder (Vit B1, pure)**

**Vitamin B1 crumbles**

**L-Tryptophan:** see Trypto-B below.

**Tryptophan:** see Trypto-B below.

**Trypto-B (L-tryptophan and Vitamin B1 mixture, pure, 1:1 ratio)**

Legally we cannot sell L-tryptophan as a 100% pure product. But we sell L-tryptophan as  
 "Trypto-B" which is a 1:1 mixture of L-tryptophan and Thiamine hydrochloride. Both Tryptophan and

Thiamine are calming agents and they work synergistically. We feel that Trypto-B works even better than pure L-tryptophan. Dosage: 1 to 3 teaspoonfuls per dose depending on the horse. 2007 Prices are: 50 G : 35.99, 100 G: 69.99, 500 G: 349.99, 1 kg: 679.99 FOR AN EVENT (a show, or a race) : Load up for 3 days with 3 teaspoonful a day before the event. Give another 3 tsp as close to the event as possible. FOR EVERY DAY USE FOR A HORSE THAT TENDS TO BE AGITATED: Usually 1 tsp a day should produce good results. LEGALITY OF USE: THEORETICALLY, you are not supposed to "drug" your horse with ANYTHING, even an electrolyte or sweet energy drink. Being a physical substance, both Tryptophan and Thiamine are liable to be tested. Please check with the authority of your discipline for list of items tested. Do not worry if your horse is not in a competition.

**Note: if testing is a concern, please consider using homeopathic medicines listed above. Homeopathic medicine will NEVER test.**

**At Ease** paste syringe

**Less Stress** paste syringe

**Mag Vet** (Magnesium oxide supplement) for nerves and for tying up.

**Serenity** with and without Valerian (Herbs for Horses herbal. Valerian might test +ve)

**Atravet** or **Acevet** (chemical tranquilizers powder, pills or injection: Will test +ve)

**Fiesty Mare** (for mares in heat or having PMS)

## **For PAIN /ARTHRITIS/MUSCULO-SKELETAL INJURIES**

### **OVERVIEW:**

Natural products for pain and arthritis can be classified into 3 groups.

1. Raw materials for healing and joint lubrications: these are the glucosamines, MSM, anti-oxidants.
2. Herbs that have pain killing and anti-inflammatory effects
3. Homeopathic medicines that can be looked at as catalysts that will shorten the process of healing.

These 3 groups of products can be used alone or in combination. Some proprietary products Contains mixtures of group 1 and group 2.

### **Glucosamine group of products (raw materials for healing):**

**Glucosamine injection (Acetyl Glucosamine injection): 10 – 20 ml weekly.**

**Recovery EQ** (BioMedica: proprietary blend of glucosamine, MSM, and patented antioxidants, probably the best glucosamine mixture on the market)

**Recovery EQ with HA** (Recovery EQ with added hyaluronic acid, effective joint fluid producer)

Renewal (BioMedica: Glucosamine, MSM, DMG, etc)

Glucosamine Plus (Science Pure: glucosamine, MSM, Vit C, etc.)

Regenerex (Basic Nutrition: glucosamine, MSM, magnesium, boswelia)

Glucosamine, pure

**Cosequin** powder (formerly Cose-Equine) (chondroitin)

MSM, pure

CT Support (Science Pure)

Performance One (Science Pure)

**Next Level** (liquid containing glucosamine, shark cartilage chondroitin, Green lipped mussel, Ester C, MSM)

**CortaFex with HA** (hyaluronic acid in addition to glucosamine, MSM, chondroitin)

Hyalun: Concentrated version of hyaluronic acid. 180 ml of 2.5 mg/ml (3 months supply), 30 ml of 5 mg/ml (1 month supply)

Fluid Action (Finish Line: glucosamine, MSM, Yucca)

Fluid Flex (fluid with glucosamine, chondroitin, yucca, zinc, etc.)

Biomax HA (Basic Nutrition): hyaluronic acid in addition to glucosamine, chondroitin, boswelvia, Magnesium, Zinc, vitamins C,E and alpha lipoic acid.

Chondroflex: chondroitin, glucosamine, MSM, Vit C, Magnesium.

### **Herbal pain killers/anti-inflammatory agents:**

**Lakota Equine Joint Care Formula** (powder mixture of North American, Chinese, Ayurvedic herbs and glucosamine)

Flex-Again (Herbal mixture, some herbs may test +ve)

Extra-strength Herbaspirin (Herbal mixture, some herbs may test +ve)

Nasprin (Herbal mixture, some herbs may test +ve)

Mobility (Herbal mixture from Herbs for Horses)

Synovicare (Herbs for Horses)

SoluFlex liquid (Herbs for horses)

BL Solution (Yucca, Devil's Claw, B12, some ingredients may test positive)

### **Homeopathic Pain-killers, Homeopathic medicine for joints, muscles, ligaments, etc:**

**Pain B Gone Liquid** (homeopathic mixture)

**Traumeel ad us. vet Injection** (Traumeel for horses) (Please read preceding sections for details.)

**Zeel ad us. vet Injection** (Zeel Compositum for horses) (Please read preceding sections for details.)

Arnica Complex (mixture of arnica and other homeopathic single remedies for injury)

Arnica 6 CH or 30 CH or 200 CH or 1MK (Single homeopathic remedy for different forms of injury)

Ruta Graveolens 30 CH, or 200 CH, or 1MK (Single homeopathic remedy for ligament and tendons)

Symphytum 30 CH, or 200 CH, or 1 MK (Single homeopathic remedy for bone or periosteum injuries)

Belladonna Homaccord ad us. vet (homotoxicological injection for inflammation and infection)

DYNE Complex (homeopathic mixture for rheumatism and long standing arthritis)

Peripheral Nerve Complex: homeopathic mixture for pains in nerves, e.g. sciatica

Cloverdale Nerve Complex: homeopathic mixture for psychosomatic pains.

HomeoArtril

### **Others:**

**Go Horse 3-in-1 Equine Energy & Recovery Drink** by Animal Naturals (see product label for details under Daily Vitamins section above.)

**SHOW & GO Equine Health, Performance & Body Builder** by Animal Naturals (see product label for details under Daily Vitamins section above.)

ThermoFlow leg wraps: (ceramic fibres in the wraps reflect infra red back into the tissues of the legs, increasing circulation and prompting healing, hand washable)

Equi-block topical application.

Dynamint liniment

Chapman's liniment

Absorbine Horse liniment ("Absorbine senior")

Other traditional liniments, braces, tighteners

**For NAVICULAR/FOUNDER/LAMINITIS**

Navicular Relief (Herbs for Horses: herbal preparation to control pain in navicular disease)

Custom designed homeopathic programs (book consultation with us)

Contracted Tendon Complex

Navicular Quad

**For ULCERS**

**Henry's GI Mix** (homeopathic, geared for GI problems from stress, over-exertion & exhaustion)

**Ration Plus** (probiotic, serve as adjunct therapy, good for prevention)

Stoma-coat (Univet): antacid and sticky coating for stomach

Milk of Magnesia: antacid

**U-7** (Finish Line: deglycyrrhizinated licorice root extract, amino acids, minerals): herbal mixture that promotes healing by enhancing Globet cell activity and increasing mucus in the mucus membranes.

Ulcer Therapy Plus (Herbs for horses) Liquid (Chamomile, marshmallow, slippery elm, licorice, meadowsweet, bioflavenoids)

Ulcerex powder (Basic) (chamomile, marshmallow, slippery elm, licorice, meadowsweet, bearberry, comfrey root)

Acidum nitricum Injeel for acute and persistent ulceration.

Nux Vomica complex

Cloverdale Nerve Complex: homeopathic mixture for GI problems due to nerves

**For COLIC**

**Dr. Bell's Wonder Drops** (see ABCD Complex below)

**ABCD Complex** (the old Dr. Bell's Wonder Drops): [The original Dr. Bell's Wonder Drops had been discontinued in the 90's by the manufacturer for no given reason. What we sell these days is a mixture we ask our laboratory to make for us, with a formula based on the original Dr. Bell's. You can look at our version as the "generic Dr. Bell's". We call it "ABCD Complex". Dr. Bell's Wonder Drops is an old folklore medicine, never scientifically proven, but seems to be effective for colic, shipping fever, agitation, and stress. Being homeopathic, it does not produce any side effect. People who look for it knows exactly what it is and how to use it. Costs about \\$30 \(Cdn.\) for 30 ml. \(about 1/3 of the cost of the original\). Each dose is 3 - 5 ml. directly into the mouth. Contains homeopathic Aconite, Belladonna, Columbrina, Digitalis in homeopathic \(not chemical or allopathic\) forms, hence does not call for a prescription.](#)

**Spasm Complex** (homeopathic mixture)

**Ration Plus** (For long term management of repeated colic or tendency to colic)

The probiotic of choice according to Michael Plumb, elected Horse Product of the Year by The Horse Journal, does not contain live organisms so the horse does not have to deal with the immigration of foreign organisms. Effective for weight gain and for hard keepers because it enhances digestion, absorption and assimilation of the fee. Also for frequent colics and other digestive disorders, good adjunct to antibiotic and dewormers. Cost less than a dollar a day).

**Nux Vomica Complex**

**For WEIGHT GAIN (MUSCLES)**

**Ration Plus** (Probiotic preparation voted as #1 by Michael Plumb's Horse Nutritional Journal, does not have the live organisms so horse does not have to deal with import of immigrant bacteria, Best replacement for anabolic steroids)

Fat Cat

### **For ALLERGIES**

Apis Mellifica Complex (homeopathic mixture: good for noxium fly bites, sweet itch, allergic skin and lungs, etc)

Antihistamine Powder (mixture of pyrilamine maleate and Ephedrine hydrochloride by Vetoquinol)  
(This is a chemical preparation that will test!!!)

Antihistamine Injection (same formula)

B.C. Barrier (formerly called Bug Check) (vitamin B1, brewer's yeast, diatomaceous earth, anti-oxidants)(strengthen skin resistance, cut down swelling and itch from bites, control fly and other insect population, indicated in sweet itch and nosium fly bites.)

### **For CUSHING'S**

Chase Tree Berries (balances hormones)

Custom designed homeopathic programs (Book consultation with us)

### **For HOOVES**

Farrier's Choice

Leaps & Bounds (concentrated biotin, methionine, and vitamin powder)

Hoofmaker (Herbs for Horses)

Hoofefex (Basic Nutrition biotin with MSM, lysine)

Any supplement for skin also good for hooves.

Sole Food (topical application for the sole, even for the frog)

### **HOOVE FREEZES**

Sole-eeze

Xylocaine 5% Ointment

Xylocaine 2% Gel

### **FOR SKIN**

(Any supplement for hooves also benefit skin.)

**SHOW & GO Equine Health, Performance & Body Builder** by Animal Naturals (see product label for details under Daily Vitamins section above.)

Mirracoat Powder

Fish Oil

Wheat Germ Oil (WGO)

HomeoSeril: homeopathic mixture for wet and oozing skin conditions

HomeoPruril: homeopathic mixture for dry eczema and itch

HomeoWart: homeopathic internal remedy for wart, especially valuable for those in sensitive areas

### **FOR MARES**

Fiesty Mare

Hormeel (Heel) (Homeotoxicological complex that stimulate the body to balance hormones.)

Moody Mare

Ginseng Homaccord (Heel) (Stimulate immunity and vitality)

Ginseng Powder

Mare Plus (Vitamin mix for mares in foal)

Chaste Tree Berries: herbal, acts like progestrogens. For PMS, for balancing hormones, for mellowing personality in a mare.

Incidentally also used for Cushing's Disease.

Dr. Reed's #2 pellets (Vitamin mineral mixture for mare in foal, mother and foal, reduce musculoskeletal problems)

PMS Complex (homeopathic mixture for PMS)

HomeoHeat: homeopathic mixture to induce heat

HomeoWeane: homeopathic mixture that helps to dry up mother's milk

HomeoLac: homeopathic mixture to let milk down in mother

HomeoEstril: to put down female hypersexuality, nymphomania

Hormeel: Homeopathic mixture to balance female hormones.

APF (Advance Protection Formula: herbal extract of astragulas, balances immunity)

Thymuline 9 CH liquid: homeopathic medicine for balancing immunity.

### **FOR STALLIONS**

**FOR ENHANCING MALE VITALITY:**

Stallion Mix (Herbs for Horses): Enhance male vitality and performance.

Ginseng powder for horses (bulk crude package): Wisconsin ginseng powder/granules

Mega-Blud vitamin mixture (Vetoquinol/Sterivet): 1 package a day blood and vitality enhancer

Hemo-15 Injection (Vetoquinol/Sterivet): iron and vitamin injection: enhance vitality and performance.

Ginseng Homaccord (Heel) (Stimulate immunity and vitality)

Hormeel (Heel) (Stimulate the body to balance the hormonal system)

APF (Advance Protection Formula: herbal extract of astragulas, balances immunity)

Thymuline 9 CH liquid: homeopathic medicine for balancing immunity.

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**FOR SUPPRESSING MALE VITALITY AS IN GENDINGS & STALLIONS BOTHERING MARES:**

HomeoExil: homeopathic mixture to suppress male hypersexuality, suppress stallion urge in geldings, pacify stallions in a herd, calm stallions and geldings in training.

Hormeel: Homeopathic mixture to balance hormones.

Chaste Tree Berries: herbal, acts like progestrogens. Balance hormones. Mellow personalities.

HomeoCalm: generally calms

MagVet: calming by magnesium action.

Atravet/ AceVet: chemical tranquilizers.

**FOR WOUND HEALING****TOPICAL PREPARATIONS:**

Cothivet solution/spray (Vetoquinol all natural and herbal: 89.5% hydrocotyle tincture, also contains horse Chestnut tincture, rosemary oil, cypress oil, thyme oil, lavender oil, fenugreek tincture, carlina tincture. Had produced amazing results. Many testimonials)

Rescue Cream

Schreiner Herbal Solution (promotes healing and prevents proud flesh: contains aloe vera, golden seal, Comfrey, myrrh, cayenne, elder extracts)

Calendula Complex Cream (Doliso Vet Cream: contains calendula, belladonna, apis mellifica, and phytolacca)

Double Heart Equine Salve: herbal ointment for healing and wound protection.

Calendula mother tincture: to be diluted about 1 in 10 in sterile water for wound cleaning and dressing.

**INTERNAL REMEDIES:**

Arnica Complex: Homeopathic mixture that has arnica and calendula as well as other remedies for promotion of healing.

Calendula 30 CH: homeopathic remedy that promotes closure of wounds.

Ledum 30 CH: homeopathic remedy that is specific for puncture wounds. Prevents tetanus.

**FOR FUNGAL AND BACTERIAL INFECTIONS**

Hibitane Ointment: contains chlorhexidine which is anti-bacterial and anti-fungal.

Microban gel, spray, shampoo (contains biodegradable anti-septic that had been used by NASA in decontaminating astronauts)

Imaverol solution/spray/shampoo: most effective anti-fungal topical agent for horses (this is a chemical)

HomeoPanaril-F

HomeoPanaril-O

HomeoSeptil

HomeoMamil

Echinacea Plus

**FOR FLU**

HomeoFlu

Thymuline 9Ch

Echinacea Plus

**FOR URINATION**

Lasix injection

Kidney & Hemo Powder (Blood & kidney powder)

Urinary Complex: for cystitis, urinary infections, bladder stones, sand in urine, cloudy urine

Uva Ursi and Buccha leaf Tincture: herbal diuretic.

**FOR TRAVEL/TRANSPORTATION**

**HomeoVia:** homeopathic mixture that helps motion sickness and sedation

**ABCD Complex** (similar to the old Dr. Bell's Wonder Drops): shipping fever, calming, colic

**HomeoCalm:** homeopathic mixture that does general calming

**Trypto-B:** 1 -2 teaspoonful 2 hours before journey.

Thiamine Hydrochloride powder: Pure pharmaceutical grade Vitamin B1 used for calming horses.  
 Thiamine Injection (custom order only because now getting expensive)

## **We also carry:**

Complete line of **homeopathic** single and complex remedies from BoironDolisos & HomeoCan  
 (see below)

Complete line of veterinary **homotoxicological** preparations from Heel Canada. (see below)

Complete line of **Bach Flower Remedies** (for mental and psychological problems) (see below)

**Custom compound** veterinary drugs, vitamins, herbal mixtures, homeopathic mixtures.  
 (ask our pharmacists)

## **HOMEOPATHIC MIXTURES COMMONLY USED IN HORSES**

*(The same mixture can be used on people and other animals)*

ABCD Complex (similar to the old Dr. Bell's Wonder Drops): for shipping fever, colic, calming

Stodal Cough syrup

Broncocin Cough syrup

Tartephedreel Drops: asthma, bronchial coughs, allergic coughs

Thymuline 9 CH – Weekly dose to balance or booster immunity, used in allergies and infections

Apis Mellifica Complex: for allergies, insect bites, skin itch

Arnica Complex: For injuries

Arnica Mother Tincture: Liniment for injuries, not for open wounds

Homeoartril: for joint pain

HomeoCalm: tranquilizer, gate shyness, stage fright

HomeoDiaril: for diarrhea

HomeoEnteril: for gastro-enteritis

HomeoFlu: for equine flu symptoms

HomeoHeat: for inducing heat in female animals

HomeoHelmil: for worms

HomeoLac: for letting milk down

HomeoMamil: for mastitis

HomeoPanaril-F: for closed abscess, for developing abscess, for inflammation due to infection

HomeoPanaril-O: for opened abscess, to expel pus out

HomeoSeryl: for wet skin conditions, oozing eczema, oozing skin itch

HomeoPulmil: for cough, for lung conditions

HomeoSeptil: for sepsis, infections

HomeoVia: for traveling, motion sickness, shipping fever

HomeoEstril: suppress female hypersexuality, nymphomania, suppress heat

HomeoExil: suppress male hypersexuality, suppress stallion instinct in geldings

HomeoHeat: Induce heat, induce ovulation

HomeoWart: see Wart Mix

HomeoWeane: to dry up milk secretion in mares or mother animal



Cocculus indicus: Travel sickness.

**Colocynthis:** colic, sciatica, cramps.

**Columbrina (= Nux Vomica):** Key remedy for GI problems. Food poisoning.  
Moderation of strong personalities.

**Cuprum metallicum:** for muscle cramps from exertions or injuries. Colics

**Drosera:** spasmodic coughs

**Dulcamara:** respiratory, joint, or digestive illnesses after exposure to wet cold, e.g. after caught in rain storm. Warts.

Eupatorium: Influenza. Horse likes to drink cold water.

**Euphrasia:** key remedy for the eye. Any eye condition. Allergic conjunctivitis. Allergies.

Ferrum Phos: low grade fever with cough and possibly ear infection

**Gelsemium:** Anticipatory anxiety and fear with trembling weakness in legs. Gate shyness.  
Nervous diarrhea.

Glonoinum

**Hepa sulph:** pus formation, abscess. Low potencies encourage formation of pus. High potencies stop or dry up pus.

**Hypericum perforatum:** Any nerve pains. Nerve injuries. For wounds.

Ignatia

Ipeca

Iris versicolor

Kali Bichromium

**Ledum palustre:** puncture wounds. Prevents tetanus. After suturing.

Lycopodium

Mag Phos

Mercurius Solubilis

Metallicum Album (Arsenicum Album)

Nux Vomica

Phosphorus

Phytolacca

Podophyllum

Pulsatilla

Rhus Tox

Rumex crispus

Ruta Graveolens

**Silicea**

Spigelia

Sulfur

Spongia tosta

Staphysagria

Symphytum

Veratrum Album

**List of veterinary homotoxicological preparations from Heel Canada**

**To be updated**

**List of Bach Flower Remedies (for mental and psychological problems)**

**To be updated**

**Custom compound veterinary drugs, vitamins, herbal mixtures, homeopathic mixtures.**

**To be updated**