

**CENTRAL SALES**

# **EQUINE PRODUCT CATALOGUE 2023**



*Serving the Veterinary Community Since 1953*

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[www.centralsales.ca](http://www.centralsales.ca)

(F) 1-888-437-9999



For nearly seven decades, Central Sales has been serving Companion Animal and Large Animal Veterinarians in Canada. As a pioneer, we have been able to achieve the highest standards in operational excellence and customer satisfaction.

At our core, we are a dynamic company focused on providing value, an innovative product suite and superior service to our customers. Despite all the changes, we remain a family-owned company now three generations strong.



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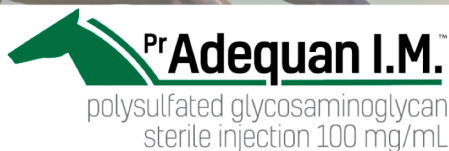
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The only approved equine PSGAG that actually treats the disease and not just the clinical signs of DJD.<sup>1,2</sup>

Adequan® I.M. (polysulfated glycosaminoglycan - PSGAG ) not only reaches joints quickly, but also helps to protect and renew joint mobility. For over 30 years (includes U.S. approval), it's still the only approved equine intramuscular treatment for non-infectious degenerative joint disease (DJD) of the carpal and hock joints proven to:<sup>3</sup>

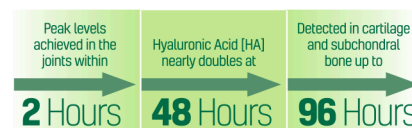
- **Reduce** inflammation
- **Restore** synovial joint lubrication
- **Repair** joint cartilage
- **Reverse** the disease process

**INDICATIONS** Adequan® I.M. is recommended for the treatment of non-infectious degenerative and/or traumatic joint dysfunction and associated lameness in horses. **IMPORTANT SAFETY INFORMATION**

Adequan® I.M. is for veterinary use only. The prescribing information contains complete use information which includes dosing, contraindications, warnings and cautions. Always read, understand and follow label and use directions. **PLEASE CONSULT** the full Prescribing Information printed on the reverse side of this document or visit [adequanim.arah.ca](http://adequanim.arah.ca)

## Quickly reaches a horse's joints to deliver relief.<sup>4</sup>

After intramuscular administration, Adequan® I.M. (polysulfated glycosaminoglycan) is well absorbed, goes to work fast and keeps working for up to 96 hours.



Hyaluronic Acid (HA) levels nearly doubled at 48 hours with significant increases noted from 24 up to 96 hours.  
Clinical significance of the above results is unknown.



- Kim DY, Taylor HW, Moore RM, Paulsen DB, Cho DY. Articular chondrocyte apoptosis in equine osteoarthritis. The Veterinary Journal 2003; 166: 52-57.
- McIlwraith CW, Frisbie DD, Kawcak CE, van Weeren PR. Joint Disease in the Horse. St. Louis, MO: Elsevier, 2016; 33-48.
- Adequan® I.M. (polysulfated glycosaminoglycan sterile injection 100 mg/mL), Package Insert IN99501C. American Regent, Inc.
- 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.

CSL Code	CDMV	VP	AVP	WDDC	DESCRIPTION
601-99537	127466	1400154	1090052	140304	Adequan I.M. - 7 (5 mL) vials per box

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## First of its kind. Still one of a kind.

For over 30 years, Adequan® I.M. (polysulfated glycosaminoglycan) is still the only approved equine intramuscular PSGAG joint treatment available. And still the only one proven to:<sup>1, 2</sup>

**Reduce** inflammation  
**Restore** synovial joint lubrication  
**Repair** joint cartilage  
**Reverse** the disease cycle

Adequan® I.M. actually treats degenerative joint disease, and not just the signs.

Ask your veterinarian if Adequan® I.M. is the right choice for your horse.

Learn more at [adequanim.arah.ca](http://adequanim.arah.ca) or contact your Canadian distributor:

Central Sales Limited at 1-800-387-2522 or [customerservice@centralsales.ca](mailto:customerservice@centralsales.ca)

**Start** with it. **Stay** with it.™



**Pr Adequan I.M.™**  
 polysulfated glycosaminoglycan  
 sterile injection 100 mg/mL

**INDICATIONS** Adequan® I.M. is recommended for the treatment of non-infectious degenerative and/or traumatic joint dysfunction and associated lameness in horses. **IMPORTANT SAFETY INFORMATION** For veterinary use only, do not use Adequan® I.M. in horses demonstrating hypersensitivity to PSGAG. This drug is not to be administered to horses that are to be slaughtered for use in food. Keep out of the reach of children. There are no known adverse reactions associated with the use of Adequan® I.M. Not intended for use in breeding animals as effects on fertility and reproductive function in mares and stallions have not been studied. The Adequan® I.M. prescribing information contains complete use, cautions and dosing information. Always read, understand and follow label and use directions. **PLEASE CONSULT** the full Prescribing Information available at [adequanim.arah.ca](http://adequanim.arah.ca) or request by calling 1-888-354-4857.

1. Adequan® I.M. Prescribing Information, Rev 03/2021

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.

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PP-AI-CA-0002 (v2.0) 08/2021



AVAILABLE IN CANADA

**Vetericyn<sup>VF</sup>**  
+plus

SUPERIOR PERFORMANCE. BETTER OUTCOMES.

# THE NEW STANDARD OF CARE

Vetericyn Plus<sup>®</sup> VF is a next-generation wound and skin care solution designed to improve all phases of wound healing. This pH-balanced solution is used for cleansing, irrigating, debriding, and moisturizing wounds, which sets the stage for optimum healing conditions. Vetericyn Plus VF is as safe as it is effective.

## THE VETERICYN PLUS<sup>®</sup> VF DIFFERENCE

Optimal concentration of HOCl to jumpstart healing

In solution, microbial inhibition effectiveness of 99.99999% against a broad range of micro-organisms within 15 seconds

Non-cytotoxic - will not harm healthy tissue

No ocular irritation, no oral toxicity

Free of antibiotics, steroids, alcohol, iodine, tea tree oil, and household bleach

Trusted and used in over 30 countries

Manufactured in an FDA-registered facility

Approved in Canada as a low risk

Veterinary Healthcare Product (VHP)

CSL	VP	DESCRIPTION
257-01115	1403021	VF Advanced Dermal Care Liquid 90ml
257-01153	1403029	VF Advanced Dermal Hydrogel 90ml
257-01261	1403026	VF Otic Rinse Liquid 90ml
257-01050	1403024	VF Advanced Dermal Care Liquid 500ml
257-01053	1403034	VF Advanced Dermal Hydrogel 500ml

For more information including clinical studies visit:  
<https://www.vetericynvf.com>

## VETERICYN PLUS<sup>®</sup> VF IS INDICATED FOR:

- + Allergy sites, skin rashes, hot spots
- + Ear cleansing and odor
- + Acute and chronic wounds
- + Partial and full-thickness wounds
- + Grafted mesh, pinch, punch, strip, and donor sites
- + Stage I-IV skin ulcerations
- + Minor lacerations and cuts
- + Dermal cleansing and flushing
- + Wound irrigation and debridement
- + Moistening and lubricating wound dressings
- + Reducing wound odors
- + Fecal or urine contact skin irritations
- + Feather picking related irritations
- + Inflammation from eye or ear irritations
- + Ailments associated with allergies
- + Abrasions and abscesses
- + 1st and 2nd degree burns
- + Post-surgical wounds
- + Otitis externa (OE)



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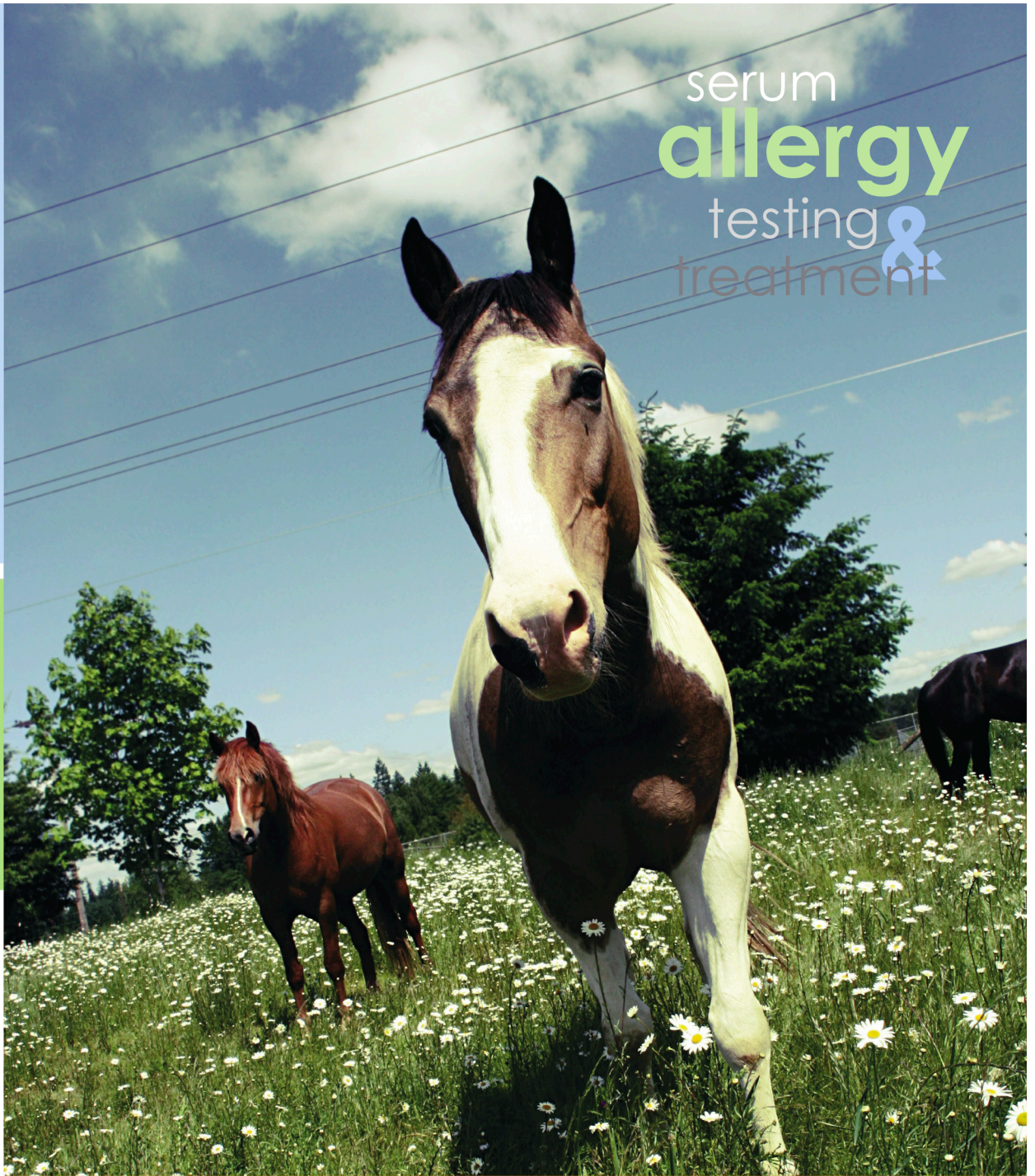
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serum  
**allergy**  
testing &  
treatment



**THE ULTIMATE PACKAGE for  
EQUINE ALLERGY MANAGEMENT & THERAPY**



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# IN-VITRO TESTING

## The Ultimate SPOT Package for Equine Patients

A total of 86 allergens are tested from the following panels:

### • Regional Panel:

44 regional inhalant allergens including Grasses, Weeds and Shrubs, Trees, Grain Mixes, Barn Dust, Epidermals, Shavings, Leather, Jute/Sisal, Wool and Cotton.

### • Food Panel:

12 specific equine food ingredients namely: Alfalfa, Barley, Corn, Cottonseed, Linseed, Milo, Oats, Pasture Mix, Soybean, Wheat, Clover Mix and Beet Pulp.

### • Mold Panel:

The following 24 molds are tested: Smut mix, Curvularia, Hormodendrum, Helminthosporium, Stemphilium, Candida albicans, Monilia, Cephalosporium, Mucor mix, Trichoderma, Rhizopus, Chaetomium, Phoma, Rhodotorula, Botrytis, Epicoccum, Fusarium, Pullularia, Aspergillus, Nigrospora, Alternaria, Penicillium, Saccharomyces, and Cephalothecium.

### • Biting Insect Panel:

Horses exhibiting signs of urticaria are commonly affected by biting insects. The biting insect panel tests for sensitivity to six insects including: Culicoides, Mosquito, Stable fly, Deer fly, Horse

## STEROIDS AND TESTING

*Several studies have shown that in normal therapeutic doses, steroids have minimal immunosuppressive effect. Therefore, levels of IgE remain the same whether an animal is on steroids at the time of the blood draw or not. Steroids play a role in preventing the degranulation of mast cells and basophils and hence the need to have an animal withdrawn from steroid therapy prior to tests that rely on such degranulation for their results (such as intradermal skin testing). In-vitro allergy tests measure levels of allergen specific IgE and are therefore totally unaffected by the presence of steroids.*

# Can horses really have ALLERGIES?

*Horses are just as likely as  
people to have allergies.*

In fact, more than 30% of all skin and respiratory problems in horses can be attributed to allergies. Allergic reactions are caused by normal substances in the air. Everything from pollen, mold, insects and food can be classified as allergens. It is important to accurately identify the specific allergens that are causing the horse to suffer.

#### COMMON SYMPTOMS:

##### respiratory symptoms:

- persistent cough
- audible wheezing
- heaves

##### dermatologic symptoms

- general skin irritation/hair loss
- urticaria (hives)
- sweet itch ("summer eczema")

##### gastrointestinal symptoms



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**DO I NEED TO GO THROUGH MY VETERINARIAN TO HAVE MY HORSE TESTED?**

Yes. Your veterinarian will decide if allergy testing is indicated for your horse. Testing involves your Veterinarian drawing a small amount of blood and sending the sample to Spectrum Labs, where the serum will be tested for sensitivity to a variety of allergens common to your region. Our test results will identify the specific allergens that are causing your horse to suffer and allow you to make environmental adjustments and if necessary treatment recommendations from there.

**WHAT DOES "TREATMENT" CONSIST OF?**

Hyposensitization is often the best, safest and most successful treatment option available for allergies, especially when avoidance isn't possible. Treatment can be administered as allergy shots or allergy drops. It is best to talk with your Veterinarian once you have

determined allergies to be the root cause of your horse's symptoms and once you have obtained the allergy report. Regardless of the chosen option, treatment is administered over a period of time to allow your horse's immune system to develop a tolerance to its offending allergens. Improvement in allergy symptoms generally appear three to five months into treatment.

**WHAT WILL HAPPEN IF I CHOOSE NOT TO TREAT MY HORSE'S ALLERGIES?**

If left untreated, typically symptoms worsen with age. While steroids may offer temporary relief, long-term or continued use of these drugs have undesirable side effects. The only proven, long-term solution for keeping allergy symptoms under control is the safe and effective allergy-specific hyposensitization that Spectrum Labs provides.

Equine allergies can negatively affect the abilities and performance of competition horses and cause great discomfort in pleasure horses and ponies.

**Have a show or performance horse?**

Don't worry! Our treatment will not effect their ability to qualify for upcoming competitions.



Serum Allergy Testing  
and Treatment Program

Provided by:



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# Equilytes

*"The BEST Electrolyte replacement available today"*

## Perfect for every discipline

Equilytes provides your horse with the electrolytes required to keep them performing at their best.

- Rapid Electrolyte Replacement
  - Shortens Recovery Time
  - Prevents Muscle Tie-Up
- Great for hauling to minimize fatigue.
  - Contains Chelatrex



**Equilytes** are chelated minerals attached to amino acids and provides for efficient absorption. Electrolytes are minerals needed for many reactions within the body. Most important is the stimulation of nerve responses. Low electrolyte levels; slow nerve responses.

Most common electrolytes are: calcium, sodium, potassium and magnesium. They are found in blood serum.

**Equilytes can prevent and even reverse "tying up".**

Other electrolyte products are not chelated and can take up to 6-8 hrs to be absorbed (which is the same as normal feedings i.e. hay and grain). **Equilytes** can be detected in the blood as soon as ten minutes after ingestion.

**Equilytes** electrolytes are proven to increase performance and condition.

### Proven and Effective

During periods of high stress, and strenuous exercise horses can lose up to 50 grams of electrolytes per hour. Resulting in metabolic imbalances, which can lead to dehydration, muscle cramps, and exhaustion. Leaving your horse unable to perform at their potential.

**Problem:** How can these electrolytes be effectively and quickly replenished during or after strenuous exercise and stress?

### Solution: EQUILYTES

**Equilytes** is an exclusive chelated amino acid-electrolyte formula that is almost immediately absorbed into the horses blood stream after ingestion.

CSL Code	VP Code	CDMV Code	Description
303-400202			Equilytes Paste 60gm Tube
303-400203			Equilytes 3kg Tub



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# XXTERRA



**XXTERRA: An herbal bloodroot based paste for the treatment of equine sarcoids**

It works by stimulating the horses immune system. Subsequently, the horses body “rejects” the sarcoid from the inside out.

The tumor(s) will first become inflamed by the immune response and then they will slough off.

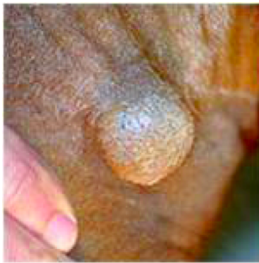
BEFORE

DAY 1

DAY 15

DAY 30

DAY 100



## How to use:

Apply XXTERRA (a 3-5 mm thick layer) to the sarcoid daily for 3-4 days.

When a swelling and superficial wound appears, stop applying.

Bandage can be applied if wanted, but not necessary.

Let the scab fall off by itself, do not assist the sloughing.

In up to 20% of cases, the sarcoid can re-appear.

In these cases, repeat the process. Less than 2% of sarcoids re-appear after a second application.

## For animal use only.

CSL Code	VP Code	CDMV Code	Description
303-0000	1400980		XXTerra - 57g/2oz.
303-10624			XXTerra - 28g/1oz

**Available at your local veterinary distributors:**



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# Equine dental problems? Equine dental solution!



## MAXI/GUARD® Oral Cleansing Gel

### Aids In The Healing Of:

- Bit sores
- Extraction sites
- Oral injuries
- Abscesses
- Irritations after teeth floating
- Gum inflammation

*"I also dispense Oral Gel to owners with horses that have bit sores. It seems to give the horse almost immediate relief from discomfort which allows continued training while the lesions heal. There is no product on the market (human or veterinary) that I have found that performs as well on oral lesions as MAXI/GUARD Gel."*

*—Jack Easley, DVM, MS  
Shelbyville, Kentucky*

CSL Code: 180-4444 VP Code: 1400936 CDMV Code: 11857



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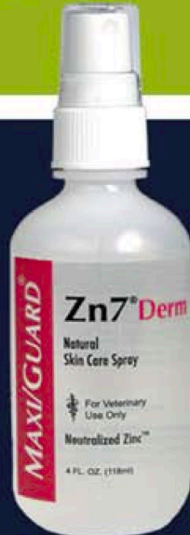
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# Equine wound problems?

# Equine wound solution!



## MAXI/GUARD® Zn7® Derm

### Primary Benefits:

- Promotes healing
- Does not stimulate proud flesh
- Provides relief from itching
- Tissue friendly pH - Does not sting
- Enhanced follicular regeneration
- Can be used on exposed or bandaged areas



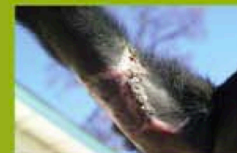
Day 1 of application



Day 5 of application



Day 15 of application



Day 37 of application

### Aids In The Healing Of:

- Lacerations and abrasions
- Saddle and bridal sores
- Post surgery cases
- Sunburn
- Sweet itch
- Many other difficult conditions

CSL Code: 180-7700

VP Code: 1407365

CDMV Code: 102650



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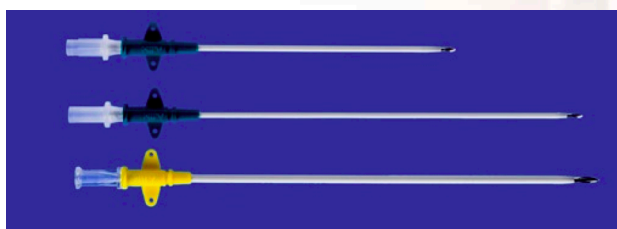
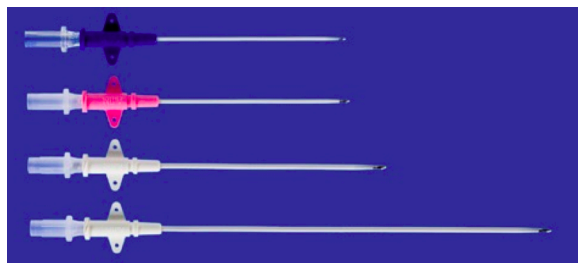
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### Extended Use MILACATH

\*Kink resistant polyurethane catheter-over-needle

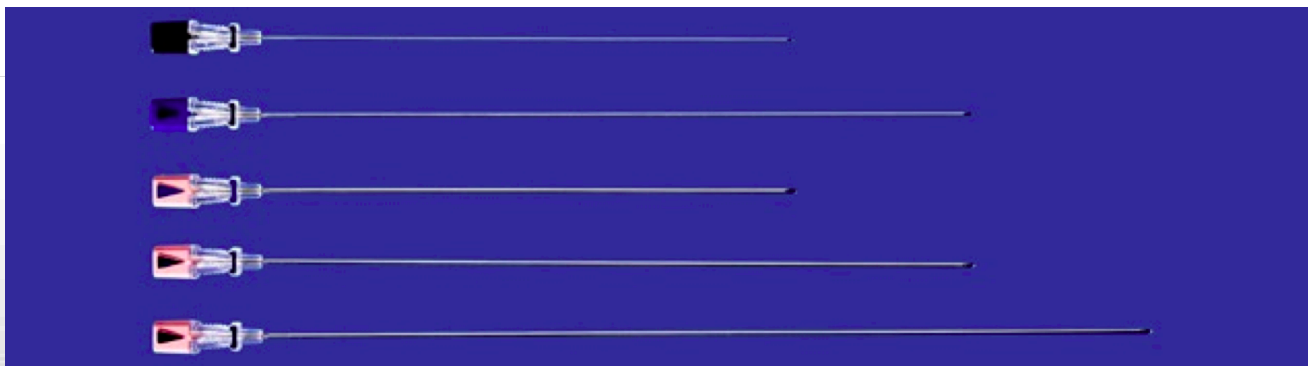
CSL	VP	CDMV	Description
493-1211	5420298		Extended Use Milacath - 12ga x 13cm (5.25in)
493-1411	5420302		Extended Use Milacath - 14ga x 13cm (5.25in)
493-1403	5420300		Extended Use Milacath - 14ga x 9cm (3.5in)
493-1603	5420310		Extended Use Milacath - 16ga x 7.5cm (3in)
493-1611	5420312		Extended Use Milacath - 16ga x 13cm (5.25in)
493-1811	5420320		Extended Use Milacath - 18ga x 6.25cm (2.5in)
493-2011	5420332		Extended Use Milacath - 20ga x 6.25cm (2.5in)



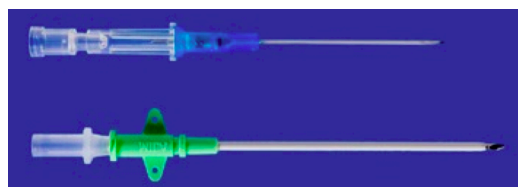
### Spinal Needles

\*Spinal needles with marked and notched hub for easy tip orientation

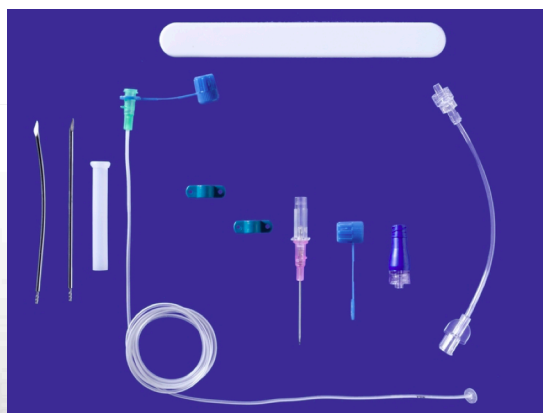
CSL	VP	CDMV	Description
493-1806	5420952	105965	Spinal Needles - 18ga x 15cm (6in)
493-1808		104846	Spinal Needles - 18ga x 20cm (8.0in)
493-1810			Spinal Needles - 18ga x 25cm (10.0in)
493-2008		109329	Spinal Needles - 20ga x 20cm (8.0in)
493-2206			Spinal Needles - 22ga x 15cm (6.0in)



Short Term Catheters			
*Teflon catheter-over-needle			
CSL	VP	CDMV	Description
493-1412			Short Term Catheters - 14ga x 13cm (5.25in)
493-1212			Short Term Catheters - 12ga x 13cm (5.25in)
493-1006			Short Term Catheters - 10ga x 15cm (6in)



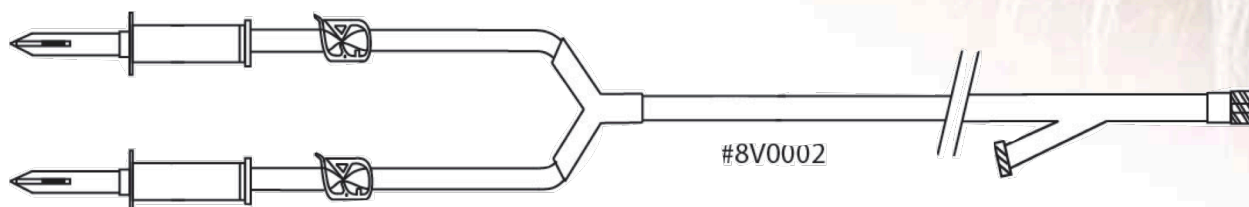
Eye Lavage Kit			
*Features single stick insertion method, for upper or lower eyelid, soft non-irritating disk and tubing, allows application of eye medication away from site, easily used in clinical or farm setting. Kit includes 12ga or 10 degree angled trocar, catheter, eyelid lifter, suture devices, extension tube, luer lock adaptor, tethered cap and MicroClave. Infu-Disk Pump recommended for continuous infusion			
CSL	VP	CDMV	Description
493-6612	5420500		Subpalpebral Eye Lavage Kit - 36in catheter
493-6612L			Subpalpebral Eye Lavage Kit - 60in catheter
493-6613			Subpalpebral Eye Lavage Kit - 36in catheter with Angled Trocar
493-6613L			Subpalpebral Eye Lavage Kit - 60in catheter with Angled Trocar
493-6615			Eye Lavage Repair Kit



**Fluid Collection and Delivery - EquiSet IV Administration Set**

\*Economical large bore (30Fr x 300cm/120in) non-vented Y-set with 2 spikes, 3 clamps, roller flow adjustment, and spin luer lock adaptor. Needle-free MicroClave injection port

CSL	VP	CDMV	Description
493-8V0002			EquiSet IV Administration Set - 120in



**Fluid Collection and Delivery - Secondary Venoset**

\*Deliver a small amount of medication quickly. This set allows pressurization of a bag or bottle. Replacement for the discontinued Abbott secondary venoset. Tubing length is 23in (58cm)

CSL	VP	CDMV	Description
493-175720			Secondary Venoset - 23in (58cm)



**Fluid Collection and Delivery - High Flow Fluid Transfer Set**

\*Ideal for uterine flush. Includes high flow spike, clamp, and graduated adapter for 20-40Fr tubes

CSL	VP	CDMV	Description
493-175495			High Flow Fluid Transfer - 36in



#### Extensions with Normally Closed Valve

\*Features catheter saving normally closed valve, bi-directional valve for infusion or sampling, high flow or small bore tubing, spin luer lock

CSL	VP	CDMV	Description
493-8518	5420458		High Flow Extension Tube - 13ga x 45cm (18in)
493-8570	5420450		Small Bore T-Set - 16ga x 17cm (7in)
493-8572	5420456	113516	High Flow T-Set - 12ga x 17cm (7in)
493-8575	5420460		Double High Flow T-Set - 12ga x 12.75cm (5in)
493-8585	5420452	113517	Single Small Bore - 16ga x 12.5cm (5in)
493-8590	5420454		Single High Flow - 13ga x 12.5cm (5in)

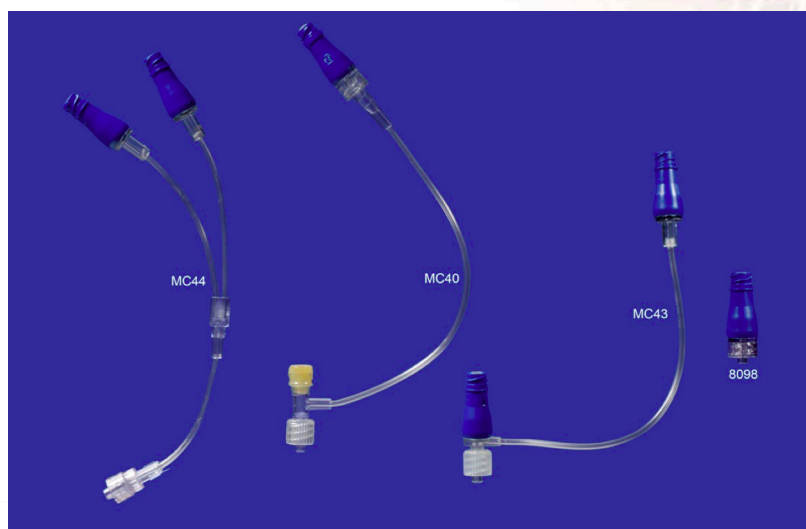
#### Foley Urinary Catheters with Wire Stylet

\*Radiopaque silicone foley catheter with balloon cuff and wire stylet. Water activated lubricant on 6 French and 8 French sizes

CSL	VP	CDMV	Description
493-UC624		105014	Urinary Foley Catheter - 6Fr x 60cm (24in)
493-UC636		111026	Urinary Foley Catheter - 6Fr x 90cm (36in)
493-UC812			Urinary Foley Catheter - 8Fr x 30cm (12in)
493-UC824		105015	Urinary Foley Catheter - 8Fr x 60cm (24in)
493-UC836		105016	Urinary Foley Catheter - 8Fr x 90cm (36in)
493-UC1018		115588	Urinary Foley Catheter - 10Fr x 93cm (18in)
493-UC1036		105013	Urinary Foley Catheter - 10Fr x 90cm (36in)
493-UC1212			Urinary Foley Catheter - 12Fr x 30cm (12in)
493-UC1221			Urinary Foley Catheter - 12Fr x 55cm (21in)
493-UC149			Urinary Foley Catheter - 14Fr x 23cm (9in)
493-UC1621			Urinary Foley Catheter - 16Fr x 55cm (21in)
493-UC2416			Urinary Foley Catheter - 24Fr x 42cm (16in)
493-UC2459			Urinary Foley Catheter - 24Fr x 150cm (59in)



Extensions with MicroClave			
*One piece, closed, needle-free connectors			
CSL	VP	CDMV	Description
493-MC44			Smallbore Bifuse "Y" set w/3 clamps
493-MC43			Smallbore T-Set w/dual micro claws (18cm/7in)



Caps			
CSL	VP	CDMV	Description
493-8080			Safety Injection Cap
493-8090		113515	Tethered Cap
493-8095			Needleless Injection Cap



## Stomach Tubes

### **Foal**

**Item Code:** 425-0100  
**VP Code:** 1407072

### **Small**

**Item Code:** 425-0200  
**VP Code:** 1407073

### **Medium**

**Item Code:** 425-0300  
**VP Code:** 1407074

### **Large**

**Item Code:** 425-0400  
**VP Code:** 1407075



## Floats



420-0020 - Float, Straight, Jupiter (J10)



420-0016 - Float, Mini Stainless Steel Straight (J16)



420-0015 - Float, Angled Jupiter (J11)

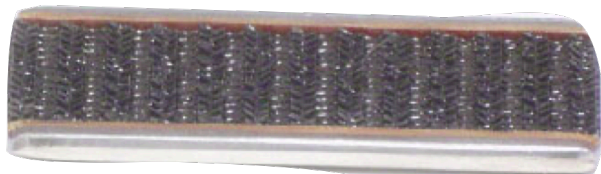


420-0017 - Float, Mini Stainless Steel Angled (J17)



420-1115 - Float, Angled Shortie, No Blade 12" (J15)

## Blades for Floats



420-0005 Red Dot Jupiter (J20F)  
420-0010 - Regular Jupiter (J20X)  
420-1116 Mini Speedycut (for J16 & J17 Floats)  
420-2222 - Carbide Blade (for J18 & J19 Floats)



420-0057 - Solid Carbide (J575C)



420-1111 - Carbidecut, Jupiter (J21)



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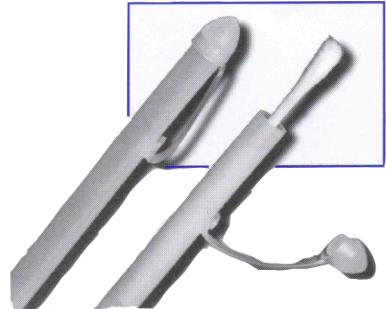
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## Culture Swabs

Culture Swab KI-3000 30"

Item Code: 425-3000 VP Code: 1401920



## Disinfecting Solutions

Pine Oil Disinfectant - 4L

Item Code: 899-1502 VP Code: 1400930

Betadine Solution - 500mL

Item Code: 525-5000 VP Code: 1400281



## Bandages

Duform Conforming, Knitted 12 Roll/pkg

Item Code: 573-5103 - 3" (7.5cm) VP Code: 1407437  
573-5104 - 4" (10cm) VP Code: 1407438



## Sponges

Versalon 200 Sponges per Bag

2" x 2" Item Code: 573-9022 VP Code: 1401465

3" x 3" Item Code: 573-9023 VP Code: 1401466

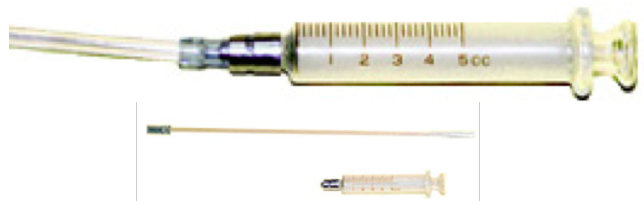
4" x 4" Item Code: 573-9024 VP Code: 1401467



## Infusion Pipettes

Infusion Pipettes 22", Sterile pack of 25

Item Code: 425-1035 VP Code: 1407076



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# Equ-Aid Plus

## Advantages

- Selenium and vitamin E to help prevent tying-up syndrome
- Lysine to improve growth of foals on low-protein diets
- Biotin and methionine, which are essential for hoof formation
- Zinc, to aid in healthy skin and proper enzyme balance
- Provides a high level of essential unsaturated fatty acids
- Exceptional palatability

Vet-A-Mix offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.



**Balanced,  
fortified  
vitamin and  
mineral  
supplement  
for horses.**



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## How Supplied:

5 pound jars ..... List 0097  
40 pound pails ..... List 0098

**Indications:** A vitamin and mineral supplement fortified with selenium, lysine and methionine for horses and ponies.

**Feeding Directions:** Feed 2 ounces (one heaping measure) per day to colts and adult horses. Ponies and very small breeds should receive proportional amounts. A 1/3 cup measure is enclosed.

**Note:** Consider selenium concentrations in the total daily feed intake. The total added selenium should not exceed 0.3 mg/kg (0.3 ppm) in the ration or 3.0 mg selenium per horse per day.

**Ingredients:** Dicalcium phosphate, yeast culture, wheat bran, vegetable oil, sodium tripolyphosphate, salt, L-lysine monohydrochloride, DL-methionine, linseed meal, zinc oxide, ferrous sulfate, calcium phosphate, vitamin E supplement, magnesium oxide, manganous oxide, calcium pantothenate, biotin supplement, thiamine mononitrate, niacin supplement, copper sulfate, vitamin A supplement, monosodium glutamate, ferric oxide, riboflavin supplement, vitamin B<sub>12</sub> supplement, corn distiller's dried grain with solubles, mineral oil, vitamin D<sub>3</sub> supplement, pyridoxine HCl, cobalt sulfate, ethylenediamine dihydride, sodium selenite, tetrasodium ethylenediaminetetraacetate, with BHT, BHA, ethoxyquin, propyl gallate, and citric acid, preservatives.

**Guaranteed Analysis:** (All values are minimum quantities unless otherwise stated.)

	Equ-Aid Plus Per 2 ounces	Per Pound	NAS/NRC* Requirements
<b>Protein:</b>			
DL-methionine.....	1,000 mg.....	1.8%.....	N.E.
L-lysine monohydrate.....	1,000 mg.....	1.8%.....	22,900 mg

## Crude Fat:

Vegetable oils containing not less than 85% unsaturated fatty acids.....5,670 mg.....10%

## Minerals:

Calcium, min.....	4,200 mg.....	7.4%.....	20,000 mg
Calcium, max.....	5,000 mg.....	8.8%.....	
Phosphorus.....	4,200 mg.....	7.4%.....	14,000 mg
Salt, min.....	1,125 mg.....	1.98%.....	19-25,000 mg
Salt, max.....	1,418 mg.....	2.48%.....	
Magnesium.....	250 mg.....	0.44%.....	7,500 mg
Copper.....	20 mg.....	.353 ppm.....	81.8 mg
Selenium.....	1 mg.....	.176 ppm.....	0.8 mg
Zinc.....	280 mg.....	4,938 ppm.....	327 mg
Iron.....	250 mg.....	4,409 ppm.....	327 mg
Manganese.....	100 mg.....	1,764 ppm.....	327 mg
Iodine.....	2 mg.....	35.2 ppm.....	0.8 mg
Cobalt.....	1 mg.....	17.6 ppm.....	0.8 mg

## Vitamins and others:

Vitamin A.....	40,000 IU.....	320,000 IU.....	14,969 IU
Vitamin D <sub>3</sub> .....	5,000 IU.....	40,000 IU.....	2,455 IU
Vitamin E.....	100 IU.....	800 IU.....	409 IU
Vitamin B <sub>12</sub> .....	40 mcg.....	0.32 mg.....	N.E.
Riboflavin.....	40 mg.....	320 mg.....	17 mg
D-Pantothenic acid.....	100 mg.....	800 mg.....	N.E.
Thiamine mononitrate.....	20 mg.....	160 mg.....	25 mg
Niacin.....	80 mg.....	640 mg.....	N.E.
Pyridoxine HCl.....	5 mg.....	40 mg.....	N.E.
D-Biotin.....	1 mg.....	8 mg.....	N.E.

0504

\*N.E. = not established

The values for maintenance of a mature horse are based on a 1,100 pound animal consuming 8.2 kg (18.0 lb) of dry feed. From National Academy of Sciences National Research Council Nutrient Requirement of Horses, 5th Revised Edition, 1989. No requirements for niacin have been established for the horse. Niacin can be synthesized from tryptophan, suggesting a dietary source is unnecessary.

Pyridoxine, folic acid and biotin are synthesized in the lower digestive tract of the horse, but information on the dietary requirements is lacking. The requirement for Vitamin B<sub>12</sub> has not been reported. However, foals may benefit from receiving supplementation of vitamin B<sub>12</sub> and/or cobalt. The individual amino acid requirements for maintenance are not known.

Item Code: 800-0098  
Equ-Aid Plus



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# Equ-SeE

## Advantages

- Provides dietary selenium in areas where feedstuffs are deficient
- Optimum levels of vitamin E act in synergy with selenium in the prevention of deficiencies
- An economical alternative to administration by injection

VET-A-MIX offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.

All Vet-A-Mix products are available only through licensed veterinarians.



**Safe and  
effective  
selenium and  
vitamin E  
feed  
supplement  
for horses**



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## How Supplied:

1-pound bottles .....List No. 0434  
5-pound jars .....List No. 0435

## Indications:

For use as a nutritional supplement in horses, when a vitamin E and selenium deficiency exists.

## Feeding Directions:

The normal recommended dosage of selenium is 0.1 ppm to 0.3 ppm or 1/2 to 1 1/2 teaspoons per 10 pounds (4.5 kg) daily feed intake.

### Recommended Daily Amount

Body Weight	Amount
250 lb (115 kg).....	1/4 to 3/4 teaspoon
500 lb (225 kg).....	1/2 to 1 1/2 teaspoons
750 lb (340 kg).....	3/4 to 2 1/4 teaspoons
1000 lb (450 kg) .....	1 to 3 teaspoons

One teaspoonful contains approximately 5 grams of Equ-SeE or 1 mg of selenium and 220 IU of vitamin E.

## Administration:

Equ-SeE powder can be administered by mixing the daily amount in the concentrate or by top-dressing on grain, preferably rolled or ground. To facilitate proper adhesion to the ration, slightly moisten the grain with water or liquid supplement.

## Warning:

Consider selenium concentrations in the total daily feed intake. The total added selenium should not exceed 0.3 mg/kg (0.3 ppm) in the ration, or 3.0 mg selenium per horse per day.

## Guaranteed Analysis per lb:

(All values are minimum quantities unless otherwise stated.)

Selenium..... 0.02%.....90.7 mg  
Vitamin E.....20,000 IU

## Ingredients:

Calcium carbonate, rice hulls, vitamin E (DL-alpha tocopheryl acetate), diatomaceous earth, sodium bentonite and sodium selenite.

## Caution:

Follow label directions. The addition to feed of higher levels of this supplement is not recommended. Do not exceed the recommended amounts.

Each package contains a teaspoon measure for accurate administration.

Item Code: 800-0433 - Equ-SeE 1lb

Item Code: 800-0435 - Equ-SeE 5lb

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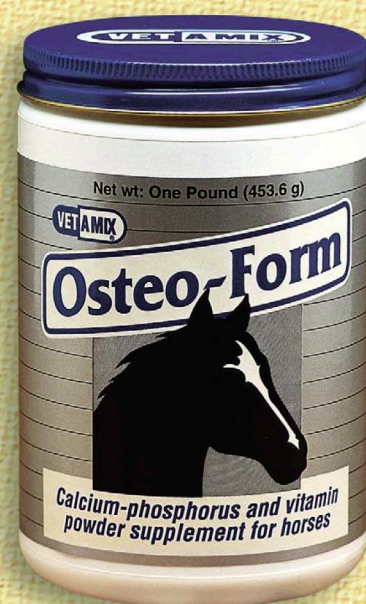
# Osteo-Form

## Advantages

- Calcium-to-phosphorus ratio of 1.8-to-1 reduces danger of nutritional imbalance
- Ideal for foals during periods of rapid growth
- Excellent for pregnant or lactating mares

VET-A-MIX offers quality, research-proven nutritional supplements and drug dosage forms designed specifically for horses. All are manufactured under strict quality control guidelines.

All Vet-A-Mix products are available only through licensed veterinarians.



**Natural  
calcium and  
phosphorus  
powder with  
vitamins.**



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## How Supplied:

1-pound bottles.....List No. 0366  
25-pound pails.....List No. 0367

## Indications:

For use as an aid in the prevention of dietary deficiencies of calcium, phosphorus and vitamins A and D.

## Do Not Feed to Cattle or Other Ruminants

**Dosage:** To aid in the prevention of dietary deficiencies, give 1 to 3 slightly rounded tablespoons to foals and 3 to 5 tablespoons to yearlings and adults each day for as long as indicated.

Each slightly rounded tablespoonful of Osteo-Form contains approximately 12 grams. A tablespoon measure is enclosed.

## Administration:

Osteo-Form may be added to the daily ration or mixed with milk or water. To facilitate proper adhesion of Osteo-Form to the ration, slightly moisten the grain with water or liquid supplement.

## Warning:

When using Osteo-Form as a maintenance dietary supplement, calcium and phosphorus from other food sources should be considered.

## Guaranteed Analysis:

	Per pound
Calcium, maximum.....	32.0%
Calcium, minimum.....	27.0%
Phosphorus, minimum.....	16.5%
Vitamin A, minimum.....	153,000 IU
Vitamin D <sub>3</sub> , minimum.....	15,300 IU

## Ingredients:

Dicalcium phosphate, bone ash, calcium carbonate, soybean flour, bone meal steamed, polysorbate 80, citric acid, ascorbic acid, vitamin A acetate and cholecalciferol.

## Osteo-Form Powder 454g

**Item Code:** 800-0366

**VP Code:** 1400901

**CDMV Code:**

## Osteo-Form Powder 11.35kg

**Item Code:** 800-0367

**VP Code:**

**CDMV Code:** 108466

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## GastroCare - For gastric health in Horses

### Concerns:

Stomach pain resulting in:

Erratic behaviour  
Stable vices  
Irregular feeding  
Tooth grinding  
Weight loss

### Results:

Soothes the stomach  
Reduces possibility of re-occurrence  
Improved behaviour  
Increased food consumption  
Improved performance and attitude

### Why use GastroCare?

Horses are natural grazers and would if allowed, spend up to 22 hours per day in a field grazing. As such they continually produce gastric acid. The constant grazing should produce enough saliva to balance this acid.

When horses are in training, working or travelling and their feeding regime is reduced to two or three feeds per day they do not produce enough saliva and thus their stomachs have an unnatural build up of acid. That is why 60% of sport or show horses and over 90% of race horses have gastric discomfort.

### How GastroCare Works

Neutralises gastric acid. Each intake provides approximately six hours of activity.

The soluble fibres absorb some of the excess acid produced and glutamine aids the regeneration of the stomach lining. All in all GastroCare helps and maintains the stomach as normal.

### Ingredients

Dicalcium Phosphate, Carbonates (Sodium & Calcium), Pectin - Apple Fibre Complex, L-glutamine

#### Gastro Care 5lb

Item Code: 820-1300    VP Code: 1407240    CDMV Code: 100777

#### Gastro Care 6.6lb

Item Code: 820-1299    VP Code:    CDMV Code:



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## NutriAid - The Equine shock absorber

### Concerns:

Joint stiffness  
Overall Stiffness

### Results:

Aids the body's natural repair of its joints  
Helps build new cartilage naturally  
Increases Flexibility

### Why use NutriAid?

In the normal day to day life of a horse the joint cartilage is continually being broken down and replacement cartilage is being manufactured. However this balance can be upset due to increased training, trauma, competition or simply old age. Such horses need to be assisted in the maintenance of the cartilage and to reduce risk from further deterioration in the future.

NutriAid is an economical solution to promote long-term joint health.

### How NutriAid Works

NutriAid is the most potent joint supplement combination on the market. This is due to its combination of three ingredients: Glucosamine, is an amino acid and assists in the body's manufacture of cartilage. Chondroitin assists in maintaining the lubrication and shock absorption of the joints, while MSM is a naturally occurring sulphur compound which help soothe knocks and return joint mobility.

While visible results are seen within 10-14 days, long term use is recommended, particularly in the case of older horses.



**Nutri-Aid GCM 1000ml**  
Item Code: 820-1101  
VP Code: 1405975  
CDMV Code: 17128



**Equine Arthri Aid 1.2kg**  
Item Code: 820-FP1043  
VP Code: 1407282  
CDMV Code: 101639



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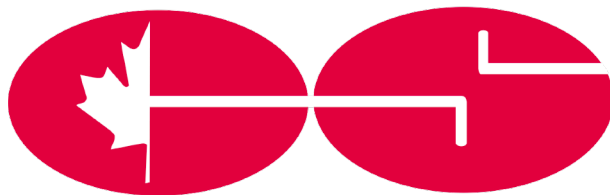
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